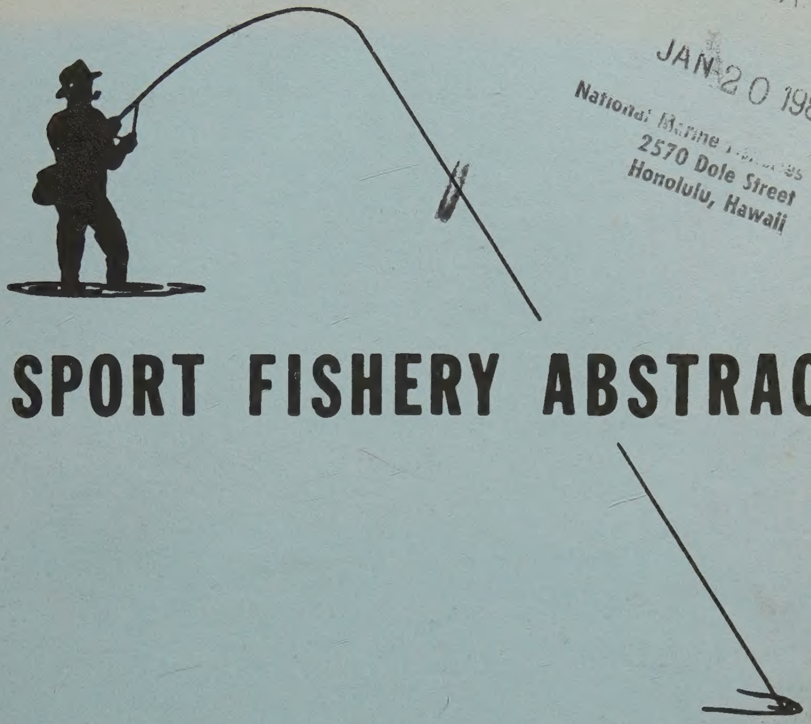
Index
V.21-25
1976-80

LIBRA
JAN 20 1983
National Marine Fisheries Service
2570 Dole Street
Honolulu, Hawaii



SPORT FISHERY ABSTRACTS

Index to Volumes 21-25
1976-1980

DEPARTMENT OF THE INTERIOR
U. S. FISH AND WILDLIFE SERVICE

UNITED STATES DEPARTMENT OF THE INTERIOR

March 3, 1849

SPORT FISHERY ABSTRACTS

Roger Schoumacher, Editor
Terry N. Sexson, Assistant Editor

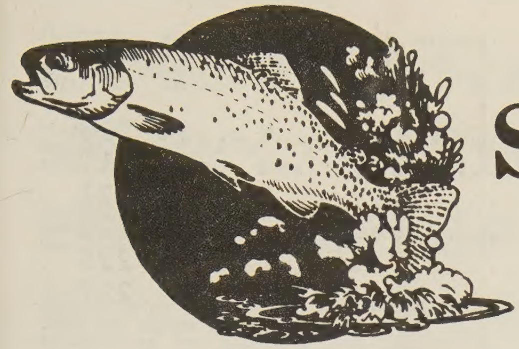
Editorial Office
U.S. Fish and Wildlife Service
Aylesworth Hall, CSU
Fort Collins, Colorado 80523

Sport Fishery Abstracts is intended to furnish fishery biologists with abstracts of current literature in sport fishery research and management.

One volume, consisting of four numbers, is issued each year. Each number contains separate Author, Geographic, and Taxonomic indexes, and the final number of each volume contains cumulative Author, Geographic, Taxonomic, and Subject indexes, and a list of publications screened. Authors who publish in journals not screened for *Sport Fishery Abstracts*, and who would like their publications included, should submit abstracts to the Editor.

The U.S. Fish and Wildlife Service assumes no responsibility for the accuracy of material from outside sources, and can only supply copies of articles written and published by the U.S. Fish and Wildlife Service.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402



SPORT FISHERY ABSTRACTS

An abstracting service for fishery research and management

INDEX VOLUMES 21-25, 1976-1980

CONTENTS

AQUATIC PLANTS AND THEIR CONTROL.................................. 1

CULTURE AND PROPAGATION

General Fish Culture.. 2
Trout and Salmon Culture.................................... 4
Other Anadromous Species Culture............................ 7
Warmwater Culture... 7
Mariculture... 13
Feeds, Feeding and Nutrition................................ 16
Transporting Fish... 23
Aquariums... 23
Miscellaneous Culture Techniques and Equipment.............. 14

LIMNOLOGY AND OCEANOGRAPHY

General... 25
Physical.. 26
Chemical.. 27
Benthos... 28
Plankton.. 31
Primary Production.. 32

MORPHOLOGY, PHYSIOLOGY, GENETICS AND BEHAVIOR

Morphology.. 33
Physiology.. 50
Genetics, Variation Studies, Hybridization.................. 110
Behavior.. 118

NATURAL HISTORY

Life Histories - General Works.............................. 132
Population Studies - Production, Standing Crop, Recruitment. 143
Spawning Habits and Movements, Sex Ratios, Fecundity, etc... 149
Movements, Seasonal and Depth Distribution, etc............. 159
Foods and Feeding... 163
Age and Growth.. 178
Geographical Distribution, Fish surveys, etc................ 185
Abundance, Factors of; Survival and Mortality............... 199
Identification, Keys, Classification........................ 203

PARASITES AND DISEASES

General... 213
Bacterial... 217
Fungal.. 221
Protozoan... 221
Viral... 225
Other... 227

POLLUTION AND TOXICOLOGY

Pollution... 240
Fish Kills.. 252
Toxicology; Bioassays............................. 253
Fish Toxicants.................................... 278

RESEARCH AND MANAGEMENT

General... 280
Administration and Planning....................... 283
Reports of Fishery Stations, States, etc.......... 284
Habitat Alteration................................ 285
Harvest, Creel Census, etc........................ 291
Regulations....................................... 293
Fish Control and Removal.......................... 294
Marking and Tagging............................... 295
Stocking and Introductions........................ 296
Fishing Gear and Techniques....................... 299
Fertilization of Water and Soil................... 302
Fishways, Fish Passage through Dams, etc.......... 303
Mathematical, Statistical Methods and Modeling.... 304
Access.. 307
Lake Management and Research...................... 307
River and Stream Management and Research.......... 308
Farm Pond and Small Impoundment Management and Research..... 311
Large Impoundment Management and Research......... 311
Estuary Management and Research................... 313
Marine Management and Research.................... 314
Utilization of Fishery Products................... 318
Miscellaneous Techniques and Equipment............ 318
Reviews, Bibliographies, etc...................... 320
Sport Fishing Techniques.......................... 321
Watershed Management.............................. 321
Water Use and Conservation........................ 321

AUTHOR INDEX (Salmon)................................ 323
GEOGRAPHIC INDEX (Yellow)............................ 407
SYSTEMATIC INDEX (Blue).............................. 433
SUBJECT INDEX (White)................................ 513

AQUATIC PLANTS AND THEIR CONTROL

71-000001 Avault, J. W., Jr. and Merkowsky, A. EVALUATION OF HYBRID (COMMON X GRASS) CARP FOR WEED CONTROL. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, Eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 184-193. 1978. SFA 24(2)

71-000002 Berry, C. R., Jr. THE EFFECTS OF HERBICIDE TREATMENT ON A RESERVOIR ECOSYSTEM. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 227p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-000003 Berry, C. R., Jr.; Schreck, C. B.; Van Horn, S. and Strange, R. ANGLER ORIENTED OBJECTIVES OF AN AQUATIC WEED CONTROL PROGRAM. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:301-309. 1975[1976]. SFA 22(3)

71-000004 Borawa, J. C.; A. W. Mullis; J. H. Kerby and M. T. Huish. COMPARISON OF FISH POPULATION DATA COLLECTED FROM CURRITUCK SOUND, NORTH CAROLINA, BEFORE AND AFTER INFESTATION BY EURASIAN WATERMILFOIL. *J. Elisha Mitchell Sci. Soc.* 94(2):111. 1978. Abstract only. SFA 25(2)

71-000005 Boyle, T. P. THE ECOLOGICAL EFFECTS OF REMOVAL OF ROOTED MACROPHYTES ON PHYSICAL, CHEMICAL, AND BIOLOGICAL PAPAMETERS OF EXPERIMENTAL PONDS. *Bull. Ecol. Soc. Am.* 59(2):65. June 1978. Abstract only. SFA 23(4)

71-000006 Breen, P. A. and Mann, K. H. DESTRUCTIVE GRAZING OF KELP BY SEA URCHINS IN EASTERN CANADA. *J. Fish. Res. Board Can.* 33 (6): 1278-1283. June 1976. In English with French summ. SFA 21(2).

71-000007 Buglewicz, E. G. and Hergenrader, G. L. THE IMPACT OF ARTIFICIAL REDUCTION OF LIGHT ON A EUTROPHIC FARM POND. *Trans. Nebr. Acad. Sci.* 4:23-33. 1977. SFA 23(1)

71-000008 Carpenter, S. R. and Gasith, A. MECHANICAL CUTTING OF MACROPHYTES: IMMEDIATE EFFECTS ON LITTORAL WATER CHEMISTRY AND METABOLISM. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-000009 Cooke, G. D. and Gorman, M. E. EFFECTIVENESS OF A POLYPROPYLENE SHEETING IN CONTROLLING MACROPHYTE RE-GROWTH IN COUNTRY LAKE (PORTAGE CO., OHIO). *Ohio J. Sci.* 79: 95. Apr. 1979. Abstract only. SFA 24(3)

71-000010 Custer, P. E.; Halverson, F. D.; Malone, J. and Chong, C. V. THE WHITE AMUR AS A BIOLOGICAL CONTROL AGENT OF AQUATIC WEEDS IN THE PANAMA CANAL. *Fisheries (Bull. Am. Fish. Soc.)* 3 (5): 2-9. Sept.-Oct. 1978. SFA 24(1)

71-000011 Edwards, D. J. and Moore, E. CONTROL OF WATER WEEDS BY GRASS CARP IN A DRAINAGE DITCH IN NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 9(3):283-292. Sept. 1975. SFA 21(1).

71-000012 Goeltenboth, F. THE EFFECT OF GLYPHOSATE AND AMETRYN ON THE ROOT TIP MITOSIS OF WATERHYACINTH (/EICHHORNIA CRASSIPES/ (MART) SOLMS). *J. Satya Wacana Res.* 1 (3): 267-281. 1978. SFA 24(4)

71-000013 Goeltenboth, F. THE EFFECT OF TWO BIPYRIDYLIUM DERIVATIVES ON THE ROOT TIP MITOSIS OF /EICHHORNIA CRASSIPES/ (MART.) SOLMES.). *J. Satya Wacana Res.* 1 (4): 345-357. 1978. SFA 24(4)

71-000014 Gorman, M. E. EFFECTS OF AN OVERWINTER DRAWDOWN ON MACROPHYTE DISTRIBUTION, ABUNDANCE, AND COMPOSITION IN A PERMANENT RECREATIONAL POND. *Ohio J. Sci.* 79: 95. Apr. 1979. Abstract only. SFA 24(3)

71-000015 Hanic, L. A. and Pringle, J. D. OUTPLANT METHOD FOR PHENOLOGICAL STUDIES OF /CHONDRUS CRISPUS/ IN MECHANICALLY HARVESTED BEDS. *J. Fish. Res. Board Can.* 35 (3): 336-338. Mar. 1978. In English with French summ. SFA 23(2)

71-000016 Hasegawa, Y. PROGRESS OF /LAMINARIA/ CULTIVATION IN JAPAN. *J. Fish. Res. Board Can.* 33 (4,2): 1002-1006. Apr. 1976. In English with French summ. SFA 21(2).

71-000017 Henderson, S. AN EVALUATION OF THE FILTER FEEDING FISHES, SILVER AND BIGHEAD CARP, FOR WATER QUALITY IMPROVEMENT. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 121-136. 1978. SFA 24(1)

71-000018 Henderson, S. REVIEW OF THE USE OF THE GRASS CARP IN FISHERIES MANAGEMENT IN ARKANSAS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 165-166. 1978. SFA 24(1)

71-000019 Hitchin, G. G. WEED HARVESTING AS A VIABLE LAKE MANAGEMENT TECHNIQUE. *Trent Univ. Biol. Dep. Ecol. Bull.* 2(1):16-20. 1976. SFA 25(1)

71-000020 Kirby, G. E. and Shell, E. W. KARMEX HERBICIDE WITH FERTILIZATION AND AERATION TO CONTROL FILAMENTOUS ALGAE IN HATCHERY PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:279-281. 1975[1976]. SFA 22(4)

71-000021 Lembi, C. A. and Ritenour, B. G. THE WHITE AMUR AS A BIOLOGICAL CONTROL FOR AQUATIC WEEDS IN INDIANA. *Purdue Univ. Water Resour. Res. Cent. Tech. Rep.* No. 95. viii + 95p. Dec. 1977. SFA 23(3)

71-000022 Lembi, C. A.; Ritenour, B. G.; Iverson, E. M. and Forss, E. C. THE EFFECTS OF VEGETATION REMOVAL BY GRASS CARP ON WATER CHEMISTRY AND PHYTOPLANKTON IN INDIANA PONDS. *Trans. Am. Fish. Soc.* 107 (1): 161-171. Jan. 1978. SFA 23(3)

71-000023 Lewis, W. M. OBSERVATIONS ON THE GRASS CARP IN PONDS CONTAINING FINGERLING CHANNEL CATFISH AND HYBRID SUNFISH. *Trans. Am. Fish. Soc.* 107(1):153-155. Jan. 1978. SFA 23(3)

71-000024 Linde, A. F.; Janisch, T. and Smith, D. CATTAIL--THE SIGNIFICANCE OF ITS GROWTH, PHENOLOGY AND CARBOHYDRATE STORAGE TO ITS CONTROL AND MANAGEMENT. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 94. 27p. 1976. SFA 22(3)

71-000025 Macan, T. T. CHANGES IN THE VEGETATION OF A MOORLAND FISHPOND IN TWENTY-ONE YEARS. *J. Ecol.* 65 (1): 95-106. Mar. 1977. SFA 22(3)

71-000026 Miller, G. THE DISTRIBUTION OF AQUATIC WEEDS IN THE FINGER LAKES OF NEW YORK STATE AND RECOMMENDATIONS FOR THEIR CONTROL. *Proc. Rochester Acad. Sci. Inc.* 13(1):25-26. Oct. 1976. Abstract only. SFA 24(1)

71-000027 Mitra, E. A REPORT ON COPPER SULPHATE TREATMENTS OF FISHERY PONDS FOR THE CONTROL OF WEEDS 1952-1970. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 26. 26p. Nov. 1977. SFA 24(1)

71-000028 Mitzner, L. EVALUATION OF BIOLOGICAL CONTROL OF NUISANCE AQUATIC VEGETATION BY GRASS CARP. *Trans. Am. Fish. Soc.* 107 (1): 135-145. Jan. 1978. SFA 23(3)

71-000029 Neish, I. C. ROLE OF MARICULTURE IN THE CANADIAN SEAWEED INDUSTRY. *J. Fish. Res. Board Can.* 33 (4,2): 1007-1014. Apr. 1976. In English with French summ. SFA 21(2).

71-000030 North, W. J. AQUACULTURAL TECHNIQUES FOR CREATING AND RESTORING BEDS OF GIANT KELP, /MACROCYSTIS/ SPP. *J. Fish. Res. Board Can.* 33 (4,2): 1015-1023. Apr. 1976. In English with French summ. SFA 21(2).

71-000031 Ogle, J. TRANSLUCENT TANK FOR ALGAL CULTURE. *Prog. Fish-Cult.* 47(4):191. Oct. 1979. SFA 25(1)

71-000032 Patnaik, S. CONTROL OF SOME AQUATIC VEGETATION IN FISH PONDS AT CUTTACK. *J. Inland Fish. Soc. India* 8: 221-226. Dec. 1976. SFA 24(3)

71-000033 Ramachandran, V.; Ramaprabhu, T. and Reddy, P. V. G. K. OBSERVATIONS ON THE USE OF AMMONIA FOR THE CONTROL OF /PISTIA STRATIOTES/ LINN. *J. Inland Fish. Soc. India* 7: 124-130. Dec. 1975. SFA 24(3)

71-000034 Ramachandran, V.; Ramaprabhu, T. and Reddy, P. V. G. K. A STANDARD FIELD TECHNIQUE OF CLEARANCE OF WATER HYACINTH INFESTATIONS BY CHEMICAL TREATMENT. *J. Inland Fish. Soc. India* 5: 154-161. Dec. 1973. SFA 24(3)

71-000035 Rottmann, R. MANAGEMENT OF WEEDY LAKES AND PONDS WITH GRASS CARP. *Fisheries (Bull. Am. Fish. Soc.)* 2 (5): 8-13. Sept.-Oct. 1977. SFA 23(1)

71-000036 Schuytema, G. S. BIOLOGICAL CONTROL OF AQUATIC NUISANCES--A REVIEW. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-084. viii + 90p. July 1977. SFA 23(3)

71-000037 Shima, L. J.; Anderson, R. R. and Carter, V. P. THE USE OF AERIAL COLOR INFRARED PHOTOGRAPHY IN MAPPING THE VEGETATION OF A FRESHWATER MARSH. *Chesapeake Sci.* 17 (2): 74-85. June 1976. SFA 21(2).

71-000038 Skea, J. C. and Simonin, H. A. EVALUATION OF CUTRINE FOR USE IN FISH CULTURE. *Prog. Fish-Cult.* 47(4):171-174. Oct. 1979. SFA 25(1)

71-000039 Snow, J. R. A TECHNIQUE FOR CONTROLLING WEEDS IN STRIPED BASS REARING PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:322-328. 1977[1979]. SFA 24(4)

71-000040 Stevenson, J. C. and Confer, N. M. SUMMARY OF AVAILABLE INFORMATION ON CHESAPEAKE BAY SUBMERGED VEGETATION. *U.S. Fish Wildl. Serv.* FWS/OBS-78/66. xxii + 335p. Aug. 1978. SFA 24(2)

71-000041 Strange, R. J. and Schreck, C. B. RESPONSE OF AEROBIC COMMUNITY METABOLISM TO CHEMICAL TREATMENT OF AQUATIC MACROPHYTES. *J. Aquatic Plant Manage.* 14:45-50. June 1976. SFA 21(4).

71-000042 Strange, R. J.; Berry, C. R. and Schreck, C. B. AQUATIC PLANT CONTROL AND RESERVOIR FISHERIES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 513-521. 1975. SFA 21(3).

71-000043 Terrell, J. W. and Fox, A. C. MACROPHYTE CONTROL BY GRASS CARP IN CATFISH PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 235-242. 1975. SFA 21(3).

71-000044 Terrell, T. L. T. ENVIRONMENTAL IMPACT OF THE WHITE AMUR (/CTENOPHARYNGODON IDELLA/ VAL.) ON SOME GEORGIA PONDS. *Ph. D. dissertation, Univ. Ga.* 122p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-000045 Theriot, R. F. and Decell, J. L. LARGE-SCALE OPERATIONS MANAGEMENT TEST OF THE USE OF THE WHITE AMUR TO CONTROL AQUATIC PLANTS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 220-229. 1978. SFA 24(1)

71-000046 Timotius, K. H. and Mulyadi, Y. LEAF-SPOT FUNGI ISOLATED FROM WATER HYACINTH LEAVES IN THE RAWA PENING LAKE, CENTRAL JAVA. *J. Satya Wacana Res.* 1 (3): 262-266. 1978. SFA 24(4)

71-000047 Yamada, N. CURRENT STATUS AND FUTURE PROSPECTS FOR HARVESTING AND RESOURCE MANAGEMENT OF THE AGAROPHYTE IN JAPAN. *J. Fish. Res. Board Can.* 33 (4,2): 1024-1030. Apr. 1976. In English with French summ. SFA 21(2).

71-000048 Yefimova, T. A. and Nikanorov, Yu. I. PROSPECTS FOR THE INTRODUCTION OF PHYTOPHAGOUS FISHES INTO IVAN'KOVSKOYE RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(4):634-644. 1977. SFA 23(4)

GENERAL FISH CULTURE

71-000049 Ackefors, H. and Rosen, C.-G. FARMING AQUATIC ANIMALS. THE EMERGENCE OF A WORLD-WIDE INDUSTRY WITH PROFOUND ECOLOGICAL CONSEQUENCES. *Ambio* 8(4):132-143. 1979. SFA 24(4)

71-000050 Adams, J. C.; Kilambi, R. V.; Wickizer, W. A. and Brown, A. V. CHANGES IN MACROBENTHOS POPULATIONS IN AN ARKANSAS RESERVOIR SUBSEQUENT TO CAGE CULTURE OF FISH. *Presented at the 24th Annu. Meeting, N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-000051 Ananiadis, C. I. FISH FARMING DEVELOPMENT PROSPECTS IN GREECE. *Fish Farming Int.* 4(3):16-17. Sept. 1977. SFA 23(4)

71-000052 Anonymous. HATCHERIES SOVIET STYLE. *Fish Farming Int.* 5(1):16-17. Mar. 1978. SFA 23(4)

71-000053 Anonymous. PLAN FOR AQUACULTURE IN THE UNITED STATES. *Fish Farming Int.* 4(3):34-37. Sept. 1977. SFA 23(4)

71-000054 Anonymous. PROPAGATION AND DISTRIBUTION OF FISH FROM NATIONAL FISH HATCHERIES FOR FISCAL YEAR 1976. *U.S. Fish Wildl. Serv. Fish Dist. Rep.* 11. 65p. 1979. SFA 25(2)

71-000055 Avault, J. W., Jr., (ed.). PROCEEDINGS OF THE SEVENTH ANNUAL MEETING WORLD MARICULTURE SOCIETY. *La. State Univ., Baton Rouge* 729p. 1976. SFA 22(4)

71-000056 Ayles, G. B. and Brett, J. R. WORKSHOP ON AQUACULTURE RESEARCH AND DEVELOPMENT IN CANADA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 750. iv + 20p. Jan. 1978. In English with French Summ. SFA 23(4)

71-000057 Bailey, W. M.; Gibson, M. D.; Newton, S. H.; Martin, J. M. and Gray, D. L. STATUS OF COMMERCIAL AQUACULTURE IN ARKANSAS IN 1975. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:246-250. 1976[1978]. SFA 24(1)

71-000058 Bardach, J. E. AQUACULTURE REVISITED. *J. Fish. Res. Board Can.* 33(4,2):880-887. Apr. 1976. In English with French summ. SFA 21(2).

71-000059 Bayne, D. R. PROGRESS REPORT ON FISHERIES DEVELOPMENT IN EL SALVADOR. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 7. 11p. Apr. 1974. SFA 24(1)

71-000060 Bohl, M. SOME INITIAL AQUACULTURE EXPERIMENTS IN RECIRCULATING WATER SYSTEMS. *Aquaculture* 11(4):323-328. Aug. 1977. SFA 23(1)

71-000061 Bravo, S. A. STUDY OF THE BANGUS FISHING INDUSTRY: PROSPECTS AND PROBLEMS, BENEFIT-COST ANALYSIS APPROACH. *Philipp. J. Fish.* 14(1):57-87. Jan.-June 1976. SFA 24(2)

71-000062 Brown, E. E. THE FOOD, BAIT, TROPICAL AND GOLDFISH INDUSTRIES IN THE U.S.A. *Riv. It. Piscic. Ittiop.* 14(4):117-122. Oct.-Nov.-Dec. 1979. In English and Italian. SFA 25(2)

71-000063 Bruley, G. K. and J. L. Horton. CALIFORNIA TROUT, SALMON, AND WARMWATER FISH PRODUCTION AND COSTS, 1978-79. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 80-1. 48p. Jan. 1980. SFA 25(2)

71-000064 Bruley, G. K. and Horton, J. L. CALIFORNIA TROUT, SALMON, AND WARMWATER FISH PRODUCTION AND COSTS, 1977-78. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 78-3. 49p. Oct. 1978. SFA 24(1)

71-000065 Buck, D. H. THE INTEGRATION OF AQUACULTURE WITH AGRICULTURE. *Fisheries (Bull. Am. Fish. Soc.)* 2(6):11-12, 15-16. Nov.-Dec. 1977. SFA 23(2)

71-000066 Bull-Berg, L. PRESENT STATUS OF LAWS AND REGULATIONS CONCERNING THE ENVIRONMENT OF FISH FARMS IN FRANCE, ITALY, GERMANY, AUSTRIA, IRELAND, DENMARK AND NORWAY. *Riv. It. Piscic. Ittiop.* 12(2):37-41. Apr.-Mar.-June 1977. In English and Italian. SFA 23(1)

71-000067 Chien, Y.-H. and J. W. Avault, Jr. PRODUCTION OF CRAYFISH IN RICE FIELDS. *Prog. Fish-Cult.* 42(2):67-71. Apr. 1980. SFA 25(3)

71-000068 Coche, A. G. REVUE DES PRATIQUES D'ELEVAGE DE POISSONS EN CAGES DANS LES EAUX CONTINENTALES. [A REVIEW OF FISH CAGE CULTURE AS PRACTISED IN INLAND WATERS.] *Aquaculture* 13(2):157-189. Feb. 1978. In French with English summ. SFA 23(3)

71-000069 Collins, M. T.; Gratzek, J. B.; Dawe, D. L. and Nemetz, T. G. EFFECTS OF ANTIBACTERIAL AGENTS ON NITRIFICATION IN AN AQUATIC RECIRCULATING SYSTEM. *J. Fish. Res. Board Can.* 33(2):215-218. Feb. 1976. In English with French summ. SFA 21(1).

71-000070 Das, P.; Kumar, D. and Guha Roy, M. K. NATIONAL DEMONSTRATION ON COMPOSITE FISH CULTURE IN WEST BENGAL. *J. Inland Fish. Soc. India* 7:112-115. Dec. 1975. SFA 24(3)

71-000071 Easley, J. E., Jr. RESPONSE OF COSTS AND RETURNS TO ALTERNATIVE FEED PRICES AND CONVERSIONS IN AQUACULTURE SYSTEMS. *Mar. Fish. Rev.* 39(5):15-17. May 1977. SFA 22(4)

71-000072 Edwardson, W. ENERGY DEMANDS OF AQUACULTRUE--A WORLDWIDE SURVEY. *Fish Farming Int.* 3(4):10-13. Dec. 1976. SFA 22(4)

71-000073 FAO of the UN. FRESHWATER FISH FARMING IN CHINA. *Fish Farming Int.* 4(3):18-23. Sept. 1977. SFA 23(4)

71-000074 FAO of the UN. REPORT OF THE TECHNICAL CONFERENCE ON AQUACULTURE. KYOTO, JAPAN, 26 MAY-2 JUNE 1976. *FAO Fish. Rep.* No. 188. iii + 93p. Dec. 1976. SFA 24(2)

71-000075 FAO of the UN. WORKSHOP ON CONTROLLED REPRODUCTION OF CULTIVATED FISHES. REPORT AND RELEVANT PAPERS. REUNION SUR LA REPRODUCTION CONTROLEE DES POISSONS D'ELEVAGE. RAPPORT ET COMMUNICATIONS APPARENTEES. *EIFAC Tech. Pap.* No. 25. 180p. 1975. In English and French. SFA 22(4)

71-000076 Fontaine, M. HORMONES AND THE CONTROL OF REPRODUCTION IN AQUACULTURE. *J. Fish. Res. Board Can.* 33(4,2):922-939. Apr. 1976. In English with French summ. SFA 21(2).

71-000077 Garling, D. L., Jr.; L. A. Helfrich and G. D. Hutton. EDUCATIONAL FACILITIES AND PROGRAMS AT STATE AND FEDERAL FISH HATCHERIES IN THE SOUTHEASTERN UNITED STATES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:774-779. 1978[1979]. SFA 25(2)

71-000078 Geer, W. H. CHARACTERIZATION AND EVALUATION OF UTAH DIVISION OF WILDLIFE RESOURCES FISH HATCHERY WATER. *Utah State Div. Wildl. Resour. Publ.* No. 77-11. vii + 110p. 1977. SFA 23(2)

71-000079 Geffen, A. ROTATING FISH CAGES TO PREVENT FOULING. *Aquaculture* 16(1):83-85. Jan. 1979. SFA 24(2)

71-000080 Gerking, S. D. FRESHWATER FISH--A GLOBAL FOOD POTENTIAL. *Ambio* 6(1):39-43. 1977. SFA 22(4)

71-000081 Ghittino, P. ASPETTI TECNICI E PATOLOGICI SALIENTI NELLE PRINCIPALI FORME DI PISCICOLTURA. [SALIENT TECHNICAL AND PATHOLOGICAL ASPECTS OF THE MAIN FISH CULTURE FORMS.] *Atti Soc. Ital. Sci. Vet.* 31:301-308. 1977. In Italian with English summ. SFA 23(4)

71-000082 Ghittino, P. PISCICOLTURA INTENSIVA IN GABBIE GALLEGGIANTI: UN'IDEA PER SFRUTTARE ZOOTECNICAMENTA MOLTI LAGHETTI. [INTENSIVE FISH FARMING IN FLOATING CAGES: AN IDEA FOR FISH-HUSBANDRY EXPLOITATION OF MANY SMALL LAKES.] *Riv. It. Piscic. Ittiop.* 13(2):33-34. Apr.-May-June 1978. In Italian with English summ. SFA 24(1)

71-000083 Giudice, J. PROPER CONSTRUCTION OF FISH PONDS IS ONE KEY TO PROFITABLE OPERATIONS. *Commer. Fish Farmer* 4(2):25-27. Jan. 1978. SFA 23(2)

71-000084 Glude, J. B. THE ROLE OF FEDERAL AGENCIES IN AQUACULTURE. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:33-47. 1976. SFA 22(4)

71-000085 Gorbunov, K. V.; A. F. Sokol'skii and N. I. Tamrazova. CORRELATIONS BETWEEN PHYTOPLANKTON AND BACTERIOPLANKTON PRODUCTION AND FISH PRODUCTIVITY IN FISH HATCHERY PONDS OF THE VOLGA DELTA. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 10(3):223-229. Jan. 1980. SFA 25(2)

71-000086 Hennessy, S. L. SOME POTENTIAL USES OF INDUSTRIAL WASTE WATER IN FISH CULTURE. *Cal-Neva Wildl. Trans.* 1977:118-124. 1977. SFA 23(3)

71-000087 Hirose, K. ENDOCRINE CONTROL OF OVULATION IN MEDAKA (/ORYZIAS LATIPES/) AND AYU (/PLECOGLOSSUS ALTIVELIS/). *J. Fish. Res. Board Can.* 33(4,2):989-994. Apr. 1976. In English with French summ. SFA 21(2).

71-000088 Holden, C. GOVERNMENT SEEKING WAYS TO ENCOURAGE AQUACULTURE. *Science* 200(4337):33-35. 7 Apr. 1978. SFA 23(3)

71-000089 Hopkins, M. L. and McCoy, E. W. MARKETING OF FISHERIES PRODUCTS BY MUNICIPAL FISHERMAN IN PANQUIL BAY, PHILIPPINES. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 11. 12p. Nov. 1976. SFA 24(1)

71-000090 Horton, H. F. and Ott, A. G. CRYOPRESERVATION OF FISH SPERMATOZOA AND OVA. *J. Fish. Res. Board Can.* 33(4,2):995-1000. Apr. 1976. In English with French summ. SFA 21(2).

71-000091 Hughes, D. G. PROGRESS REPORT ON FISHERIES DEVELOPMENT IN EL SALVADOR, AUG. 1974-MAY 1976. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 15. 16p. Oct. 1977. SFA 24(1)

71-000092 Ihssen, P. SELECTIVE BREEDING AND HYBRIDIZATION IN FISHERIES MANAGEMENT. *J. Fish. Res. Board Can.* 33(2):316-321. Feb. 1976. In English with French summ. SFA 21(1).

71-000093 Inaba, D. [PRESENT STATUS AND FUTURE PROSPECTS OF LARGE SCALE CULTURE AND PROPAGATION OF IMPORTANT AQUATICS IN JAPAN.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:7-12. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-000094 Inaba, D. [PRESENT STATUS AND FUTURE PROSPECTS OF LARGE SCALE CULTURE AND PROPAGATION OF IMPORTANT AQUATICS IN JAPAN.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 7-12. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-000095 Jalabert, B. IN VITRO OOCYTE MATURATION AND OVULATION IN RAINBOW TROUT (/SALMO GAIRDNERI/), NORTHERN PIKE (ESOX LUCIUS/), AND GOLDFISH (/CARASSIUS AURATUS/). *J. Fish. Res. Board Can.* 33(4,2):974-988. Apr. 1976. In English with French summ. SFA 21(2).

71-000096 Jeffries, E. R. PROCEEDINGS OF THE THIRTIETH ANNUAL NORTHWEST FISH CULTURE CONFERENCE. *Proc. Annu. Northwest Fish Cult. Conf.* 30:1-154. Dec. 1979 (1980). SFA 25(4)

71-000097 Jenio, F. and See, C. COMPARISON OF BENTHIC INVERTEBRATES ABOVE AND BELOW A TROUT HATCHERY DISCHARGE. *Proc. W. Va. Acad. Sci.* 48(1):21. 1976. Abstract only. SFA 21(2).

71-000098 Jensen, J. W. PROGRESS REPORT ON FISHERIES DEVELOPMENT IN NORTHEAST BRAZIL. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 10. 7p. Jan. 1976. SFA 24(1)

71-000099 Jhingran, V. G. RECENT ADVANCES IN INLAND AQUACULTURE IN INDIA. *J. Bombay Nat. Hist. Soc.* 75(3):589-599. Dec. 1978. SFA 25(2)

71-000100 Jhingran, V. G. and Gopalakrishnan, V. ESTUARINE FISHERIES RESOURCES OF INDIA IN RELATION TO ADJACENT SEAS. *J. Mar. Biol. Assoc. India* 15(1):323-334. 1973. SFA 24(3)

71-000101 Jhingran, V. G. SOME ASPECTS OF BRACKISHWATER AQUACULTURE IN INDIA. *Bull. Dep. Mar. Sci. Univ. Cochin* 7(1):25-29. 1975. SFA 24(3)

71-000102 Jhingran, V. G.; Gopalakrishnan, V.; Ray, P. and Ghosh, A. METHODOLOGY FOR SURVEY OF BRACKISHWATER AREAS IN INDIA FOR COASTAL AQUACULTURE. *FAO Indo-Pac. Fish. Counc. Occas. Pap.* 72/1. 36p. 1972. SFA 24(3)

71-000103 Johnson, P. W. and Sieburth, J. McN. IN SITU MORPHOLOGY OF NITRIFYING-LIKE BACTERIA IN AQUACULTURE SYSTEMS. *Appl. Environ. Microbiol.* 31(3):423-432. Mar. 1976. SFA 21(4)

71-000104 Kikuchi, W. K. PREHISTORIC HAWAIIAN FISHPONDS. *Science* 193(4250):295-299. July 1976. SFA 21(3).

71-000105 Kilambi, R. V.; Adams, J. C. and Wickizer, W. A. EFFECTS OF CAGE CULTURE ON GROWTH, ABUNDANCE, AND SURVIVAL OF RESIDENT LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *J. Fish. Res. Board Can.* 35(1):157-160. Jan. 1978. In English with French summ. SFA 23(2)

71-000106 Kutty, M. N. AQUACULTURE IN SOUTH EAST ASIA: SOME POINTS OF EMPHASIS. *Aquaculture* 20(3):159-168. July 1980. SFA 25(4)

71-000107 Landless, P. J. THE USE OF WASTES IN FISH FARMING. *Fish Farming Int.* 5(1):12-13, 15. Mar. 1978. SFA 23(4)

71-000108 Lanier, J. A. and Collines, E. V. THE NATIONAL AQUACULTURE INFORMATION SYSTEM (NAIS). *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:63-67. 1976. SFA 22(4)

71-000109 Leith, D. A., (Chairman). PROCEEDINGS OF THE TWENTY-NINTH ANNUAL NORTHWEST FISH CULTURE CONFERENCE. *Proc. Annu. Northwest Fish Cult. Conf.* 29:v + 114p. 1979. SFA 25(2)

71-000110 Lewis, W. M. and Buynak, G. L. EVALUATION OF A REVOLVING PLATE TYPE BIOFILTER FOR USE IN RECIRCULATED FISH PRODUCTION AND HOLDING UNITS. *Trans. Am. Fish. Soc.* 105(6):704-708. Nov. 1976. SFA 22(1)

71-000111 Lovell, R. T. FISH CULTURE IN THE UNITED STATES. *Science* 206(4425):1368-1372. 21 Dec. 1979. SFA 25(1)

71-000112 Lovell, R. T. FISH CULTURE IN POLAND. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 16. 7p. Nov. 1977. SFA 24(1)

71-000113 Lovshin, L. L. PROGRESS REPORT ON FISHERIES DEVELOPMENT IN NORTHEAST BRAZIL, JULY 1, 1975-DEC. 31, 1976. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 14. 11p. July 1977. SFA 24(1)

71-000114 Lovshin, L. PROGRESS REPORT ON FISHERIES DEVELOPMENT IN NORTHEAST BRAZIL. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 19. 11p. Apr. 1975. SFA 24(1)

71-000115 Martin, J. M. RESEARCH BY THE U.S. FISH AND WILDLIFE TO AID FISH FARMERS, WITH EMPHASIS ON THE RESEARCH PROGRAM AT THE FISH FARMING EXPERIMENTAL STATION. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 78-85. 1978. SFA 24(1)

71-000116 Martin, M. DESPITE MAJOR PROBLEMS, THE LONG-TERM FUTURE OF FISH FARMING APPEARS BRIGHT. *Commer. Fish Farmer* 4(2):38, 40-41. Jan. 1978. SFA 23(2)

71-000117 Matsuda, Y. IMPLICATIONS OF THE JAPANESE EXPERIENCE IN AQUACULTURE DEVELPMENT FOR THIRTY-THREE FOOD-SHORT COUNTRIES. *Oceans '78: Fourth Annu. Conf. Mar. Technol. Soc., Washington, DC and Inst. Elec. Electron. Eng., Inc., New York* 4:188-198. 1978. SFA 24(1)

71-000118 Matsuda, Y. THE GROWTH OF AQUACULTURE IN DEVELOPING COUNTRIES: POTENTIALS, PATTERNS, AND PITFALLS. *Fisheries (Bull. Am. Fish. Soc.)* 3(4):2-4, 6. July-Aug. 1978. SFA 24(2)

71-000119 McCoy, E. W. ECONOMIC ANALYSIS OF THE INLAND FISHERIES PROJECT IN EL SALVADOR. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 16. 15p. Feb. 1974. SFA 24(1)

71-000120 McLarney, B. and Todd, J. AQUACULTURE ON A REDUCED SCALE. *Commer. Fish Farmer* 3(6):10,12-17. Sept. 1977. SFA 23(1)

71-000121 Milne, P. H. ENGINEERING AND THE ECONOMICS OF AQUACULTURE. *J. Fish. Res. Board Can.* 33(4,2):888-898. Apr. 1976. In English with French summ. SFA 21(2).

71-000122 Mistakidis, M. N. MARINE FISH CULTURE IN THE THIRD WORLD. *Fish Farming Int.* 5(1):30-35. Mar. 1978. SFA 23(4)

71-000123 Muench, K. A. THE ROLE OF THE ELECTRIC UTILITIES INDUSTRY IN DEVELOPING THE USE OF THERMAL EFFLUENT IN AQUACULTURE. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:535-541. 1976. SFA 22(4)

71-000124 National Oceanic and Atmospheric Administration. NOAA AQUACULTURE PLAN. *National Oceanic and Atmospheric Administration, Washington, D.C.* vi + 41p. May 1977. SFA 22(3)

71-000125 Orth, D. J. APPLICATIONS OF OPERATIONS RESEARCH AND SYSTEMS SCIENCE IN AQUACULTURE. *Fisheries (Bull. Am. Fish. Soc.)* 5(1):7-9. Jan.-Feb. 1980. SFA 25(2)

71-000126 Parker, N. C. and Broussard, M. C., Jr. SELECTED BIBLIOGRAPHY OF WATER REUSE SYSTEMS FOR AQUACULTURE. *Tex. Agric. Exp. Stn. Misc. Publ.* No. 1314. 34p. June 1977. SFA 23(1)

71-000127 Parkman, R. W. and McCoy, E. W. FISH MARKETING IN EL SALVADOR. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 12. 19p. Jan. 1977. SFA 24(1)

71-000128 Parkman, R. W. and McCoy, E. W. MARKETING AS A FACTOR IN FISHCULTURE DEVELOPMENT IN EL SALVADOR. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 13. 8p. Feb. 1977. SFA 24(1)

71-000129 Persoone, G. PROGRESS REPORT--THE POSSIBLE FOUNDATION OF A EUROPEAN MARICULTURE SOCIETY (EMS) AFFILIATE OF THE WORLD MARICULTURE SOCIETY (WMS). *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:49-62. 1976. SFA 22(4)

71-000130 Pettigrew, T.; Henderson, E. B.; Saunders, R. L. and Sochasky, J. B. A REVIEW OF WATER RECONDITIONING RE-USE TECHNOLOGY FOR FISH CULTURE, WITH A SELECTED BIBLIOGRAPHY. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 801. iv + 19p. June 1978. In English with French summ. SFA 24(1)

71-000131 Policastro, A. S. CODDLING TROUT. *Oceans* 12(2):27-28. Mar.-Apr. 1979. SFA 24(3)

71-000132 Prabhakara Rao, A. V. and Gopalakrishnan, V. SEED RESOURCES AND BIONOMICS OF CULTURABLE BRACKISHWATER FISHES OF INDIA. *J. Inland Fish. Soc. India* 7:142-155. Dec. 1975. SFA 24(3)

71-000133 Pritchard, G. I. STRUCTURED AQUACULTURE DEVELOPMENT WITH A CANADIAN PERSPECTIVE. *J. Fish. Res. Board Can.* 33(4,1):855-870. Apr. 1976. In English with French summ. SFA 21(2).

71-000134 Sarig, S. FISHERIES AND FISH CULTURE IN ISRAEL IN 1978. *Bamidgeh* 31(4):83-95. Dec. 1979. SFA 25(2)

71-000135 Scanlon, P. F.; L. A. Helfrich and R. E. Stultz. EXTENT AND SEVERITY OF AVIAN PREDATION AT FEDERAL FISH HATCHERIES IN THE UNITED STATES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:470-473. 1978[1979]. SFA 25(2)

71-000136 Schmittou, H. R. AQUACULTURAL SURVEY IN JAPAN. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 5. 18p. Mar. 1973. SFA 24(1)

71-000137 Severson, R. F. A PERSPECTIVE ON AQUACULTURE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:236-240. 1976. SFA 23(2)

71-000138 Sribhibhadh, A. ROLE OF AQUACULTURE IN ECONOMIC DEVELOPMENT WITHIN SOUTHEAST ASIA. *J. Fish. Res. Board Can.* 33(4,2):899: Apr. 1976. In English with French summ. Abstract only. SFA 21(2).

71-000139 Stanley, J. G. and Jones, J. B. INCUBATORS FOR SEMIBUOYANT EGGS. *Prog. Fish-Cult.* 38(2):98. Apr. 1976. SFA 21(3).

71-000140 Stein, H. and Bayrle, H. CRYOPRESERVATION OF THE SPERM OF SOME FRESHWATER TELEOSTS. *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1073-1076. 1978. SFA 24(1)

71-000141 Street, D. R. AN ECONOMIC ASSESSMENT OF JAMAICA'S FISH CULTURE PROGRAM. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 19. 8p. Aug. 1978. SFA 24(1)

71-000142 Street, D. R. THE SOCIOECONOMIC IMPACT OF FISHERIES PROGRAMS IN EL SALVADOR. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 17. 14p. Feb. 1978. SFA 24(1)

71-000143 Stultz, R. E.; Scanlon, P. F. and Helfrich, L. A. AVIAN PREDATION AT UNITED STATES FISH HATCHERIES. *Va. J. Sci.* 29(2):69. 1978. Abstract only. SFA 24(4)

71-000144 Tal, S. THE CONCEPT OF AQUACULTURE. *Bamidgeh* 31(2):23-25. June 1979. SFA 25(1)

71-000145 Tripathi, Y. R. ADMINISTRATIVE AND FINANCIAL PROBLEMS OF PISCICULTURE. *J. Inland Fish. Soc. India* 6:172-174. Dec. 1974.

71-000146 U.S. Fish and Wildlife Service. PROPAGATION AND DISTRIBUTION OF FISHES FROM NATIONAL FISH HATCHERIES FOR THE FISCAL YEAR 1974. *U.S. Fish Wildl. Serv. Fish. Dist. Rep.* 9. 62p. 1975. SFA 21(1).

71-000147 Varley, R. L. ECONOMICS OF FISH FARMING IN THE UNITED KINGDOM. *Fish Farming Int.* 4(1):17-19. Mar. 1977. SFA 23(4)

71-000148 Vondruska, J. AQUACULTURAL ECONOMICS BIBLIOGRAPHY. *NOAA Tech. Rep. NMFS SSRF* 703. 123p. Oct. 1976. SFA 22(1)

71-000149 Vorobieva, N. K.; Chechun, T. Y. and Romanenko, V. F. RESULTS OF EXPERIMENTAL WORK CARRIED OUT ON PRODUCING BROOD STOCKS OF THE STEELHEAD TROUT AND THE STRIPED BASS IN THE AZOV-BLACK SEA BASIN. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:189-192. 1976[1977]. SFA 24(4)

71-000150 Yamazaki, F. APPLICATION OF HORMONES IN FISH CULTURE. *J. Fish. Res. Board Can.* 33(4,2):948-958. Apr. 1976. In English with French summ. SFA 21(2).

71-000151 Zeitoun, I. H.; Ullrey, D. E.; Magee, W. T.; Gill, J. L. and Bergen, W. G. QUANTIFYING NUTRIENT REQUIREMENTS OF FISH. *J. Fish. Res. Board Can.* 33(1):167-172. Jan. 1976. In English with French summ. SFA 21(1).

TROUT AND SALMON CULTURE

71-000152 Aldridge, C. H. HATCHERIES HELP SAVE NEW BRUNSWICK SALMON FISHERIES. *Fish Farming Int.* 3(3):8-11. Sept. 1976. SFA 22(4)

71-000153 Anderson, D. and Woods, D. E. EVALUATION OF INTENSIVE INBREEDING FOR SELECTION OF TROUT BROOD STOCK. *Minn. Dep. Nat. Resour. Sect. Fish. Invest. Rep.* no. 364. i + 31p. Mar. 1979. SFA 24(3)

71-000154 Aro, K. V. TRANSFERS OF EGGS AND YOUNG OF PACIFIC SALMON WITHIN BRITISH COLUMBIA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 861. iv + 147p. Mar. 1979. In English with French summ. SFA 24(4)

71-000155 Ayles, G. B.; Lark, J. G. I.; Barica, J. and Kling, H. SEASONAL MORTALITY OF RAINBOW TROUT (/SALMO GAIRDNERI/) PLANTED IN SMALL EUTROPHIC LAKES OF CENTRAL CANADA. *J. Fish. Res. Board Can.* 33(4,1):647-655. Apr. 1976. In English with French Summ. SFA 21(2).

71-000156 Babushkin, Yu. P. A COMPARATIVE MORPHOLOGICAL DESCRIPTION OF MALE RAINBOW TROUT [/SALMO IRIDEUS/] FROM DIFFERENT GROUPS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):717-726. 1974. SFA 21(2).

71-000157 Bailey, J. E.; Pella, J. J. and Taylor, S. G. PRODUCTION OF FRY AND ADULTS OF THE 1972 BROOD OF PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, FROM GRAVEL INCUBATORS AND NATURAL SPAWNING AT AUKE CREEK, ALASKA. *NOAA Fish. Bull.* 74(4):961-971. Oct. 1976. SFA 22(2)

71-000158 Balderston, W. L. and Sieburth, J. McN. NITRATE REMOVAL IN CLOSED-SYSTEM AQUACULTURE BY COLUMNAR DENITRIFICATION. *Appl. Environ. Microbiol.* 32(6):808-818. Dec. 1976. SFA 22(1)

71-000159 Bams, R. A. EVALUATION OF GRAVEL INCUBATORS ON THE THIRD CYCLE OF TSOLUM RIVER PINK SALMON, 1972-74. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 871. iv + 31p. Mar. 1979. In English with French summ. SFA 25(2)

71-000160 Bauernfeind, J. C. CANTHAXANTHIN: A PIGMENTER FOR SALMONIDS. *Prog. Fish-Cult.* 38(4):180-183. Oct. 1976. SFA 21(4).

71-000161 Billard, R. A NEW TECHNIQUE OF ARTIFICIAL INSEMINATION FOR SALMONIDS USING A SPERM DILUENT. *Fisheries (Bull. Am. Fish. Soc.)* 2(1):24-25. Jan.-Feb. 1977. SFA 22(3)

71-000162 Blanc, J. M. and Chevassus, B. INTERSPECIC HYBRIDIZATION OF SALMONID FISH. I. HATCHING AND SURVIVAL UP TO THE 15TH DAY AFTER HATCHING IN F1 GENERATION HYBRIDS. *Aquaculture* 18(1):21-34. Sept. 1979. SFA 25(1)

71-000163 Boydstun, L. B. and Hopelain, J. S. CAGE REARING OF STEELHEAD RAINBOW TROUT IN A FRESHWATER IMPOUNDMENT. *Prog. Fish-Cult.* 39(2):70-75. Apr. 1977. SFA 22(3)

71-000164 Busack, C. A. and G. A. E. Gall. ANCESTRY OF ARTIFICIALLY PROPAGATED CALIFORNIA RAINBOW TROUT STRAINS. *Calif. Fish Game* 66(1):17-24. Jan. 1980. SFA 25(2)

71-000165 Buyanov, N. I.; Rozhdestvenskaya, A. D.; Laptev, M. I. and Stepanova, V. D. THE USE OF THERMAL EFFLUENT FROM THE KOLA ATOMIC POWER STATION FOR THE REARING OF MARKETABLE FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):996-1000. 1976. SFA 23(3)

71-000166 Carpentier, P. and Billard, R. CONSERVATION A COURT TERME DES GAMETES DE SALMONIDES A DES TEMPERATURES VOISINES DE 0°C. [SHORT TERM PRESERVATION OF GAMETES IN SALMONIDS.] *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1083-1088. 1978. In French with English summ. SFA 24(1)

71-000167 Clarke, W. C.; Griffioen, W. and Solmie, A. A FACTORIAL MATING STUDY COMPARING THE FERTILITY OF PEN-REARED AND WILD COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 748. iii + 9p. Dec. 1977. In English with French summ. SFA 23(3)

71-000168 Colberg, P. J. and Lingg, A. J. EFFECT OF OZONATION ON MICROBIAL FISH PATHOGENS, AMMONIA, NITRATE, NITRITE, AND BOD IN SIMULATED REUSE HATCHERY WATER. *J. Fish. Res. Board Can.* 35(10):1290-1296. Oct. 1978. In English with French summ. SFA 24(1)

71-000169 Combs, E. R.; Mayo, R. D. and Nash, C. E. A PRELIMINARY PHYSICAL AND ECONOMIC DESCRIPTION OF A PACIFIC SALMON HATCHERY IN SOUTHERN CHILE. *Proc. Annu. Meeting World Maricult. Soc.* 9:425-430. 1978. SFA 24(3)

71-000170 Crim, L. W. and Evans, D. M. GONADOTROPIC HORMONE TREATMENT OF RAINBOW TROUT (/SALMO GAIRDNERI/): PLASMA HORMONE PROFILE FOLLOWING A SINGLE INJECTION. *J. Fish. Res. Board Can.* 33(12):2841-2844. Dec. 1976. In English with French summ. SFA 22(1)

71-000171 Dahlberg, M. L.; Bailey, J. E. and Pinette, W. S. EVALUATION OF THREE METHODS OF HANDLING GAMETES OF SOCKEYE SALMON FOR TRANSPORT TO INCUBATION FACILITIES. *Prog. Fish-Cult.* 40(2):71-72. Apr. 1978. SFA 23(3)

71-000172 Davis, R. H., Jr. EVALUATION OF GROWTH OF INBRED LINES AND THEIR F(1) HYBRIDS IN BROOK TROUT, /SALVELINUS FONTINALIS/, BROWN TROUT, /SALMO TRUTTA/, AND RAINBOW TROUT, /SALMO GAIRDNERI/. *Ph. D. dissertation, Pa. State Univ.* 112p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-000173 Donaldson, L. R. and Brannon, E. L. THE USE OF WARMED WATER TO ACCELERATE THE PRODUCTION OF COHO SALMON. *Fisheries (Bull. Am. Fish. Soc.)* 1(4):12-16. July-Aug. 1976. SFA 21(3).

71-000174 Edwards, D. J. SELF-HELP GROUPS DEVELOP NORWAY SALMON FARMS. *Fish Farming Int.* 4(4):17-20. Dec. 1977. SFA 23(4)

71-000175 Edwards, D. J. TWO SALMON STATIONS IN WESTERN NORWAY LINK RESEARCH TO COMMERCIAL FARMING. *Fish Farming Int.* 3(2):4-8. June 1976. SFA 22(4)

71-000176 Edwards, D. J. TEN YEAR STRUGGLE TO SUCCESS--A REPORT ON EUROPE'S LEADING SALMON FARMING VENTURE. *Fish Farming Int.* 3(4):16-20. Dec. 1976. SFA 22(4)

71-000177 Fagerlund, U. H. M. and H. M. Dye. DEPLETION OF RADIOACTIVITY FROM YEARLING COHO SALMON (*ONCORHYNCHUS KISUTCH*) AFTER EXTENDED INGESTION OF ANABOLICALLY EFFECTIVE DOSES OF 17α-METHYLTESTOSTERONE-1,2-^{3}H. *Aquaculture* 18(4):303-315. Dec. 1979. SFA 25(2)

71-000178 Fagerlund, U. H. M.; D. A. Higgs; J. R. McBride; M. D. Plotnikoff and B. S. Dosanjh. THE POTENTIAL FOR USING THE ANABOLIC HORMONES 17α-METHYLTESTOSTERONE AND (OR) 3,5,3'-TRIIODO-*L*-THYRONINE IN THE FRESH WATER REARING OF COHO SALMON (*ONCORHYNCHUS KISUTCH*) AND THE EFFECTS ON SUBSEQUENT SEAWATER PERFORMANCE. *Can. J. Zool.* 58(8):1424-1432. Aug. 1980. In English with French summ. SFA 25(4)

71-000179 Fagerlund, U. H. M. and McBride, J. R. DISTRIBUTION AND DISAPPEARANCE OF RADIOACTIVITY IN BLOOD AND TISSUES OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) AFTER ORAL ADMINISTRATION OF ^{3}-TESTOSTERONE. *J. Fish. Res. Board Can.* 35(6):893-900. June 1978. In English with French summ. SFA 23(3)

71-000180 Forster, J. R. M.; Harman, J. P. and Smart, G. R. WATER ECONOMY--ITS EFFECT ON TROUT FARM PRODUCTION. *Fish Farming Int.* 4(1):10-13. Mar. 1977. SFA 23(4)

71-000181 Fyock, O. L. NITRIFICATION REQUIREMENTS OF WATER RE-USE SYSTEMS FOR RAINBOW TROUT. *Colo. Div. Wildl. Spec. Rep.* no. 41. 31p. Feb. 1977. SFA 22(3)

71-000182 Ghittino, P. MORTALITA' DA CAUSE NON IDENTIFICABILI IN TROTICOLTURA E SUA INCIDENZA PERCENTUALE. [MORTALITY (IN PERCENT) BY UNIDENTIFIED FACTORS IN FISH FARMING.] *Riv. It. Piscic. Ittiop.* 15(2):33-35. Apr.-May-June 1980. In Italian with English summ. SFA 25(4)

71-000183 Ghittino, P. SIMPOSIO INTERNAZIONALE SULLE MALATTIE DEI SALMONIDI DI ALLEVAMENTO. [INTERNATIONAL SYMPOSIUM ON DISEASES OF CULTURED SALMONIDS.] *Riv. It. Piscic. Ittiop.* 12(4):113-116. Oct.-Nov.-Dec. 1977. In Italian with English summ. SFA 23(2)

71-000184 Gjedrem, T. POSSIBILITIES FOR GENETIC IMPROVEMENTS IN SALMONIDS. *J. Fish. Res. Board Can.* 33(4,2):1094-1099. Apr. 1976. In English with French summ. SFA 21(2).

71-000185 Glen, D. IRISH SALMON VENTURE COMES OF AGE. *Fish Farming Int.* 4(4):34-35. Dec. 1977. SFA 23(4)

71-000186 Goetz, F. W., Jr. THE /IN VITRO/ INDUCTION OF FINAL MATURATION AND OVULATION IN BROOK TROUT (/SALVELINUS FONTINALIS/) AND YELLOW PERCH (/PERCA FLAVESCENS/) OVA AND THE HORMONAL CONTROL OF FINAL MATURATION IN OVA OF OTHER FISH SPECIES. *Ph.D. dissertation, Univ. Wyo.* 112p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-000187 Griffin, J. J. A SIMULATION MODEL OF A SALMONID REARING FACILITY. *Ph.D. dissertation, Univ. R.I.* 396p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5502. June 1980. SFA 25(3)

71-000188 Hahn, D. R. THE BIOLOGICAL AND ECONOMIC ASPECTS OF CAGE REARING RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON, IN NORTH DAKOTA. *Ph.D. dissertation, Univ. N. Dak.* 192p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. SFA 21(1).

71-000189 Halverson, C. J.; J. W. Jensen and C. E. Boyd. WATER QUALITY IN STANDING-WATER PONDS FOR WINTER PRODUCTION OF RAINBOW TROUT IN ALABAMA. *Trans. Am. Fish. Soc.* 109(3):310-313. May 1980. SFA 25(4)

71-000190 Harris, L. E. MANIPULATING PHOTOPERIODS IN HATCHERY-REARED RAINBOW BROODFISH TO CONTROL SPAWNING ACTIVITIES. *Colo. Div. Wildl. Fish. Inf. Leafl.* No. 32. 2p. Oct. 1979. SFA 25(1)

71-000191 Harrsch, M. L. CAUGHT TWIXT FARMER AND FISHERMAN. *Oceans* 12(2):57-58. Mar.-Apr. 1979. SFA 24(3)

71-000192 Haywood, G. P.; J. R. Brett and J. M. Blackburn. ACCUMULATION OF EXCRETORY PRODUCTS AND EFFECT ON GROWTH OF YEARLING COHO SALMON (*ONCORHYNCHUS KISUTCH*) IN GRADUALLY INCREASING RECIRCULATED WATER. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 946. iv + 17p. June 1980. In English with French summ. SFA 25(4)

71-000193 Heard, W. and Martin, R. U.S. EXPERIMENTS WITH FLOATING RACEWAYS FOR JUVENILE SALMON. *Fish Farming Int.* 4(2):42-43. June 1977. SFA 23(4)

71-000194 Heard, W. R. and Martin, R. M. FLOATING HORIZONTAL AND VERTICAL RACEWAYS USED IN FRESHWATER AND ESTUARINE CULTURE OF JUVENILE SALMON, /ONCORHYNCHUS/ SPP. *Mar. Fish. Rev.* 41(3):18-23. Mar. 1979. SFA 24(4)

71-000195 Heard, W. R. and Crone, R. A. RAISING COHO SALMON FROM FRY TO SMOLTS IN ESTUARINE PENS, AND RETURNS OF ADULTS FROM TWO SMOLT RELEASES. *Prog. Fish-Cult.* 38(4):171-174. Oct. 1976. SFA 21(4).

71-000196 Hershberger, W. K. THE USE OF INTERPOPULATION HYBRIDIZATION IN DEVELOPMENT OF COHO SALMON STOCKS FOR AQUACULTURE. *Proc. Annu. Meeting World Maricult. Soc.* 9:147-156. 1978. SFA 24(3)

71-000197 Higgs, D. A.; Donaldson, E. M.; McBride, J. R. and Dye, H. M. EVALUATION OF THE POTENTIAL FOR USING A CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) PITUITARY EXTRACT VERSUS BOVINE GROWTH HORMONE TO ENHANCE THE GROWTH OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Can. J. Zool.* 56(6):1226-1231. June 1978. In English with French summ. SFA 23(4)

71-000198 Higgs, D. A.; Eales, J. G.; McBride, J. R. and Fagerlund, U. H. M. INFLUENCE OF ORALLY ADMINISTERED /L/-THYROXINE OR 3,5,3'-TRIIODO-/L/-THYRONINE ON GROWTH, FOOD CONSUMPTION, AND FOOD CONVERSION OF UNDERYEARLING COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Can. J. Zool.* 57(10):1974-1979. Oct. 1979. In English with French summ. SFA 25(1)

71-000199 Hilland, R. T. THE EFFECT OF DENSITY, SUBSTRATE, WATER QUAILTY AND EEG-TAKE PROCEDURES ON PINK SALMON (/O. GORBUSCHA/) FROM THE ATNARKO RIVER INCUBATION BOXES. *Fish Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 766. iv + 42p. Apr. 1978. In English with French summ. SFA 23(4)

71-000200 Hiroi, O. [ON THE WATER-WASHING TIME OF CHUM SALMON EGGS SOON AFTER THE ARTIFICIAL FERTILIZATION.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 34. p. 115-120. Mar. 1980. In Japanese with English summ. SFA 25(4)

71-000201 Hiroi, O. [STUDIES ON THE RETENTION OF GAMETES OF SALMONID FISHES--3. CHANGE IN FRY-LIBERATION RATE OF STORED CHUM SALMON EGGS INSEMINATED WITH SPERMS PRESERVED IN SAME CONDITIONS.] *Sci. Rep. Hokkaido Salmon Hatchery* 32:19-26. 1978. In Japanese with English summ. SFA 23(4)

71-000202 Hosmer, M. J. HANDLING AS A FACTOR IN MORTALITY OF TROUT WITH OR WITHOUT FURUNCULOSIS. *Prog. Fish-Cult.* 42(3):157-159. July 1980. SFA 25(4)

71-000203 Hunter, G. A.; Donaldson, E. M.; Stone, E. T. and Dye, H. M. INDUCED OVULATION OF FEMALE CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) AT A PRODUCTION HATCHERY. *Aquaculture* 15(2):99-112. Oct. 1978. SFA 24(1)

71-000204 Jarrams, P. EGG, FRY AND SMOLT PRODUCTION FROM SALMON, *SALMO SALAR* L. AND SEA TROUT *SALMO TRUTTA* L. REARED ENTIRELY IN FRESH WATER. *J. Fish Biol.* 15(5):607-611. Nov. 1979. SFA 25(2)

71-000205 Jensen, J. W. WINTER CULTURE OF RAINBOW TROUT (*SALMO GAIRDNERI*) IN EARTHEN PONDS AT AUBURN, ALABAMA. *Ph.D. dissertation, Auburn Univ.* 69p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(8):3504. Feb. 1980. SFA 25(2)

71-000206 Johnstone, R.; Simpson, T. H.; Youngson, A. F. and Whitehead, C. SEX REVERSAL IN SALMONID CULTURE. PART II. THE PROGENY OF SEX-REVERSED RAINBOW TROUT. *Aquaculture* 18(1):13-19. Sept. 1979. SFA 25(1)

71-000207 Johnstone, R.; Simpson, T. H. and Walker, A. F. SEX REVERSAL IN SALMONID CULTURE. PART III. THE PRODUCTION AND PERFORMANCE OF ALL-FEMALE POPULATIONS OF BROOK TROUT. *Aquaculture* 18(3):241-252. Nov. 1979. SFA 25(1)

71-000208 Johnstone, R.; Simpson, T. H. and Youngson, A. F. SEX REVERSAL IN SALMONID CULTURE. *Aquaculture* 13(2):115-134. Feb. 1978. SFA 23(3)

71-000209 Joyner, T. FARMING OCEAN RANGES FOR SALMON. *J. Fish. Res. Board Can.* 33(4,2):902-904. Apr. 1976. In English with French summ. SFA 21(2).

71-000210 Jungwirth, M. OVULATION INDUCEMENT IN PRESPAWNING ADULT DANUBE SALMON (/HUCHO HUCHO/, L.) BY INJECTION OF ACETONE-DRIED CARP PITUITARY (CP). *Aquaculture* 17(2):129-135. June 1979. SFA 24(4)

71-000211 Kaeriyama, M. [STUDIES ON THE EFFECTIVE PROMOTION OF ARTIFICIAL SALMON PRODUCTION IN THE TOKACHI RIVER SYSTEM--II. ESCAPEMENT AND CATCHING OR SPAWNING PROCEDURES OF THE CHUM SALMON IN THE TOKACHI RIVER SYSTEM DURING 1976.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 31. p. 55-70. 1977. In Japanese with English summ. SFA 22(4)

71-000212 Kaeriyama, M. and Kobayashi, A. [STUDIES ON THE EFFECTIVE PROMOTION OF ARTIFICIAL SALMON PRODUCTION IN THE TOKACHI RIVER SYSTEM--I. UTILITY AND SURROUNDING CONDITIONS IN THE CHUM SALMON PRODUCTION OF THE UTSUNAI HOLDING POND.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 31. p. 37-53. 1977. In Japanese with English summ. SFA 22(4)

71-000213 Kincaid, H. L. INBREEDING IN RAINBOW TROUT (/SALMO GAIRDNERI). *J. Fish. Res. Board Can.* 33(11):2420-2426. Nov. 1976. In English with French summ. SFA 21(4).

71-000214 Kincaid, H. L.; Bridges, W. R.; Thomas, A. E. and Donahoo, M. J. REARING CAPACITY OF CIRCULAR CONTAINERS OF DIFFERENT SIZES FOR FRY AND FINGERLING RAINBOW TROUT. *Prog. Fish-Cult.* 38(1):11-17. Jan. 1976. SFA 21(1).

71-000215 Kinunen, W. and Moring, J. R. ORIGIN AND USE OF OREGON RAINBOW TROUT BROOD STOCKS. *Prog. Fish-Cult.* 40(3):87-89. July 1978. SFA 24(1)

71-000216 Klupp, R.; Heil, G. and Pirchner, F. EFFECTS OF INTERACTION BETWEEN STRAINS AND ENVIRONMENT ON GROWTH TRAITS IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Aquaculture* 14(3):271-275. July 1978. SFA 23(4)

71-000217 Kyazimov, I. B. and Alekperov, A. P. COMPLETION OF REARING OF UNDERYEARLINGS OF THE CASPIAN SALMON /SALMO TRUTTA CASPIUS/ IN WINTER IN THE LOWER REACHES OF THE KURA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):256-264. 1975. SFA 21(3).

71-000218 Lagasse, J. P.; D. A. Leith; D. B. Romey and O. F. Dahrens. STAMINA AND SURVIVAL OF COHO SALMON REARED IN RECTANGULAR CIRCULATING PONDS AND CONVENTIONAL RACEWAYS. *Prog. Fish-Cult.* 42(3):153-156. July 1980. SFA 25(4)

71-000219 Landless, P. J. and Jackson, A. J. ACCLIMATISING YOUNG SALMON TO SEA WATER. *Fish Farming Int.* 3(2):15-17. June 1976. SFA 22(4)

71-000220 Leitritz, E. and Lewis, R. C. TROUT AND SALMON CULTURE (HATCHERY METHODS). *Calif. Dep. Fish Game Fish Bull.* 164. 197p. 1976. SFA 22(3)

71-000221 Leon, K. A. and Bonney, W. A. ATLANTIC SALMON EMBRYOS AND FRY: EFFECTS OF VARIOUS INCUBATION AND REARING METHODS ON HATCHERY SURVIVAL AND GROWTH. *Prog. Fish-Cult.* 41 (1): 20-25. Jan. 1979. SFA 24(2)

71-000222 Light, J. T.; C. A. Sikora and J. T. Windell. HATCHABILITY OF EYED AND GREEN RAINBOW TROUT (*SALMO GAIRDNERI*) EGGS IN FIELD AND LABORATORY PLACED WHITLOCK/VIBERT BOXES. *J. Colo.-Wyo. Acad. Sci.* 12(1):15. Apr. 1980. Abstract only. SFA 25(2)

71-000223 MacKinnon, C. N. and Donaldson, E. M. COMPARISON OF THE EFFECT OF SALMON GONADOTROPIN ADMINISTERED BY PELLET IMPLANTATION OR INJECTION ON SEXUAL DEVELOPMENT OF JUVENILE MALE PINK SALMON (/ONCORHYNCHUS GORBUSCHA/). *Can. J. Zool.* 56(1):86-89. Jan. 1978. In English with French summ. SFA 23(2)

71-000224 MacKinnon, C. N. and Donaldson, E. M. ENVIRONMENTALLY INDUCED PRECOCIOUS SEXUAL DEVELOPMENT IN THE MALE PINK SALMON (/ONCORHYNCHUS GORBUSCHA/). *J. Fish. Res. Board Can.* 33(11):2602-2605. Nov. 1976. In English with French summ. SFA 21(4).

71-000225 MacQuarrie, D. W.; W. E. Vanstone and J. R. Markert. PHOTOPERIOD INDUCED OFF-SEASON SPAWNING OF PINK SALMON *(ONCORHYNCHUS GORBUSCHA). Aquaculture* 18(4):289-302. Dec. 1979. SFA 25(2)

71-000226 Magomedov, G. M.; G. K. Azhigaliyeva and S. N. Popovichenko. FIRST RESULTS OF THE USE OF THE CHALNIK EGG INCUBATOR FOR THE INTRODUCITON OF AUTUMN CHUM SALMON, *ONCORHYNCHUS KETA*, INTO THE CASPIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikthiol.)* 19(3):167-171. 1979. SFA 25(4)

71-000227 Mandis, T. ALTERATION OF PHOTOPERIODS TO INDUCE EARLY SPAWNING IN RAINBOW TROUT. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:24-27. 1980. SFA 25(4)

71-000228 Mathews, S. B.; Mock, J. B.; Willson, K. and Senn, H. ENERGY EFFICIENCY OF PACIFIC SALMON AQUACULTURE. *Prog. Fish-Cult.* 38(2):102-106. Apr. 1976. SFA 21(3).

71-000229 Matty, A. J. and Cheema, I. R. THE EFFECT OF SOME STEROID HORMONES ON THE GROWTH AND PROTEIN METABOLISM OF RAINBOW TROUT. *Aquaculture* 14(2):163-178. June 1978. SFA 23(4)

71-000230 McBride, J. R. and Fagerlund, U. H. SEX STEROIDS AS GROWTH PROMOTERS IN THE CULTIVATION OF JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/). *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:145-161. 1976. SFA 22(4)

71-000231 McIntyre, J. D. and Johnson, A. K. RELATIVE YIELD OF TWO TRANSFERRIN PHENOTYPES IN COHO SALMON. *Prog. Fish-Cult.* 39(4):175-177. Oct. 1977. SFA 23(1)

71-000232 Meade, T. L. ENVIRONMENTAL PARAMETERS AFFECTING FISH PHYSIOLOGY IN WATER REUSE SYSTEMS. *Mar. Fish. Rev.* 40(10):46-47. Oct. 1978. SFA 24(2)

71-000233 Milne, P. H. THE GROWTH OF FISH FARMING IN SCOTLAND. *Fish Farming Int.* 3(4):34-36. Dec. 1976. SFA 22(4)

71-000234 Moberly, S. A. and Lium, R. JAPAN SALMON HATCHERY REVIEW. *Fisheries (Bull. Am. Fish. Soc.)* 2(3):2-7. May-June 1977. SFA 22(4)

71-000235 Moody, T. M. and McCleskey, R. N. VERTICAL RACEWAYS FOR PRODUCTION OF RAINBOW TROUT. *N.M. Dep. Game Fish Bull.* No. 17. x + 38p. 1978. SFA 24(2)

71-000236 Ott, A. G. CRYOPRESERVATION OF PACIFIC SALMON AND STEELHEAD TROUT SPERM. *Ph.D. dissertation, Oreg. State Univ.* 160p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

71-000237 Pinto, I. V. EL SALMON EN JAPON. [THE SALMON IN JAPAN.] *Biol. Pesq. Chile* No. 9. p. 65-74. Aug. 1977. In Spanish with English summ. SFA 23(2)

71-000238 Pitman, R. W. EFFECTS OF FEMALE AGE AND EGG SIZE ON GROWTH AND MORTALITY IN RAINBOW TROUT. *Prog. Fish-Cult.* 47(4):202-204. Oct. 1979. SFA 25(1)

71-000239 Poon, D. C. QUALITY OF SALMON FRY FROM GRAVEL INCUBATORS. *Ph.D. dissertation, Oreg. State Univ.* 269p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):977. Sept. 1977. SFA 23(3)

71-000240 Ramakrishna, K. V. TROUT CULTURE ON COMMERCIAL SCALE IN HIMALAYAN RANGES. *J. Inland Fish. Soc. India* 8:184-193. Dec. 1976. SFA 24(3)

71-000241 Reagan, R. E., Jr. and Robinette, H. R. CULTURE OF RAINBOW TROUT IN COMBINATION WITH OVER-WINTERING CHANNEL CATFISH IN MISSISSIPPI. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:99-101. 1975[1976]. SFA 22(3)

71-000242 Refstie, T. and Steine, T. A. SELECTION EXPERIMENTS WITH SALMON. III. GENETIC AND ENVIRONMENTAL SOURCES OF VARIATION IN LENGTH AND WEIGHT OF ATLANTIC SALMON IN THE FRESHWATER PHASE. *Aquaculture* 14(3):221-244. July 1978. SFA 23(4)

71-000243 Refstie, T. EFFECT OF DENSITY ON GROWTH AND SURVIVAL OF RAINBOW TROUT. *Aquaculture* 11(4):329-334. Aug. 1977. SFA 23(1)

71-000244 Refstie, T.; Steine, T. A. and Gjedrem, T. SELECTION EXPERIMENTS WITH SALMON. II. PROPORTION OF ATLANTIC SALMON SMOLTIFYING AT 1 YEAR OF AGE. *Aquaculture* 10(3):231-242. Mar. 1977. SFA 22(3)

71-000245 Reinitz, G. L.; Orme, L. E.; Lemm, C. A. and Hitzel, F. N. DIFFERENTIAL PERFORMANCE OF FOUR STRAINS OF RAINBOW TROUT REARED UNDER STANDARDIZED CONDITIONS. *Prog. Fish-Cult.* 40(1):21-23. Jan. 1978. SFA 23(2)

71-000246 Reisenbichler, R. R. and McIntyre, J. D. GENETIC DIFFERENCES IN GROWTH AND SURVIVAL OF JUVENILE HATCHERY AND WILD STEELHEAD TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 34(1):123-128. Jan. 1977. In English with French summ. SFA 22(2)

71-000247 Rimmer, D. M. and Power, G. REARING ATLANTIC SALMON (/SALMO SALAR/) IN FISHLESS LAKES OF THE MATAMEK RIVER SYSTEM, QUEBEC. *Can. Field-Nat.* 92(1):1-9. Jan.-Mar. 1978. SFA 23(3)

71-000248 Romanycheva, O. D. [CAGE GROWING OF THE RAINBOW TROUT AND COHO SALMON.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:367-378. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000249 Rychly, J. and Marina, B. A. THE AMMONIA EXCRETION OF TROUT DURING A 24-HOUR PERIOD. *Aquaculture* 11(2):173-178. June 1977. SFA 22(4)

71-000250 Ryman, N. and G. Ståhl. GENETIC CHANGES IN HATCHERY STOCKS OF BROWN TROUT *(SALMO TRUTTA). Can. J. Fish. Aquatic Sci.* 37(1):82-87. Jan. 1980. In English with French summ. SFA 25(2)

71-000251 Sanderson, C. H. SILO CULTURE--LINESVILLE FISH CULTURAL STATION. *Riv. It. Piscic. Ittiop.* 14(1):21-25. Jan.-Feb.-Mar. 1979. In English and Italian. SFA 24(3)

71-000252 Sano, S. [SOME PROBLEMS ON THE ARTIFICIAL PROPAGATION OF PACIFIC SALMON.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:73-81. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-000253 Sano, S. [SOME PROBLEMS ON THE ARTIFICIAL PROPAGATION OF PACIFIC SALMON.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 73-81. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-000254 Savvaitova, K. A.; Maksimov, V. A.; Mina, M. V. and Novikov, G. G. THE KAMCHATKA REPRESENTATIVES OF /SALMO/ GENUS VIEWED AS SUBJECTS FOR FISH CULTURE AND ACCLIMATION. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:127-137. 1974[1977]. SFA 24(4)

71-000255 Sehgal, K. L. TROUT CULTURE IN INDIA, ITS PRESENT STATUS AND FUTURE SCOPE. *J. Inland Fish. Soc. India* 6:185-193. Dec. 1974. SFA 24(3)

71-000256 Senn, H. and Buckley, R. M. EXTENDED FRESHWATER REARING OF PINK SALMON AT A WASHINGTON HATCHERY. *Prog. Fish-Cult.* 40 (1): 9-10. Jan. 1978. SFA 23(2)

71-000257 Senn, H. G. and Hager, R. COMPARISON OF SEA WATER WITH FRESH WATER IN REARING CHUM SALMON SMOLTS. *Prog. Fish-Cult.* 38(2):108-109. Apr. 1976. SFA 21(3).

71-000258 Sikora, C. A. A BACTERIOLOGICAL STUDY OF ORGANISMS AFFECTING THE HATCHABILITY OF RAINBOW TROUT (*SALMO GAIRDNERI*) EGGS IN WHITLOCK-VIBERT BOXES. *J. Colo.-Wyo. Acad. Sci.* 12(1):15. Apr. 1980. Abstract only. SFA 25(2)

71-000259 Smith, L. T. and Lemoine, H. L. COLCHICINE-INDUCED POLYPLOIDY IN BROOK TROUT. *Prog. Fish-Cult.* 41(2):86-88. Apr. 1979. SFA 24(3)

71-000260 Smoker, W. W. and Kerns, C. L. ARTIFICIAL SALMON SPAWNING. A MANUAL. *Univ. Alaska Sea Grant Mar. Advis. Bull.* No. 7. 21p. 1979. SFA 25(1)

71-000261 Sozinov, I. A. THE FEEDING OF /COREGONUS MUKSUN/ REARED IN THE LAKES OF THE FOREST-STEPPE ZONE OF TYUMEN REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):72-77. 1977. SFA 23(3)

71-000262 Sparre, P. A MARKOVIAN DECISION PROCESS APPLIED TO OPTIMIZATION OF PRODUCTION PLANNING IN FISH FARMING. *Medd. Dan. Fisk.- Havunders.* 7:111-197. 1976. SFA 24(2)

71-000263 Sperber, O.; From, J. and Sparre, P. A METHOD TO ESTIMATE THE GROWTH RATE OF FISHES, AS A FUNCTION OF TEMPERATURE AND FEEDING LEVEL, APPLIED TO RAINBOW TROUT. *Medd. Dan. Fisk.- Havunders.* 7:275-317. 1977. SFA 24(2)

71-000264 Spinelli, J. and Mahnken, C. CAROTENOID DEPOSITION IN PEN-REARED SALMONIDS FED DIETS CONTAINING OIL EXTRACTS OF RED CRAB (/PLEURONCODES PLANIPES/). *Aquaculture* 13(3):213-223. Mar. 1978. SFA 23(3)

71-000265 Stockner, J. G. and Shortreed, K. R. S. LIMNOLOGICAL SURVEY OF 35 SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) NURSERY LAKES IN BRITISH COLUMBIA AND THE YUKON TERRITORY. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 827. iii + 47p. May 1978. In English with French summ. SFA 24(3)

71-000266 Stoss, J.; Buyukhatipoglu, S. and Holtz, W. SHORT-TERM AND CRYOPRESERVATION OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) SPERM. *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1077-1082. 1978. SFA 24(1)

71-000267 Sutterlin, A. M. and Merrill, S. P. NORWEGIAN SALMONID FARMING. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 779. v + 47p. Apr. 1978. SFA 23(4)

71-000268 Tatum, W. M. COMPARATIVE GROWTH AND MORTALITY OF WINTER-CULTURED RAINBOW TROUT (/SALMO GAIRDNERI/) IN FRESHWATER AND BRACKISH WATER PONDS IN SOUTH ALABAMA. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:71-78. 1976. SFA 22(4)

71-000269 Thorpe, J. E. BIMODAL DISTRIBUTION OF LENGTH OF JUVENILE ATLANTIC SALMON (/SALMO SALAR/ L.) UNDER ARTIFICIAL REARING CONDITIONS. *J. Fish Biol.* 11(2):175-184. Aug. 1977. SFA 23(1)

71-000270 Wedemeyer, G. A. ENVIRONMENTAL REQUIREMENTS FOR FISH HEALTH. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 41-55. Apr. 1977. SFA 23(1)

71-000271 Wedemeyer, G. A. PHYSIOLOGICAL RESPONSE OF JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND RAINBOW TROUT (/SALMO GAIRDNERI/) TO HANDLING AND CROWDING STRESS IN INTENSIVE FISH CULTURE. *J. Fish. Res. Board Can.* 33(12):2699-2702. Dec. 1976. In English with French summ. SFA 22(1)

71-000272 Weithman, A. S. and Anderson, R. O. EVALUATION OF FLOTATION SOLUTIONS FOR SORTING TROUT EGGS. *Prog. Fish-Cult.* 39(2):76-78. Apr. 1977. SFA 22(3)

71-000273 Werder, U. LABORATORY INCUBATION SYSTEM FOR SALMONID EGGS. *Prog. Fish-Cult.* 42(3):190-191. July 1980. SFA 25(4)

71-000274 Westers, H. and Pratt, K. M. RATIONAL DESIGN OF HATCHERIES FOR INTENSIVE SALMONID CULTURE, BASED ON METABOLIC CHARACTERISTICS. *Prog. Fish-Cult.* 39(4):157-165. Oct. 1977. SFA 23(1)

71-000275 Williams, D. D.; Mundie, J. H. and Mounce, D. E. SOME ASPECTS OF BENTHIC PRODUCTION IN A SALMONID REARING CHANNEL. *J. Fish. Res. Board Can.* 34(11):2133-2141. Nov. 1977. In English with French summ. SFA 23(1)

71-000276 Wilson, W. J. and Buck, E. H. STATUS REPORT ON SALMONID CULTURE IN ALASKA. *Fisheries (Bull. Am. Fish. Soc.)* 3 (5): 10-19. Sept.-Oct. 1978. SFA 24(1)

71-000277 Yu, T. C.; Sinnhuber, R. O. and Hendricks, J. D. EFFECT OF STEROID HORMONES ON THE GROWTH OF JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Aquaculture* 16(4):351-359. Apr. 1979. SFA 24(3)

71-000278 Zell, S. R. CRYOPRESERVATION OF GAMETES AND EMBRYOS OF SALMONID FISHES. *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1089-1099. 1978. SFA 24(1)

OTHER ANADROMOUS SPECIES CULTURE

71-000279 Bieniarz, K. and Epler, P. INVESTIGATIONS ON INDUCING SEXUAL MATURITY IN THE MALE EEL /ANGUILLA ANGUILLA/ L. *J. Fish Biol.* 10(6):555-559. June 1977. SFA 22(4)

71-000280 Bishop, R. D. THE USE OF CIRCULAR TANKS FOR SPAWNING STRIPED BASS (/MORONE SAXATILIS/). *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:35-44. 1975.. SFA 21(3).

71-000281 Bonn, E. W. GUIDELINES FOR STRIPED BASS CULTURE. *South. Div. Am. Fish Soc.* 125p. 1976. SFA 22(3)

71-000282 Bonn, E. W.; Bailey, W. M.; Bayless, J. D.; Erickson, K. and Stevens, R. E. GUIDELINES FOR STRIPED BASS CULTURE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:257-258. 1976[1978]. SFA 24(1)

71-000283 Bouck, G. R.; Christian, A. R. and Cairns, M. A. FEASIBILITY OF STRIPED BASS (/MORONE SAXATILIS/) CULTURE IN WELL WATER AT CORVALLIS, OREGON. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 314-322. July 1977. SFA 23(3)

71-000284 Braid, M. R. FACTORS AFFECTING THE SURVIVAL AND GROWTH OF STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), FRY IN RECIRCULATING SYSTEMS. *Ph.D. dissertation, Auburn Univ.* 86p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1969. Nov. 1977. SFA 23(3)

71-000285 Braschler, E. W. DEVELOPMENT OF POND CULTURE TECHNIQUES FOR STRIPED BASS /MORONE SAXATILIS/ (WALBAUM). *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:44-48. 1975. SFA 21(3).

71-000286 Carreon, J. A. STUDIES ON THE CULTURE OF LARVAL STRIPED BASS /MORONE SAXATILIS/ (WALBAUM) IN CLOSED RECIRCULATING SYSTEMS. *Ph.D. dissertation, Auburn Univ.* 112p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):456. Aug. 1978. SFA 24(3)

71-000287 Germann, J. F. and Reeves, W. C. THE EFFECTS OF ADDED HARDNESS, SALINITY, AND SOURCE OF FRY ON THE SURVIVAL AND GROWTH OF STRIPED BASS FRY IN HATCHING JARS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:199-208. 1975. SFA 21(3).

71-000288 Headrick, M. R. A CULTURE OF STRIPED BASS FROM THE CHESAPEAKE AND DELAWARE CANAL. *Special Report for Delmarva Power and Light Co.* v + 39p. 1978. SFA 24(2)

71-000289 Inslee, T. D. HOLDING STRIPED BASS LARVAE IN CAGES UNTIL SWIM-UP. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:422-424. 1977[1979]. SFA 24(4)

71-000290 McHugh, J. J. and Heidinger, R. C. EFFECTS OF LIGHT SHOCK AND HANDLING SHOCK ON STRIPED BASS FRY. *Prog. Fish-Cult.* 40(2):82. Apr. 1978. SFA 23(3)

71-000291 McIlwain, T. D. CLOSED CIRCULATING SYSTEM FOR STRIPED BASS PRODUCTION. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:523-534. 1976. SFA 22(4)

71-000292 Murai, T.; Muller, J. W. and Andrews, J. W. DIETARY STUDIES WITH AMERICAN SHAD FRY. *Prog. Fish-Cult.* 41(2):61-63. Apr. 1979. SFA 24(3)

71-000293 Perry, W. G.; Carver, D. C. and Williams, A. M. BRACKISH WATER CULTURE OF STRIPED BASS IN LOUISIANA. *Proc. World Maricult. Soc.* 8:107-115. 1977. SFA 24(3)

71-000294 Stevens, R. E. STRIPED BASS CULTURE AND MANAGEMENT: MODERATOR'S OPENING COMMENTS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:35. 1975. SFA 21(3).

71-000295 Suzuki, K. and Hishi, G. [REARING OF STURGEONS IN JAPAN.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:379-393. 1976[1977]. In Japanese with English summ. SFA 24(4)

71-000296 Ware, F. J. PROGRESS WITH /MORONE/ HYBRIDS IN FRESH WATER. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:48-54. 1975. SFA 21(3).

71-000297 Wawronowicz, L. J. and Lewis, W. M. EVALUATION OF THE STRIPED BASS AS A POND-REARED FOOD FISH. *Prog. Fish-Cult.* 41(3):138-140. July 1979. SFA 25(1)

WARMWATER CULTURE

71-000298 Adams, J. C.; Kilambi, R. V.; Wickizer, W. A. and Brown, A. V. MACROBENTHOS POPULATION CHANGES IN CRYSTAL LAKE, ARKANSAS, SUBSEQUENT TO CAGE CULTURE OF FISH. *Proc. Arkansas Acad. Sci.* 30:12-13. 1976. SFA 22(3)

71-000299 Aliyev, D. S. THE ROLE OF PHYTOPHAGOUS FISHES IN THE RECONSTRUCTION OF COMMERCIAL FISH FAUNA AND THE BIOLOGICAL IMPROVEMENT OF WATER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):216-229. 1976. SFA 22(3)

71-000300 Allen, K. O. and Carter, R. R. POLYCULTURE OF CHANNEL CATFISH, TILAPIA, AND HYBRID BUFFALO IN DIVIDED RACEWAYS. *Prog. Fish-Cult.* 38(4):188-191. Oct. 1976. SFA 21(4).

71-000301 Almazan, G. and Boyd, C. E. PLANKTON PRODUCTION AND TILAPIA YIELD IN PONDS. *Aquaculture* 15(1):75-77. Sept. 1978. SFA 24(1)

71-000302 Anderson, C. E. PRODUCTION OF NORMAL MALE AND ANDROGEN SEX-REVERSED /TILAPIA AUREA/ AND /T. NILOTICA/ FED A COMMERCIAL CATFISH DIET IN PONDS. *Ph.D. dissertation, Auburn Univ.* 48p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2583. Dec. 1978. SFA 24(2)

71-000303 Anderson, C. E. and Smitherman, R. O. PRODUCTION OF NORMAL MALE AND ANDROGEN SEX-REVERSED /TILAPIA AUREA/ AND /T. NILOTICA/ FED A COMMERCIAL CATFISH DIET IN PONDS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 34-42. 1978. SFA 24(1)

71-000304 Ang Kok Jee. SOME PROBLEMS IN THE CAGE CULTURE OF MARBLE GOBY (*OXYELEOTRIS MARMORATA* BLEEKER). *Aquaculture* 20(3):229. July 1980. Abstract only. SFA 25(4)

71-000305 Anonymous. MILKFISH BREEDING BREAKTHROUGH IN THE PHILIPPINES. *Fish Farming Int.* 4(2):26-28. June 1977. SFA 23(4)

71-000306 Anonymous. PROGRESS REPORT OF THE FRESHWATER AQUACULTURE CENTER. *Cent. Luzon State Univ. Freshwater Aquacult. Cent. Prog. Rep. Tech. Rep.* No. 13. v + 66p. 1978. SFA 25(3)

71-000307 Anonymous. PROGRESS REPORT OF THE FRESHWATER AQUACULTURE CENTER. *Prog. Rep. Freshwater Aquacult. Cent. Cent. Luzon State Univ.* No. 14. v + 62p. 1979. SFA 25(2)

71-000308 Appelbaum, S. and Uland, B. INTENSIVE REARING OF GRASS CARP LARVAE /CTENOPHARYNGODON IDELLA/ (VALENCIENNES 1844) UNDER CONTROLLED CONDITIONS. *Aquaculture* 17(2):175-179. June 1979. SFA 24(4)

71-000309 Aston, R. J.; Brown, D. J. A. and Milner, A. G. P. HEATED WATER FARMS AT INLAND POWER STATIONS. *Fish Farming Int.* 3(2):41-44. June 1976. SFA 22(4)

71-000310 Avault, J. W., Jr. FAST-GROWING GRASS CARP RATED GOOD SPECIES FOR AQUACULTURE. *Commer. Fish Farmer* 4 (2): 42-43. Jan. 1978. SFA 23(2)

71-000311 Avnimelech, Y. and Lacher, M. A TENTATIVE NUTRIENT BALANCE FOR INTENSIVE FISH PONDS. *Bamidgeh* 31:(1):3-8. Mar. 1979. SFA 24(4)

71-000312 Babiker, M. M. and Ibrahim, H. STUDIES ON THE BIOLOGY OF REPRODUCTION IN THE CICHLID /TILAPIA NILOTICA/ (L.): EFFECTS OF STEROID AND TROPHIC HORMONES ON OVULATION AND OVARIAN HYDRATION. *J. Fish Biol.* 15(1):21-30. July 1979. SFA 25(1)

71-000313 Badenko, L. V.; Korniyenko, G. G.; Gashchenko, L. A. and Shchigel'skaya, V. P. STATE OF THE GONADS OF THE KUBAN SEVRYUGA /ACIPENSER STELLATUS/ BELOW THE DAM OF THE FEDOROVSKIY HYDRAULIC INSTALLATION, AND ITS SIGNIFICANCE FOR ARTIFICIAL PROPAGATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(4):583-591. 1976. SFA 23(1)

71-000314 Banerjea, S. M. and Ghosh, A. N. SOIL NUTRIENTS AND PLANKTON PRODUCTION IN FISH PONDS. A. AVAILABLE SOIL PHOSPHORUS. *Indian J. Fish.* 10(2):627-633. 1963. SFA 24(3)

71-000315 Banerjee, R. K.; Banerjee, S. C. and Pakrasi, B. B. SILTATION IN DELTAIC REGIONS, ITS ROLE ON THE NUTRIENTS AVAILABILITY IN PONDS. *J. Inland Fish. Soc. India* 5:208-214. Dec. 1973. SFA 24(3)

71-000316 Baur, R. J.; Rose, C. R. and Buck, D. H. PRODUCTION OF AGE-0 LARGEMOUTH BASS, SMALLMOUTH BASS, AND BLUEGILLS IN PONDS STOCKED WITH GRASS CARP. *Trans. Am. Fish. Soc.* 108(5):496-498. Sept. 1979. SFA 25(1)

71-000317 Beyerle, G. B. EXTENSIVE CULTURE OF WALLEYE FRY IN PONDS AT THE WOLF LAKE HATCHERY, 1975-1978. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1874. 28p. 26 Dec. 1979. SFA 25(2)

71-000318 Bhowmick, R. M.; Kowtal, G. V.; Jana, R. K. and Gupta, S. D. EXPERIMENTS ON SECOND SPAWNING OF MAJOR INDIAN CARPS IN THE SAME SEASON BY HYPOPHYSATION. *Aquaculture* 12(2):149-155. Oct. 1977. SFA 23(1)

71-000319 Bhowmick, R. M. and Kowtal, G. V. SIMPLIFIED TECHNIQUE OF HYPOPHYSATION OF MAJOR CARPS. *J. Inland Fish. Soc. India* 5:218-222. Dec. 1973. SFA 24(3)

71-000320 Bishara, N. F. FERTILIZING FISH PONDS. II--GROWTH OF /MUGIL CEPHALUS/ IN EGYPT BY POND FERTILIZATION AND FEEDING. *Aquaculture* 13(4):361-367. Apr. 1978. SFA 23(4)

71-000321 Bishara, N. F. FERTILIZING FISH PONDS. III. GROWTH OF /MUGIL CAPITO/ IN EGYPT BY POND FERTILIZATION AND FEEDING. *Aquaculture* 16(1):47-55. Jan. 1979. SFA 24(2)

71-000322 Boyd, C. E. WATER QUALITY IN CATFISH PONDS. *J. Mar. Sci.* 2(3):19-30. 1974. SFA 22(3)

71-000323 Boyd, C. E.; Johnston, E.; Tucker, C. S.; Romaire, R.; Davis, J.; Moon, C. and Parks, R. W. EFFECTS OF PHYTOPLANKTON ON DISSOLVED OXYGEN CONCENTRATION IN CATFISH PONDS. *Auburn Univ. Water Resour. Res. Inst. Bull.* 30. vii + 35p. Nov. 1977. SFA 23(2)

71-000324 Boyd, C. E.; Romaire, R. P. and Johnston, E. PREDICTING EARLY MORNING DISSOLVED OXYGEN CONCENTRATIONS IN CHANNEL CATFISH PONDS. *Trans. Am. Fish. Soc.* 107(3):484-492. May 1978. SFA 23(4)

71-000325 Bronzi, P. ESPERIENZE PRELIMINARI IN ITALIA DI PISCICOLTURA TERMICA MEDIANTE GABBIE GALLEGGIANTI. [PRELIMINARY RESEARCH OF FISH CULTURE IN CAGES FLOATING IN THERMAL EFFLUENT FROM A POWER PLANT IN ITALY.] *Riv. It. Piscic. Ittiop.* 14(1):4, 7-12. Jan.-Feb.-Mar. 1979. In Italian with English summ. SFA 24(3)

71-000326 Broussard, M. C., Jr. THE EVALUATION OF FOUR STRAINS OF CHANNEL CATFISH, *ICTALURUS PUNCTATUS*, AND INTRASPECIFIC HYBRIDS UNDER AQUACULTURAL CONDITIONS. *Ph.D. dissertation, Tex. A&M Univ.* 75p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5478. June 1980. SFA 25(3)

71-000327 Broussard, M. C., Jr. and Simco, B. A. HIGH-DENSITY CULTURE OF CHANNEL CATFISH IN A RECIRCULATING SYSTEM. *Prog. Fish-Cult.* 38(3):138-141. July 1976. SFA 21(4)

71-000328 Brown, E. E. BAIT FISH FARMING. *Riv. It. Piscic. Ittiop.* 15(1):7-10. Jan.-Feb.-Mar. 1980. In English and Italian. SFA 25(3)

71-000329 Buck, H.; Baur, R. J. and Rose, C. R. POLYCULTURE OF CHINESE CARPS IN PONDS WITH SWINE WASTES. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 144-155. 1978. SFA 24(1)

71-000330 Bulak, J. S. and Walker, P. T. SPAWNING AND CULTURE POTENTIAL OF BLUEBACK HERRING IN PONDS. *Prog. Fish-Cult.* 47(4):183-184. Oct. 1979. SFA 25(1)

71-000331 Busch, R. L., Jr. EFFECTS OF CLOMIPHENE CITRATE ON THE REPRODUCTIVE CYCLE OF THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Ph.D. dissertation, Auburn Univ.* 147p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1060. Sept. 1978. SFA 24(1)

71-000332 Cabrereo, J. E., Jr. PRODUCTION OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ (RAFINESQUE) IN A CLOSED SYSTEM WITH CIRCULATION, AERATION AND FILTRATION. *Ph. D. dissertation, Auburn Univ.* 141p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-000333 Calbert, H. E. and Huh, H. T. CULTURING YELLOW PERCH (/PERCA FLAVESCENS/) UNDER CONTROLLED ENVIRONMENTAL CONDITIONS FOR THE UPPER MIDWEST MARKET. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:137-144. 1976. SFA 22(4)

71-000334 Campbell, J. S. and K. R. Rowes. GROWTH AND SURVIVAL OF WALLEYE, *STIZOSTEDION VITREUM VITREUM* (MITCHILL) IN REARING PONDS NEAR LAKE WINNIPEGOSIS, MANITOBA. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 949. v + 17p. July 1980. SFA 25(4)

71-000335 Cancellieri, S. LA "VIA ITALIANA" ALL'ANGUILLICOLTURA. [THE ITALIAN WAY TO EELFARMING.] *Riv. It. Piscic. Ittiop.* 14 (1): 1-3. Jan.-Feb.-Mar. 1979. In Italian with English summ. SFA 24(3)

71-000336 Carter, R. R. and Allen, K. O. EFFECTS OF FLOW RATE AND AERATION ON SURVIVAL AND GROWTH OF CHANNEL CATFISH IN CIRCULAR TANKS. *Prog. Fish-Cult.* 38(4):204-206. Oct. 1976. SFA 21(4).

71-000337 Carter, R. R. and Thomas, A. E. SPAWNING OF CATFISH IN TANKS. *Prog. Fish-Cult.* 39(1):13. Jan. 1977. SFA 22(2)

71-000338 Central Inland Fisheries Research Institute. FIRST 138 CASE STUDIES OF COMPOSITE FISH CULTURE IN INDIA. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 23. SFA 24(1)

71-000339 Chakrabarty, R. D.; Murty, D. S.; Sen, P. R.; Nandy, A. C. and Chakrabarty, D. P. PERIODIC HARVESTING TO ENHANCE PRODUCTION IN COMPOSITE CULTURE OF INDIAN AND EXOTIC CARPS. *J. Inland Fish. Soc. India* 6:167-171. Dec. 1974. SFA 24(3)

71-000340 Chakrabarty, R. D.; Murty, D. S.; Sen, P. R.; Nandy, A. C. and Chakrabarty, D. P. SHORT-TERM REARING OF INDIAN AND EXOTIC CARPS. *J. Inland Fish. Soc. India* 8:179-183. Dec. 1976. SFA 24(3)

71-000341 Chakrabarty, R. D.; Sen, P. R.; Rao, N. G. S.; Jena, S. and Janaki Ram, K. PRELIMINARY OBSERVATIONS ON THE PERFORMANCE OF /MUGIL CEPHALUS/ (LINNAEUS) IN FRESHWATER PONDS UNDER COMPOSITE CULTURE. *J. Inland Fish. Soc. India* 8:125-128. Dec. 1976. SFA 24(3)

71-000342 Chappell, J. A. AN EVALUATION OF TWELVE GENETIC GROUPS OF CATFISH FOR SUITABILTIY IN COMMERCIAL PRODUCTION. *Ph.D. dissertation, Auburn Univ.* 86p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(1):71. July 1979. SFA 24(4)

71-000343 Chaudhuri, H. USE OF HORMONES IN INDUCED SPAWNING OF CARPS. *J. Fish. Res. Board Can.* 33(4,2):940-947. Apr. 1976. In English with French summ. SFA 21(2).

71-000344 Chaudhuri, H.; Juario, J. V.; Primavera, J. H.; Samson, R. and Mateo, R. OBSERVATIONS ON ARTIFICIAL FERTILIZATION OF EGGS AND THE EMBRYONIC AND LARVAL DEVELOPMENT OF MILKFISH, /CHANOS CHANOS/ (FORSKAL). *Aquaculture* 13(2):95-113. Feb. 1978. SFA 23(3)

71-000345 Chen, T. H. CAGE CULTURE OF CHANNEL CATFISH IN A HEATED EFFLUENT FROM A POWER PLANT, THOMAS HILL RESERVOIR. *Ph.D. dissertation, Univ. Mo. (Columbia).* 98p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-000346 Chen, T. P. MONOSEX TILAPIA CULTURE. *Fish Farming Int.* 4(4):15. Dec. 1977. SFA 23(4)

71-000347 Childers, W. F. BASS GENETICS AS APPLIED TO CULTURE AND MANAGEMENT. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 362-372. 1975. SFA 21(3).

71-000348 Coleman, R. INTENSIVE FISH CULTURE ON AN ISRAELI KIBBUTZ. *Fish Farming Int.* 3(4):6-8. Dec. 1976. SFA 22(4)

71-000349 Collis, W. J. and Smitherman, R. O. PRODUCTION OF TILAPIA HYBRIDS WITH CATTLE MANURE OR A COMMERCIAL DIET. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 43-54. 1978. SFA 24(1)

71-000350 Colt, J.; Tchobanoglous, G. and Wong, B. THE REQUIREMENTS AND MAINTENANCE OF ENVIRONMENTAL QUALITY IN THE INTENSIVE CULTURE OF CHANNEL CATFISH. AN ANNOTATED BIBLIOGRAPHY. *Dep. Civ. Eng. Univ. Calif. Davis* viii + 126p. June 1975. SFA 21(1).

71-000351 Cook, A. F. and R. E. Peter. THE EFFECT OF TEMPERATURE ON THE CLEARANCE OF INTRAPERITONEALLY-INJECTED GONADOTROPIN IN THE GOLDFISH *CARASSIUS AURATUS*. *Aquaculture* 19(3):275-285. Mar. 1980. SFA 25(2)

71-000352 Cremer, M. C. and R. O. Smitherman. FOOD HABITS AND GROWTH OF SILVER AND BIGHEAD CARP IN CAGES AND PONDS. *Aquaculture* 20(1):57-64. May 1980. SFA 25(3)

71-000353 Cremer, M. C. EEL CULTURE IN THE PHILIPPINES. *IN A. W. Avault (ed.). Proc. Annu. Meet. World maricult. Soc.* 7:129-136. 1976. SFA 22(4)

71-000354 Cruz, E. M. and I. L. Laudencia. POLYCULTURE OF MILKFISH (*CHANOS CHANOS* FORSKAL), ALL-MALE NILE TILAPIA (*TILAPIA NILOTICA*) AND SNAKEHEAD (*OPHICEPHALUS STRIATUS*) IN FRESHWATER PONDS WITH SUPPLEMENTAL FEEDING. *Aquaculture* 20(3):231-237. July 1980. SFA 25(4)

71-000355 Cuff, W. R. INITIATION AND CONTROL OF CANNIBALISM IN LARVAL WALLEYES. *Prog. Fish-Cult.* 39(1):29-32. Jan. 1977. SFA 22(2)

71-000356 Curry, K. D. and A. Spacie. TEMPERATURE-CONTROLLED RECIRCULATING SYSTEM FOR HATCHING CATOSTOMID LARVAE. *Prog. Fish-Cult.* 42(3):151-152. July 1980. SFA 25(4)

71-000357 Datingaling, B. Y. THE POTENTIAL OF THE CULTIVABLE FRESHWATER FISHERY RESOURCES OF THE PHILIPPINES. *Philipp. Bur. Fish. Aquatic Resour. Tech. Pap. Ser.* 1(1):1-10. May 1977. SFA 23(1)

71-000358 Davis, J. T. DESIGN OF WATER REUSE FACILITIES FOR WARM WATER FISH CULTURE. *Ph.D. dissertation, Tex. A&M Univ.* 109p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3583. Feb. 1978. SFA 23(3)

71-000359 Deelder, C. L. A SHORT NOTE ON THE INTENSIVE CULTURE OF EEL (/ANGUILLA ANGUILLA/ L.). *Aquaculture* 13(3):289-290. Mar. 1978. SFA 23(3)

71-000360 Delmendo, M. N. and Gedney, R. H. LAGUNA DE BAY FISH PEN AQUACULTURE DEVELOPMENT--PHILIPPINES. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:257-265. 1976. SFA 22(4)

71-000361 Detlaf, T. A. and S. I. Davydova. THE EFFECT OF TRIIODOTHYRONINE ON THE MATURATION OF THE OOCYTES OF THE SEVRYUGA, *ACIPENSER STELLATUS*, UNDER THE INFLUENCE OF THE GONADOTROPIC HORMONES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):105-110. 1979. SFA 25(4)

71-000362 Dunseth, D. R. POLYCULTURE OF CHANNEL CATFISH /ICTALURUS PUNCTATUS/, SILVER CARP /HYPOPHTHALMICHTHYS MOLITRIX/, AND THREE ALL-MALE TILAPIAS /SARATHERODON/ SPP. *Ph.D. dissertation, Auburn Univ.* 62p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8), Feb. 1978. SFA 23(3)

71-000363 Dwivedi, S. N. and Somalingam, J. PROFITABLE CARP SEED PRODUCTION BECOMES A REALITY FOR INDIA. *Fish Farming Int.* 3(4):30-32. Dec. 1976. SFA 22(4)

71-000364 Ellis, J. E.; Tackett, D. L. and Carter, R. R. DISCHARGE OF SOLIDS FROM FISH PONDS. *Prog. Fish-Cult.* 40(4):165-166. Oct. 1978. SFA 24(2)

71-000365 Fago, D. M. NORTHERN PIKE PRODUCTION IN MANAGED SPAWNING AND REARING MARSHES. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 96. 30p. 1977. SFA 22(4)

71-000366 Faruqui, A. M. FLUCTUATION IN OXYGEN CONCENTRATION AND OCCURRENCE OF MORTALITY OF CARP HATCHLINGS IN A HATCHERY POND AT PARTA FISH FARM, BHOPAL. *Broteria Ser. Trimest. Cienc. Nat.* 44(1-2):67-79. 1975. SFA 22(1)

71-000367 Flüchter, J. REVIEW OF THE PRESENT KNOWLEDGE OF REARING WHITEFISH (COREGONIDAE) LARVAE. *Aquaculture* 19(2):191-208. Feb. 1980. SFA 25(2)

71-000368 Fram, M. J. and Pagan-Font, F. A. MONOCULTURE YIELD TRIALS OF AN ALL-MALE HYBRID TILAPIA (FEMALE /TILAPIA NILOTICA/ X MALE /T. HORNORUM/) IN SMALL FARM PONDS IN PUERTO RICO. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 55-64. 1978. SFA 24(1)

71-000369 Fry, D. L. and J. A. Osborne. ZOOPLANKTON ABUNDANCE AND DIVERSITY IN CENTRAL FLORIDA GRASS CARP PONDS. *Hydrobiologia* 68(2):145-155. 31 Jan. 1980. SFA 25(2)

71-000370 Ghorai, A. K.; Mondal, K. M.; Sengupta, A.; Ranadhir, M.; Das, P.; Jhingran, V. G. and Chakraborty, D. ATTAINMENTS OF COMPOSITE FISH CULTURE DEMONSTRATION CENTRES IN WEST BENGAL DURING 1976-77. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* No. 30. 18p. Feb. 1979. SFA 25(1)

71-000371 Ghosh, A.; Banerjee, M. K. and Hanumantha Rao, L. SOME OBSERVATIONS ON THE CULTURAL PROSPECTS OF SILVER CARP /HYPOPHTHALMICHTHYS MOLITRIX/ (VALENCIENNES) IN SEWAGE-FED PONDS. *J. Inland Fish. Soc. India* 5:131-133. Dec. 1973. SFA 24(3)

71-000372 Ghosh, A.; Hanumantha Rao, L. and Banerjee, S. C. STUDIES ON THE HYDROBIOLOGICAL CONDITIONS OF A SEWAGE-FED POND WITH A NOTE ON THEIR ROLE IN FISH CULTURE. *J. Inland Fish. Soc. India* 6:51-61. Dec. 1974. SFA 24(3)

71-000373 Gold, J. R.; Pipkin, R. E. and Gall, G. A. E. ARTIFICIAL HYBRIDIZATION BETWEEN RAINBOW (/SALMO GAIRDNERI/) AND GOLDEN TROUT (/SALMO AGUABONITA/). *Copeia* 1976(3):597-598. Aug. 1976. SFA 21(3).

71-000374 Gonzalez, T. TEN TONS OF GOLDFISH. *Tex. Parks Wildl.* 36(9):12-15. Sept. 1978. SFA 23(4)

71-000375 Graeber, K. E. THE FISH FARMER AND THE INTERNAL REVENUE SERVICE. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 53-61. 1978. SFA 24(1)

71-000376 Green, L. C. and J. R. Merrick. TROPICAL FRESHWATER FISH CULTURE: A COVERED POND IMPROVES PLANKTON AND FRY PRODUCTION. *Aquaculture* 19(4):389-394. Apr. 1980. SFA 25(3)

71-000377 Greenland, D. C.; Carter, R. R.; Gill, R. L.; Tackett, D. L. and Ellis, J. E. HARVESTING MONOSEX GRASS CARP. *Prog. Fish-Cult.* 41(1):50. Jan. 1979. SFA 24(2)

71-000378 Griffen, W. L. and Lacewell, R. D. ESTIMATED COSTS OF PRODUCING CATFISH IN TEXAS; 1977-1978. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 35-52. 1978. SFA 24(1)

71-000379 Grover, J. H. and Banacia, G. T. PRELIMINARY YIELD TRIAL WITH CARP POLYCULTURE IN FERTILIZED AND UNFERTILIZED PONDS. *Philipp. J. Fish.* 11(1-2):17-22. 1973. SFA 22(1)

71-000380 Grover, J. H. PRODUCTION OF MILKFISH IN COMBINATION WITH COMMON CARP AND THAI CATFISH IN FERTILIZED FRESHWATER PONDS. *Philipp. J. Fish.* 11(1-2):1-16. 1973. SFA 22(1)

71-000381 Guerrero, R. D. III and Guerrero, L. A. CULTURE OF /TILAPIA NILOTICA/ AND /MACROBRACHIUM/ SPECIES SEPARATELY AND IN COMBINATION IN FERTILIZED FRESHWATER FISHPONDS. *Philipp. J. Fish.* 14(2):232-235. July-Dec. 1976. SFA 23(3)

71-000382 Guerrero, R. D. III. CULTURE OF MONOSEX MALE /TILAPIA MOSSAMBICA/ AND /OPHICEPHALUS STRIATUS/ IN FERTILIZED PONDS WITH SUPPLEMENTARY FEEDING. *Philipp. J. Fish.* 12(1-2):64-74. 1974. SFA 22(1)

71-000383 Guest, W. C. TECHNIQUE FOR COLLECTING AND INCUBATING EGGS OF THE FATHEAD MINNOW. *Prog. Fish-Cult.* 39(4):188. Oct. 1977. SFA 23(1)

71-000384 Guest, W. C.; Avault, J. W., Jr. and Roussel, J. D. PRESERVATION OF CHANNEL CATFISH SPERM. *Trans. Am. Fish. Soc.* 105(3):469-474. May 1976. SFA 21(3).

71-000385 Gun'ko, A. F. THE BIOLOGICAL BACKGROUND OF A NEW ASPECT OF THE BASIC OUTLINE OF THE HATCHERY REARING OF STURGEONS (HRS). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 986-989. 1974. SFA 21(2).

71-000386 Halevi, A. OBSERVATIONS ON POLYCULTURE OF FISH UNDER STANDARD FARM POND CONDITIONS AT THE FISH AND AQUACULTURE RESEARCH STATION, DOR, DURING THE YEARS 1972-1977. *Bamidgeh* 31(4):96-104. Dec. 1979. SFA 25(2)

71-000387 Hearn, M. THE POND-SPAWNING AND FINGERLING PRODUCTION OF MUSKELLUNGE AT THE MINOR E. CLARK FISH HATCHERY, KENTUCKY, DURING 1973. *Ky. Dep. Fish Wildl. Resour. Fish. Bull.* no. 61. 43p. 1974. SFA 25(2)

71-000388 Hill, T. K. COMPARISONS OF ALBINO AND NORMAL CHANNEL CATFISH GROWN IN CAGES IN A POND. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:231-235. 1975. SFA 21(3).

71-000389 Hogendoorn, H. CONTROLLED PROPAGATION OF THE AFRICAN CATFISH, /CLARIAS LAZERA/ (C. & V.). I. REPRODUCTIVE BIOLOGY AND FIELD EXPERIMENTS. *Aquaculture* 17(4):323-333. Aug. 1979. SFA 25(1)

71-000390 Hogendoorn, H. and M. M. Vismans. CONTROLLED PROPAGATION OF THE AFRICAN CATFISH, *CLARIAS LAZERA* (C. & V.). II. ARTIFICIAL REPRODUCTION. *Aquaculture* 21(1):39-53. Sept. 1980. SFA 25(4)

71-000391 Hollerman, W. D. and C. E. Boyd. NIGHTLY AERATION TO INCREASE PRODUCTION OF CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 109(4):446-452. July 1980. SFA 25(4)

71-000392 Holt, R. S., Jr. CULTURE OF FISH IN CAGES AND THEIR USE AS BIOLOGICAL MONITORS OF WATER QUALITY WITHIN HEATED DISCHARGE WATERS OF A POWER STATION. *Ph.D. dissertation, Tex. A&M Univ.* 405p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3586. Feb. 1978. SFA 23(3)

71-000393 Horváth, L. USE OF A PROTEOLYTIC ENZYME TO IMPROVE INCUBATION OF EGGS OF THE EUROPEAN CATFISH. *Prog. Fish-Cult.* 42(2):110-111. Apr. 1980. SFA 25(3)

71-000394 Horvath, L. ELIMINATION OF THE GLUTINOSITY OF WELS (/SILURUS GLANIS/ L.) EGGS BY INDUSTRIAL ENZYME. *Riv. It. Piscic. Ittiop.* 14(2):39-44. Apr.-May-June 1979. In English and Italian. SFA 25(1)

71-000395 Huq, M. F. and Islam, A. K. M. S. A SURVEY OF MAN-MADE WATER AREAS IN A VILLAGE IN BANGLADESH TO DETERMINE THEIR PRODUCTIVE CAPACITY, CURRENT USE AND REASONS FOR UNDER-UTILIZATION. *Aquaculture* 12(1):75-88. Sept. 1977. SFA 23(1)

71-000396 Igumnova, L. V. THE TIME TAKEN FOR BELUGA (/HUSO HUSO/) FEMALES TO MATURE AT DIFFERENT TEMPERATURES FOLLOWING A PITUITARY INJECTION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):890-895. 1974. SFA 21(2).

71-000397 Inslee, T. D. INCREASED PRODUCTION OF SMALLMOUTH BASS FRY. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 357-361. 1975. SFA 21(3).

71-000398 Jackson, U. T. CONTROLLED SPAWNING OF LARGEMOUTH BASS. *Prog. Fish-Cult.* 41(2):90-95. Apr. 1979. SFA 24(3)

71-000399 Jalabert, B.; Breton, B.; Brzuska, E.; Fostier, A. and Wieniawski, J. A NEW TOOL FOR INDUCED SPAWNING: THE USE OF 17ALPHA-HYDROXY - 20BETA-DIHYDROPROGESTERONE TO SPAWN CARP AT LOW TEMPERATURE. *Aquaculture* 10(4):353-364. Apr. 1977. SFA 22(4)

71-000400 Jalabert, B.; Goetz, F. W.; Breton, B.; Fostier, A. and Donaldson, E. M. PRECOCIOUS INDUCTION OF OOCYTE MATURATION AND OVULATION IN COHO SALMON, /ONCORHYNCHUS KISUTCH/. *J. Fish. Res. Board Can.* 35(11):1423-1429. Nov. 1978. In English with French summ. SFA 24(1)

71-000401 Jana, B. B. PRIMARY PRODUCTION AND BACTERIOPLANKTON IN FISH PONDS WITH MONO AND POLYCULTURE. *Hydrobiologia* 62(1):81-87. 8 Jan. 1979. SFA 24(3)

71-000402 Janisch, J. L. LARGEMOUTH BASS GROWTH RATES IN REARING PONDS STOCKED WITH ADULT FORAGE FISH. *Prog. Fish-Cult.* 38(1):42-43. Jan. 1976. SFA 21(1).

71-000403 Jensen, G. L. and Shelton, W. L. EFFECTS OF ESTROGENS ON /TILAPIA AUREA/: IMPLICATIONS FOR PRODUCTION OF MONOSEX GENETIC MALE TILAPIA. *Aquaculture* 16(3):233-242. Mar. 1979. SFA 24(3)

71-000404 Jensen, G. L.; Shelton, W. L. and Wilken, L. O. USE OF METHYLTESTOSTERONE SILASTIC IMPLANTS TO CONTROL SEX IN GRASS CARP. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 200-219. 1978. SFA 24(1)

71-000405 Jhingran, A. G. and Ghosh, K. K. THE FISHERIES OF THE GANGA RIVER SYSTEM IN THE CONTEXT OF INDIAN AQUACULTURE. *Aquaculture* 14(2):141-162. June 1978. SFA 23(4)

71-000406 Jhingran, V. G.; Sehgal, K. L.; Kumar, K. and Ghosh, B. B. REARING ADVANCED FRY OF MAJOR INDIAN CARP SPECIES IN RECIRCULATORY-FILTERING PONDS AT BARRACKPORE, WEST BENGAL. *Aquaculture* 18(1):45-49. Sept. 1979. SFA 25(1)

71-000407 Jhingran, V. G. and Sharma, B. K. OPERATIONAL RESEARCH PROJECT ON AQUACULTURE IN WEST BENGAL. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 27. 6p. Jan. 1978. SFA 24(1)

71-000408 Jhingran, V. G. and Sehgal, K. L. NOTE ON THE BREEDING, CARE AND MANAGEMENT OF COMMON CARP (/CYPRINUS CARPIO/ LINNAEUS). *Cent. Inland Fish. Res. Inst. Barrackpore Misc. Contrib.* no. 14. 11p. Mar. 1978. SFA 24(1)

71-000409 Jhingran, V. G. SYSTEMS OF POLYCULTURE OF FISHES IN THE INLAND WATERS OF INDIA. *J. Fish. Res. Board Can.* 33(4,2):905-910. Apr. 1976. In English with French summ. SFA 21(2).

71-000410 Khan, A. A. and Siddiqui, A. Q. SEASONAL CHANGES IN THE LIMNOLOGY OF A PERENNIAL FISH POND AT ALAGARH. *Indian J. Fish.* 21(2):463-478. 1974. SFA 23(2)

71-000411 Khan, H. A. and Mukhopadhyay, S. K. PRODUCTION OF STOCKING MATERIAL OF SOME AIR-BREATHING FISHES BY HYPOPHYSATION. *J. Inland Fish. Soc. India* 7:156-161. Dec. 1975. SFA 24(3)

71-000412 Kilambi, R. V.; Adams, J. C.; Brown, A. V. and Wickizer, W. A. EFFECTS OF STOCKING DENSITY AND CAGE SIZE ON GROWTH, FEED CONVERSION, AND PRODUCTION OF RAINBOW TROUT AND CHANNEL CATFISH. *Prog. Fish-Cult.* 39(2):62-66. Apr. 1977. SFA 22(3)

71-000413 Klopfenstein, D. and Klopfenstein, I. OREGON SALMON FARM PROJECT CONVERTS TO SEA RANCHING. *Fish Farming Int.* 5(1):8-11. Mar. 1978. SFA 23(4)

71-000414 Klopfenstein, D. and Klopfenstein, I. TILAPIA FARM IN OREGON. *Fish Farming Int.* 4(3):6-8. Sept. 1977. SFA 23(4)

71-000415 Kokhnenko, V. A.; Bezdenezhnykh, V. A. and Gorovaya, S. L. MATURATION OF THE EUROPEAN EEL (/ANGUILLA ANGUILLA/) WHEN ARTIFICIALLY REARED. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(6):878-883. 1977. SFA 24(1)

71-000416 Krishnamoorthi, K. P.; Abdolappa, M. K. and Jaganath Rao, A. V. PRODUCTIVITY OF /CLARIAS BATRACHUS/ IN THE SEWAGE FERTILIZED FISH PONDS. *Indian J. Environ. Health* 18(4):292-298. Oct. 1976. SFA 22(3)

71-000417 Kulkarni, C. V. and S. N. Ogale. THE PRESENT STATUS OF MAHSEER (FISH) AND ARTIFICIAL PROPAGATION OF *TOR KHUDREE* (SYKES). *J. Bombay Nat. Hist. Soc.* 75(3):651-660. Dec. 1978. SFA 25(2)

71-000418 Kuo, C.-M.; Nash, C. E. and Watanabe, W. O. INDUCED BREEDING EXPERIMENTS WITH MILKFISH, /CHANOS CHANOS/ FORSKAL, IN HAWAII. *Aquaculture* 18(2):95-105. Oct. 1979. SFA 25(1)

71-000419 Lam, T. J.; Pandey, S. and Hoar, W. S. INDUCTION OF OVULATION IN GOLDFISH BY SYNTHETIC LUTEINIZING HORMONE-RELEASING HORMONE (LH-RH). *Can. J. Zool.* 53(8):1189-1192. Aug. 1975. In English with French summ. SFA 22(1)

71-000420 Lauenstein, P. C. INTENSIVE CULTURE OF TILAPIA WITH GEOTHERMALLY HEATED WATER. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 82-85. 1978. SFA 24(1)

71-000421 Lazareva, L. P.; Omarov, M. O. and Lezina, A. N. FEEDING AND GROWTH OF THE BIGHEAD, /ARISTICHTHYS NOBILIS/, IN THE WATERS OF DAGESTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 65-71. 1977. SFA 23(3)

71-000422 Ledgerwood, R. D.; Hughes, D. G. and Vargas Ortiz, M. WET AND DRY SEASON COMPARISON OF /TILAPIA AUREA/ PRODUCTION IN EL SALVADOR IN NEW FERTILIZED AND UNFERTILIZED EARTHEN PONDS. *Proc. Annu. Meeting World Maricult. Soc.* 9:357-371. 1978. SFA 24(3)

71-000423 Lellak, J. POPULATION DYNAMICS OF THE BOTTOM FAUNA AND ITS RESPECT TO THE FISH STOCK IN THE CARP PONDS. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20(4):2194. 1978. SFA 24(4)

71-000424 Lesser, W. and Vilstrup, R. THE SUPPLY AND DEMAND FOR YELLOW PERCH 1915-1990. *Univ. Wis. Coll. Agric. Life Sci. Res. Bull.* R3006. 14p. Apr. 1979. SFA 25(1)

71-000425 Lessman, C. A. EFFECTS OF GONADOTROPIN MIXTURES AND TWO STEROIDS ON INDUCING OVULATION IN THE WALLEYE. *Prog. Fish-Cult.* 40(1):3-5. Jan. 1978. SFA 23(2)

71-000426 Lewis, W. M. and Sheehan, R. J. CHANNEL CATFISH CULTURE: STATE OF THE ART 1976. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:234-238. 1976[1978]. SFA 24(1)

71-000427 Lewis, W. M. and Wehr, L. W. A FISH-REARING SYSTEM INCORPORATING CAGES, WATER-CIRCULATION, AND SEWAGE REMOVAL. *Prog. Fish-Cult.* 38(2):78-81. Apr. 1976. SFA 21(3).

71-000428 Lewis, W. M.; Yopp, J. H.; Schramm, H. L., Jr. and Brandenburg, A. M. USE OF HYDROPONICS TO MAINTAIN QUALITY OF RECIRCULATED WATER IN A FISH CULTURE SYSTEM. *Trans. Am. Fish. Soc.* 107(1):92-99. Jan. 1978. SFA 23(3)

71-000429 Liao, I.-C.; Nakajima, H.; Natividad, M.; Buri, P.; Juario, J. V. and Kumagai, S. ON THE INDUCED SPAWNING AND LARVAL REARING OF MILKFISH, /CHANOS CHANOS/ (FORSKAL). *Aquaculture* 18(2):75-93. Oct. 1979. SFA 25(1)

71-000430 Liewes, E. W. EELS BRIGHT PROSPECTS FOR FARMING IN EUROPE. *Fish Farm. Int.* 5 (3): 8-13. Sept. 1978. SFA 24(1)

71-000431 Lopez, J. V. and B. S. Ranoemihardjo. POLYCULTURE OF MILKFISH (*CHANOS CHANOS*) AND SHRIMP (*PENAEUS MONODON*) TO INCREASE PRODUCTION IN PONDS. *Bull. Brackishwater Aquacult. Dev. Cent. (Jepara)* 4(1-2):268-277. Jan.-July 1978. SFA 25(3)

71-000432 Loyacano, H. A., Jr. and McCord, C. L., Jr. EXCESS FISHPOND NUTRIENT REMOVAL AND UTILIZATION BY WATERCHESTNUT CULTURE. *Clemson Univ. Water Resour. Res. Inst. Rep.* No. 69. 61p. June 1977. SFA 23(2)

71-000433 Loyacano, H. A., Jr. and Smith, D. C. ATTRACTION OF NATIVE FISH TO CATFISH CAGES IN RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:63-73. 1975[1976]. SFA 22(3)

71-000434 Lu, J. D. A RECIRCULATING AQUACULTURE SYSTEM. *Bamidgeh* 30(1):12-22. Mar. 1978. SFA 23(3)

71-000435 Maddox, J. J.; Behrends, L. L.; Madewell, C. E. and Pile, R. S. ALGAE-SWINE MANURE SYSTEM FOR PRODUCTION OF SILVER CARP, BIGHEAD CARP, AND TILAPIA. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 109-120. 1978. SFA 24(1)

71-000436 Mandal, B. K. LINMOLOGICAL STUDIES OF A FRESHWATER FISH POND AT BURDWAN, WEST BENGAL, INDIA. *Jpn. J. Limnol.* 41(1):10-18. Jan. 1980. SFA 25(4)

71-000437 Mathur, P. K.; Malhotra, J. C.; Mehrotra, S. N. and Shah, K. L. EXPERIMENTS ON THE NURSERY REARING OF SPAWN OF /HILSA ILISHA/ (HAMILTON) IN FRESHWATER PONDS. *J. Inland Fish. Soc. India* 6:205-210. Dec. 1974. SFA 24(3)

71-000438 Matsuno, T.; M. Katsuyama; M. Iwahashi; T. Koike and M. Okada. INTENSIFICATION OF COLOR OF RED *TILAPIA* WITH LUTEIN, RHODOXANTHIN AND SPIRULINA. *Bull. Jpn. Soc. Sci. Fish.* 46(4):479-482. Apr. 1980. WR 179

71-000439 Matsuno, T.; Nagata, S.; Iwahashi, M.; Koike, T. and Okada, M. [INTENSIFICATION OF COLOR OF FANCY RED CARP WITH ZEAXANTHIN AND MYXOXANTHOPHYLL, MAJOR CAROTENOID CONSTITUENTS OF /SPIRULINA/.] *Bull. Jpn. Soc. Sci. Fish.* 45(5):627-632. May 1979. In Japanese with English summ. SFA 24(4)

71-000440 McCord, C. L., Jr. and Loyacano, H. A., Jr. REMOVAL AND UTILIZATION OF NUTRIENTS BY CHINESE WATERCHESTNUT IN CATFISH PONDS. *Aquaculture* 13(2):143-155. Feb. 1978. SFA 23(3)

71-000441 McCoy, E. W. and Boutwell, J. L. PREPARATION OF FINANICIAL BUDGET FOR FISH PRODUCTION. CATFISH PRODUCTION IN AREAS WITH LEVEL LAND & ADEQUATE GROUND WATER. *Auburn Univ. Agric. Exp. Stn. Circ.* 233. 48p. Mar. 1977. SFA 22(3)

71-000442 McGinty, A. S. SURVIVAL, GROWTH AND VARIATION IN GROWTH OF CHANNEL CATFISH FRY AND FINGERLINGS. *Ph.D. dissertation, Auburn Univ.* 74p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(1):5. July 1980. SFA 25(4)

71-000443 McLarney, B. BRINGING A 'FORGOTTEN' FISH OUT OF THE WINGS. BULLHEADS: SIMPLE TO GROW; DELIGHTFUL TO EAT. *Commer. Fish Farmer* 4(2):28-32. Jan. 1978. SFA 23(2)

71-000444 McSwain, L. E.; Loska, P. M. and Germann, J. F. A METHOD OF COST ANALYSIS FOR WARMWATER FISH HATCHERIES. *Fisheries (Bull. Am. Fish. Soc.)* 3(3):12-15. May-June 1978. SFA 23(4)

71-000445 Merkowsky, A. and Avault, J. W., Jr. POLYCULTURE OF CHANNEL CATFISH AND HYBRID GRASS CARP. *Prog. Fish-Cult.* 38(2):76-77. Apr. 1976. SFA 21(3).

71-000446 Merkowsky, A. J.; Handcock, A. J. and Newton, S. H. ATTRACTION OF AERIAL INSECTS AS A FISH FOOD SUPPLEMENT. *Proc. Ark. Acad. Sci.* 31:75-76. 1977. SFA 23(3)

71-000447 Meryman, C. D. FARM PRODUCTION OF INTRODUCED ORNAMENTAL FISHES IN FLORIDA. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 230-239. 1978. SFA 24(1)

71-000448 Miley, W. W. and Leslie, A. J. GRASS CARP SPAWNING TESTED. *Fla. Conserv. News* 13(12):9. Sept. 1978. SFA 23(4)

71-000449 Mires, D. PRIMARY NURSING OF CARP FINGERLINGS IN TANKS. *Bamidgeh* 28(1/2):18-24. 1976. SFA 21(3).

71-000450 Mires, D. THEORETICAL AND PRACTICAL ASPECTS OF THE PRODUCTION OF ALL MALE TILAPIA HYBRIDS. *Bamidgeh* 29(3):94-101. Sept. 1977. SFA 23(2)

71-000451 Murai, T. HIGH-DENSITY REARING OF CHANNEL CATFISH FRY IN SHALLOW TROUGHS. *Prog. Fish-Cult.* 41(2):57. Apr. 1979. SFA 24(3)

71-000452 Muratori, R. A. and Ghittino, P. PROCEDE IN GIAPPONE LA SPERIMENTAZIONE SULL'ALLEVAMENTO DEL PEJERREY. [THE EXPERIMENTAL REARING OF PEJERREY (SILVERSIDE FISH) IS STILL PROGRESSING IN JAPAN.] *Riv. It. Piscic. Ittiop.* 11 (4): 105-107. Oct.-Nov.-Dec. 1976. In Italian with English summ. SFA 22(3)

71-000453 Murshed, S. M.; Roy, S. N.; Chakraborty, D.; Ranadhir, M. and Jhingran, V. G. POTENTIALS AND PROBLEMS OF COMPOSITE FISH CULTURE TECHNOLOGY IN WEST BENGAL. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 25. 11p. Oct. 1977. SFA 24(1)

71-000454 Murty, D. S.; Dey, R. K. and Reddy, P. V. G. K. EXPERIMENTS ON REARING EXOTIC CARP FINGERLINGS IN COMPOSITE FISH CULTURE IN INDIA. *Aquaculture* 13(4):331-337. Apr. 1978. SFA 23(4)

71-000455 Nagy, A.; V. Csanyi; J. Bakos; and L. Horvath. DEVELOPMENT OF A SHORT-TERM LABORATORY SYSTEM FOR THE EVALUATION OF CARP GROWTH IN PONDS. *Bamidgeh* 32(1):6-15. Mar. 1980. SFA 25(3)

71-000456 Newton, S. H. EVALUATION OF RACEWAY SYSTEMS FOR THE PRODUCTION OF CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) FINGERLINGS. *Ph.D. dissertation, South. Ill. Univ.* 89p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-000457 Newton, S. H.; Merkowsky, A. J.; Handcock, A. J. and Meisch, M. V. MOSQUITOFISH, /GAMBUSIA AFFINIS/ (BAIRD AND GIRARD) PRODUCTION IN EXTENSIVE POLYCULTURE SYSTEMS. *Proc. Ark. Acad. Sci.* 31:77-78. 1977. SFA 23(3)

71-000458 Newton, S. H.; Dean, J. C. and Handcock, A. J. LOW INTENSITY POLYCULTURE WITH CHINESE CARPS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 137-143. 1978. SFA 24(1)

71-000459 Ogurtsov, G. I. ECOLOGICAL SIGNIFICANCE OF THE WINTER BEDDING OF CARP FINGERLINGS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 10(5):441-443. May 1980. SFA 25(4)

71-000460 Opuszynski, K. SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/ (VAL.), IN CARP PONDS. I. FISHERY PRODUCTION AND FOOD RELATIONS. *Ekol. Pol.* 27(1):71-92. 1979. SFA 24(4)

71-000461 Opuszynski, K. SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/ (VAL.), IN CARP PONDS. II. REARING OF FRY. *Ekol. Pol.* 27(1):93-116. 1979. SFA 24(4)

71-000462 Opuszynski, K. SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/ (VAL.), IN CARP PONDS. III. INFLUENCE ON ECOSYSTEM. *Ekol. Pol.* 27(1):117-133. 1979. SFA 24(4)

71-000463 Padlan, P. G.; Poernomo, A. and Alikunhi, K. H. YEAR-ROUND, MULTIPLE CROPPING TO INCREASE PRODUCTION OF MILKFISH, /CHANOS CHANOS/, FROM SHALLOW, BRACKISH WATER PONDS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 1(2):79-98. July 1975. In English with Indonesian summ. SFA 22(2)

71-000464 Papoutsoglou, S. E.; E. G. Papaparaskeva-Papoutsoglou and P. K. Dendrinos. STUDIES ON THE EFFECT OF DENSITY ON BODY COMPOSITION, GROWTH RATE AND SURVIVAL OF RAINBOW TROUT FRY, REARED IN SEMICLOSED SYSTEM. *Thalassographica* 3(1):43-56. Nov. 1979. In English with Greek summ. SFA 25(3)

71-000465 Parker, N. C. and Strawn, K. /AUFWUCHS/ AND SEDIMENT FOULDING RATES IN FLOW-THROUGH AQUARIA RECEIVING A HEATED EFFLUENT FROM UPPER GALVESTON BAY, TEXAS. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:543-559. 1976. SFA 22(4)

71-000466 Pecor, C. H. EXPERIMENTAL INTENSIVE CULTURE OF TIGER MUSKELLUNGE IN A WATER REUSE SYSTEM. *Prog. Fish-Cult.* 41(2):103-108. Apr. 1979. SFA 24(3)

71-000467 Pennington, C. H. and Strawn, K. STOCKING DENSITY: ITS EFFECT ON CAGED-CHANNEL CATFISH PRODUCTION. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:514-518. 1977[1979]. SFA 24(4)

71-000468 Pennington, C. H. CAGE CULTURE OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ (RAFINESQUE), IN A THERMALLY MODIFIED TEXAS RESERVOIR. *Ph.D. dissertation, Texas A&M Univ.* 122p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3484. Feb. 1978. SFA 23(3)

71-000469 Perry, K. R. and Wilson, J. L. EFFECTS OF THE STEROID, METHANDROSTENOLONE, ON GROWTH AND GROSS PATHOLOGY OF CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:597-602. 1977[1979]. SFA 24(4)

71-000470 Perry, W. G., Jr. and Avault, J. W., Jr. POLYCULTURE STUDIES WITH CHANNEL CATFISH AND BUFFALO. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:91-98. 1975[1976]. SFA 22(3)

71-000471 Pitcher, T. J. AN ENERGY BUDGET FOR A RAINBOW TROUT FARM. *Environ. Conserv.* 4(1):59-65. 1977. SFA 22(3)

71-000472 Prentice, J. A. and Dean, W. J., Jr. EFFECT OF TEMPERATURE ON WALLEYE EGG HATCH RATE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:458-462. 1977[1979]. SFA 24(4)

71-000473 Pretto Malca, R. POLYCULTURE SYSTEMS WITH CHANNEL CATFISH AS THE PRINCIPAL SPECIES. *Ph. D. dissertation, Auburn Univ.* 202p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-000474 PROGRESS REPORT OF THE FRESHWATER AQUACULTURE CENTER. *Cent. Luzon State Univ. Freshwater Aquacult. Cent. Tech. Rep.* No. 15 iv + 121p. 1979. SFA 25(3)

71-000475 Raman, K.; Ghosh, S. R. and Chatterjee, D. K. STUDIES ON THE ECOLOGY OF FISH PONDS WITH SPECIAL REFERENCE TO BOTTOM FAUNA. *J. Inland Fish. Soc. India* 7:173-181. Dec. 1975. SFA 24(3)

71-000476 Ranadhir, M. and Gopalakrishnan, V. THE PROFITABILITY OF CARP FRY CULTURE IN HOWRAH AND HOOGHLY DISTRICTS OF WEST BENGAL. *J. Inland Fish. Soc. India* 5:189-194. Dec. 1973. SFA 24(3)

71-000477 Ranoemihardjo, B. S. and Hamami, E. IMPROVED METHODS OF MILKFISH CULTURE. II. INCREASING PRODUCTION IN SHALLOW UNDRAINABLE BRACKISHWATER PONDS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 2(1-2):107-113. Jan.-July 1976. SFA 24(4)

71-000478 Rappaport, A.; Sarig, S. and Marek, M. RESULTS OF TESTS OF VARIOUS AERATION SYSTEMS ON THE OXYGEN REGIME IN THE GENOSAR EXPERIMENTAL PONDS AND GROWTH OF FISH THERE IN 1975. *Bamidgeh* 28(3):35-49. Sept. 1976. SFA 21(4).

71-000479 Rappaport, U. and Sarig, S. THE EFFECT OF POPULATION DENSITY OF CARP IN MONOCULTURE UNDER CONDITIONS OF INTENSIVE GROWTH. *Bamidgeh* 31(2):26-34. June 1979. SFA 25(1)

71-000480 Rappaport, U.; Sarig, S. and Bejerano, Y. OBSERVATIONS ON THE USE OF ORGANIC FERTILIZERS IN INTENSIVE FISH FARMING AT THE GINOSAR STATION IN 1976. *Bamidgeh* 29(2):57-70. June 1977. SFA 22(4)

71-000481 Ray, L. E. PRODUCTION OF TILAPIA IN CATFISH RACEWAYS USING GEOTHERMAL WATER. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 86-89. 1978. SFA 24(1)

71-000482 Rickards, W. L.; Jones, W. R. and Foster, J. E. TECHNIQUES FOR CULTURING THE AMERICAN EEL. *Proc. Annu. Meeting World Maricult. Soc.* 9: 641-646. 1978. SFA 24(3)

71-000483 Rickett, J. D. GROWTH AND REPRODUCTION OF LARGEMOUTH BASS AND BLACK BULLHEADS CULTURED TOGETHER. *Prog. Fish-Cult.* 38(2):82-85. Apr. 1976. SFA 21(3).

71-000484 Rifai, S. A. CONTROL OF REPRODUCTION OF *TILAPIA NILOTICA* USING CAGE CULTURE. *Aquaculture* 20(3):177-185. July 1980. SFA 25(4)

71-000485 Roberts, K. and Bauer, L. UNITED STATES MARICULTURE DEVELOPMENT AND THE ECONOMIC EVOLUTION OF CATFISH SYSTEMS AS PARADIGMS OF RELEVANCE. *Proc. Annu. Meeting World Maricult. Soc.* 9:375-382. 1978. SFA 24(3)

71-000486 Robinette, H. R.; Finnie, D.; Whisler, F. D.; Young, J.; Miller, W. F. and Cannon, T. AERIAL SURVEILLANCE TO MONITOR WATER QUALITY IN CATFISH PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:287-293. 1975[1976]. SFA 22(3)

71-000487 Romaire, R. P. and Boyd, C. E. EFFECTS OF SOLAR RADIATION ON THE DYNAMICS OF DISSOLVED OXYGEN IN CHANNEL CATFISH PONDS. *Trans. Am. Fish. Soc.* 108(5):473-478. Sept. 1979. SFA 25(1)

71-000488 Romaire, R. P. MODELING THE DYNAMICS OF DISSOLVED OXYGEN IN CHANNEL CATFISH PRODUCTION PONDS. *Ph.D. dissertation, Auburn Univ.* 105p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(1):79. July 1979. SFA 24(4)

71-000489 Romaire, R. P.; Boyd, C. E. and Collis, W. J. PREDICTING NIGHTTIME DISSOLVED OXYGEN DECLINE IN PONDS USED FOR TILAPIA CULTURE. *Trans. Am. Fish. Soc.* 107(6):804-808. Nov. 1978. SFA 24(2)

71-000490 Romanenko, V. D.; Vesel'skiy, S. P.; Yevtushenko, N. Yu. and Tereshchenko, M. I. GROWTH ACCELERATION IN THE CARP, /CYPRINUS CARPIO/, BY MEANS OF ION ACTIVATION OF CABOXYLATION PROCESSES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):169-173. 1977. SFA 23(3)

71-000491 Roseberg, R. B. and Kilambi, R. V. GROWTH AND PRODUCTION OF GOLDEN SHINER /NOTEMIGONUS CRYSOLEUCAS/ (MITCHILL), UNDER DIFFERENT STOCKING DENSITIES AND PROTEIN LEVELS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:385-392. 1975. SFA 21(3).

71-000492 Rottmann, R. W. and Shireman, J. V. TANK SPAWNING OF GRASS CARP. *Aquaculture* 17(3):257-267. July 1979. SFA 24(4)

71-000493 Ruane, R. J.; Chu, T.-Y. J. and Vandergriff, V. E. CHARACTERIZATION AND TREATMENT OF WASTE DISCHARGED FROM HIGH-DENSITY CATFISH CULTURES. *Water Res.* 11(9):789-800. 1977. SFA 23(1)

71-000494 Rubtsov, V. V. THE EFFECT ON WILD CARP (/CYPRINUS CARPIO/) EGG MEMBRANES OF DEGUMMING WITH PAS-G AND TANNIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):1028-1032. 1976. SFA 23(3)

71-000495 Rudenko, G. P.; Volokhonskiy, A. G.; Tarasova, S. G. and Tereshenkov, I. I. INTENSIFICATION OF FISH CULTURE AND ITS EFFECT ON THE ECOLOGY OF SMALL LAKES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):326-335. 1974. SFA 21(2).

71-000496 Sadoglu, P. A BREEDING METHOD FOR BLIND /ASTYANAX MEXICANUS/ BASED ON ANNUAL SPAWNING PATTERNS. *Copeia* 1979 (2): 369-371. 18 May 1979. SFA 24(3)

71-000497 Saha, G. N. and Rao, N. G. S. REPORT ON FISH CULTURE PROSPECTS IN THE COLLAIR LAKE. *Cent. Inland Fish. Res. Inst. Barrackpore Surv. Rep.* no. 6. 5p. Jan. 1977. SFA 24(1)

71-000498 Saha, G. N.; Raman, K.; Chatterjee, D. K. and Ghosh, S. R. RELATIVE RESPONSE OF THREE NITROGENOUS FERTILIZERS IN DIFFERENT POND SOILS IN RELATION TO PRIMARY PRODUCTIVITY, PLANKTON AND SURVIVAL AND GROWTH OF /LABEO ROHITA/ SPAWN. *J. Inland Fish. Soc. India* 7:162-172. Dec. 1975. SFA 24(3)

71-000499 Sanico, A. F. EFFECTS OF 17A-ETHYNYLTESTOSTERONE AND ESTRONE ON SEX RATIO AND GROWTH OF /TILAPIA AUREA/ (STEINDACHNER). *Philipp. J. Fish.* 13 (1): 1-17. 1975. SFA 22(1)

71-000500 Schachte, J. H., Jr. IODOPHOR DISINFECTION OF MUSKELLUNGE EGGS UNDER INTENSIVE CULTURE IN HATCHERIES. *Prog. Fish-Cult.* 47(4):189-190. Oct. 1979. SFA 25(1)

71-000501 Schroeder, J. L. AGRICULTURAL WASTES IN FISH FARMING, A COMMERCIAL APPLICATION OF THE CULTURE OF SINGLE-CELLED ORGANISMS FOR PROTEIN PRODUCTION. *Water Res.* 11(4):419-420. 1977. SFA 22(3)

71-000502 Shang, Y. C. INDONESIAN MILKFISH FARMING--AN ECONOMIC EVALUATION. *Fish Farming Int.* 3(4):42-44. Dec. 1976. SFA 22(4)

71-000503 Shelton, W. L.; Hopkins, K. D. and Jensen, G. L. USE OF HORMONES TO PRODUCE MONOSEX TILAPIA FOR AQUACULTURE. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 10-33. 1978. SFA 24(1)

71-000504 Shireman, J. V.; Stetler, R. L. and Colle, D. E. POSSIBLE USE OF THE LAKE CHUBSUCKER AS A BAITFISH. *Prog. Fish-Cult.* 40(1):33-34. Jan. 1978. SFA 23(2)

71-000505 Shireman, J. V.; Colle, D. E. and Rottmann, R. W. MANIPULATION OF TEMPERATURE AND PHOTOPERIOD FOR INDUCING MATURATION IN GRASS CARP. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 156-164. 1978. SFA 24(1)

71-000506 Shireman, J. V.; Colle, D. E. and Rottmann, R. W. INTENSIVE CULTURE OF GRASS CARP, /CTENOPHARYNGODON IDELLA/, IN CIRCULAR TANKS. *J. Fish Biol.* 11(3):267-272. Sept. 1977. SFA 23(1)

71-000507 Sinha, V. R. P. HYDRATION OF FEMALE SPAWNERS OF CARPS DURING HYPOPHYSATION. *Hydrobiologia* 72(1-2):193-196. 10 July 1980. SFA 25(4)

71-000508 Smith, I. R.; Cas, F. C.; Gibe, B. P. and Romillo, L. M. PRELIMINARY ANALYSIS OF THE PERFORMANCE OF THE FRY INDUSTRY OF THE MILKFISH (/CHANOS CHANOS/ FORSKAL) IN THE PHILIPPINES. *Aquaculture* 14(3):199-219. July 1978. SFA 23(4)

71-000509 Smitherman, R. O.; El-Ibiary, H. M. and Reagan, R. E., (eds.). GENETICS AND BREEDING OF CHANNEL CATFISH. *U.S. Dep. Agric. South. Coop. Ser. Bull.* 223. 34p. Oct. 1978. SFA 24(3)

71-000510 Snow, J. R. and Wright, C. F. REARING LARGEMOUTH BASS FINGERLINGS IN CAGES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:74-81. 1975[1976]. SFA 22(3)

71-000511 Snow, J. R. HATCHERY PROPAGATION OF THE BLACK BASSES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 344-356. 1975. SFA 21(3).

71-000512 Snow, J. R. INCREASING THE YIELD OF CHANNEL CATFISH REARING PONDS BY PERIODIC DIVISION OF THE STOCK. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:239-245. 1976[1978]. SFA 24(1)

71-000513 Spataru, P. and Hepher, B. COMMON CARP PREDATING ON TILAPIA FRY IN A HIGH DENSITY POLYCULTURE FISHPOND SYSTEM. *Bamidgeh* 29(1):25-28. Mar. 1977. SFA 22(3)

71-000514 Srivastava, J. B. and Chowdhary, S. K. CULTURE OF /CATLA CATLA/ IN A LENTIC IMPOUNDMENT IN JAMMU. *Aquaculture* 18(3):283-285. Nov. 1979. SFA 25(1)

71-000515 Stanley, J. G. A REVIEW OF METHODS FOR OBTAINING MONOSEX FISH AND PROGRESS REPORT ON PRODUCTION OF MONOSEX WHITE AMUR. *J. Aquatic Plant Manage.* 14:68-73. June 1976. SFA 21(4)

71-000516 Statova, M. P. THE STATE OF THE ANTERIOR PITUITARY IN PHYTOPHAGOUS FISHES BEFORE AND AFTER PITUITARY INJECTIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):240-248. 1974. SFA 21(2).

71-000517 Steinbach, D. W. AN INTENSIVE CULTURE SYSTEM FOR CHANNEL CATFISH FINGERLINGS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:484-492. 1977[1979]. SFA 24(4)

71-000518 Stickney, R. R.; Hesby, J. H.; McGeachin, R. B. and Isbell, W. A. GROWTH OF /TILAPIA NILOTICA/ IN PONDS WITH DIFFERING HISTORIES OF ORGANIC FERTILIZATION. *Aquaculture* 17(3):189-194. July 1979. SFA 24(4)

71-000519 Stickney, R. R. and Chamberlain, S. K. EFFECTS OF DENSITY ON THE GROWTH OF /TILAPIA AUREA/. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 86-94. 1978. SFA 24(1)

71-000520 Stickney, R. R. and Hesby, J. H. TILAPIA PRODUCTION IN PONDS RECEIVING SWINE WASTES. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 90-101. 1978. SFA 24(1)

71-000521 Suffern, J. S.; Adams, S. M.; Blaylock, B. G.; Coutant, C. C. and Guthrie, C. A. GROWTH OF MONOSEX HYBRID TILAPIA IN THE LABORATORY AND SEWAGE OXIDATION PONDS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 65-81. 1978. SFA 24(1)

71-000522 Sugimoto, Y.; Takeuchi, Y.; Yamaucki, K. and Takahashi, H. [INDUCED MATURATION OF FEMALE JAPANESE EELS (/ANGUILLA JAPONICA/) BY ADMINISTRATION OF SALMON PITUITARIES, WITH NOTES ON CHANGES OF OIL DROPLETS IN EGGS OF MATURED EELS.] *Bull. Fac. Fish. Hokkaido Univ.* 27(3-4):107-120. Dec. 1976. In Japanese with English summ. SFA 22(4)

71-000523 Sundararaj, B. I. and Vasal, S. PHOTOPERIOD AND TEMPERATURE CONTROL IN THE REGULATION OF REPRODUCTION IN THE FEMALE CATFISH /HETEROPNEUSTES FOSSILIS/. *J. Fish. Res. Board Can.* 33(4,2):959-973. Apr. 1976. In English with French summ. SFA 21(2).

71-000524 Sundararaj, B. I. and Goswami, S. V. HORMONAL REGULATION OF /IN VIVO/ AND /IN VITRO/ OOCYTE MATURATION IN THE CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Gen. Comp. Endocrinol.* 32(1):17-28. May 1977. SFA 22(3)

71-000525 Szumiec, J. RANGE OF CHANGES IN FISHPOND ENVIRONMENT INFLUENCED BY INTENSIVE CARP FARMING. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20(4):2137-2141. 1978. SFA 24(4)

71-000526 Tal, S. and Ziv, I. CULTURE OF EXOTIC SPECIES IN ISRAEL. *Bamidgeh* 30(1):3-11. Mar. 1978. SFA 23(3)

71-000527 Tal, S. and Ziv, I. CULTURE OF EXOTIC FISHES IN ISRAEL. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 1-9. 1978. SFA 24(1)

71-000528 Tamas, G. and Horvath, L. GROWTH OF CYPRINIDS UNDER OPTIMAL ZOOPLANKTON CONDITIONS. *Bamidgeh* 28(3):50-56. Sept. 1976. SFA 21(4).

71-000529 Tan, E. S. P. SOME ASPECTS OF THE BIOLOGY OF MALAYSIAN RIVERINE CYPRINIDS. *Aquaculture* 20(3):281-289. July 1980. SFA 25(4)

71-000530 Thomas, A. E. and Carter, R. R. SURVIVAL OF MONOSEX GRASS CARP IN SMALL PONDS. *Prog. Fish-Cult.* 39(4):184. Oct. 1977. SFA 23(1)

71-000531 Thomas, A. E.; Carter, R. R. and Greenland, D. C. SURVIVAL OF ONE-AND TWO-YEAR-OLD MONOSEX GRASS CARP IN SMALL PONDS. *Prog. Fish-Cult.* 41(1):38. Jan. 1979. SFA 24(2)

71-000532 Titarev, Ye. F. ACCELERATION OF MATURATION IN THE RAINBOW TROUT (/SALMO GAIRDNERI/) UNDER THE INFLUENCE OF INCREASED WATER TEMPERATURE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):507-509. 1975. SFA 21(4)

71-000533 Tsai, S.-C. CONTROL OF CHIRONOMIDS IN MILKFISH (/CHANOS CHANOS/) PONDS WITH ABATE (TEMEPHOS) INSECTICIDE. *Trans. Am. Fish. Soc.* 107(3):493-499. May 1978. SFA 23(4)

71-000534 Tucker, C. S. and Boyd, C. E. EFFECTS OF SIMAZINE TREATMENT ON CHANNEL CATFISH AND BLUEGILL PRODUCTION IN PONDS. *Aquaculture* 15(4):345-352. Dec. 1978. SFA 24(2)

71-000535 Tucker, L.; Boyd, C. E. and McCoy, E. W. EFFECTS OF FEEDING RATE ON WATER QUALITY, PRODUCTION OF CHANNEL CATFISH, AND ECONOMIC RETURNS. *Trans. Am. Fish. Soc.* 108(4):389-396. July 1979. SFA 25(1)

71-000536 Turner, C. J.; Lawrence, J. M. and Bayne, D. R. THE EFFECTS OF HEATED WATER ON WARMWATER FISH IN EARTHEN RACEWAYS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:332-342. 1977[1979]. SFA 24(4)

71-000537 Tweddle, D. and Turner, J. L. AGE, GROWTH AND NATURAL MORTALITY RATES OF SOME CICHLID FISHES OF LAKE MALAWI. *J. Fish Biol.* 10 (4): 385-398. Apr. 1977. SFA 22(3)

71-000538 Ueda, H. and Takahashi, H. PROMOTION OF OVARIAN MATURATION ACCOMPANIED WITH OVULATION AND CHANGES OF PITUITARY GONADOTROPHS AFTER OVULATION IN THE LOACH, /MISGURNUS ANGUILLICAUDATUS/, TREATED WITH CLOMIPHENE CITRATE. *Bull. Fac. Fish. Hokkaido Univ.* 28(3):106-117. Aug. 1977. SFA 23(3)

71-000539 Ueda, H. and Takahashi, H. PROMOTION BY CLOMIPHENE CITRATE OF GONADAL DEVELOPMENT AND BODY GROWTH IN IMMATURE AND MATURING GOLDFISH, /CARASSIUS AURATUS/. *Bull. Fac. Fish. Hokkaido Univ.* 28(4):181-192. Nov. 1977. SFA 23(3)

71-000540 University of Wisconsin Sea Grant College Program. AQUACULTURE: RAISING PERCH FOR THE MIDWEST MARKER. *Univ. Wis. Sea Grant Coll. Prog. Advis. Rep.* No. 13. viii + 87p. June 1975. SFA 21(1).

71-000541 Valenti, R. J. INDUCED POLYPLOIDY IN /TILAPIA AUREA/ (STEINDACHNER) BY MEANS OF TEMPERATURE SHOCK TREATMENT. *J. Fish Biol.* 7(4):519-528. July 1975. SFA 22(2)

71-000542 Von Lukowicz, M. and C. Proske. PRODUCTION AND REPRODUCTION OF TENCH. *Riv. It. Piscic. Ittiop.* 14(4):109-112, 115-116. Oct.-Nov.-Dec. 1979. In English and Italian SFA 25(2)

71-000543 Walker, F. L. and Simco, B. A. AMMONIA PRODUCTION BY UNFED AND FED CHANNEL CATFISH IN A RECIRCULATING RACEWAY. *J. Tenn. Acad. Sci.* 52(2):73. Apr. 1977. SFA 22(3)

71-000544 Waltemyer, D. L. TANNIN AS AN AGENT TO ELIMINATE ADHESIVENESS OF WALLEYE EGGS DURING ARTIFICIAL PROPAGATION. *Trans. Am. Fish. Soc.* 105(6):731-736. Nov. 1976. SFA 22(1)

71-000545 Welykochatko, T. BIOLOGY OF THE CARP IN BRAZIL. *Ann. Zool. (Agra)* 12(2):53-65. Apr. 1976. SFA 22(2)

71-000546 Wilbur, R. L. and Langford, F. USE OF HUMAN CHORIONIC GONADOTROPIN (HCG) TO PROMOTE GAMETIC PRODUCTION IN MALE AND FEMALE LARGEMOUTH BASS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:242-250. 1975. SFA 21(3).

71-000547 Wohlfarth, G. W.; M. Lahman; G. Hulata and R. Moav. THE STORY OF "DOR-70," A SELECTED STRAIN OF THE ISRAELI COMMON CARP. *Bamidgeh* 32(1):3-5. Mar. 1980. SFA 25(3)

71-000548 Wright, C. W. and Coke, M. M. THE ARTIFICIAL PROPAGATION OF /BARBUS NATALENSIS/: 1: INDUCED SPAWNING AND ARTIFICIAL FERTILISATION. *Lammergeyer* No. 22. p. 37-41. Oct. 1975. SFA 24(2)

71-000549 Yant, D. R.; Smitherman, R. O. and Green, O. L. PRODUCTION OF HYBRID (BLUE X CHANNEL) CATFISH AND CHANNEL CATFISH IN PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:82-86. 1975[1976]. SFA 22(3)

71-000550 Zerunian, S. ACCRESCIMENTO IN CONDIZIONI NATURALI ED INTENSIVE DEL PERSICO TROTA (*MICROPTERUS SALMOIDES*) NEL BASSO LAZIO. [GROWTH OF LARGEMOUTH BASS (*MICROPTERUS SALMOIDES*) REARED IN POND AND IN CAGES IN SOUTHERN LATIUM (CENTRAL ITALY).] *Riv. It. Piscic. Ittiop.* 15(1):13-16. Jan.-Feb.-Mar. 1980. In Italian with English summ. SFA 25(3)

71-000551 Zur, O. THE APPEARANCE OF CHIRONOMID LARVAE IN PONDS CONTAINING COMMON CARP (*CYPRINUS CARPIO*). *Bamidgeh* 31(4):105-113. Dec. 1979. SFA 25(2)

MARICULTURE

71-000552 Ager, L. A.; Hammond, D. E. and Ware, F. ARTIFICIAL SPAWNING OF SNOOK. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:158-166. 1976[1978]. SFA 24(1)

71-000553 Alikunhi, K. H.; Ranoemihardjo, B. S.; Poernomo, A. and Hamami, E. PRELIMINARY OBSERVATIONS ON REARING OF MILKFISH FRY ON PLANKTON IN CEMENT TANKS AND PLASTIC POOLS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 1(1):40-45. Jan. 1975. SFA 24(2)

71-000554 Angeles, H. G. A REPORT ON THE OBSERVATION OF BANGUS (MILKFISH) FRY INDUSTRY IN MINDORO ORIENTAL. *Philipp. J. Fish.* 14(1):107-116. Jan.-June 1976. SFA 24(2)

71-000555 Ansuini, F. J. and Huguenin, J. E. THE DESIGN AND DEVELOPMENT OF A FOULING RESISTANT MARINE FISH CAGE SYSTEM. *Proc. Annu. Meeting World Maricult. Soc.* 9:737-745. 1978. SFA 24(3)

71-000556 Arnold, C. R.; Bailey, W. H.; Williams, T. D.; Johnson, A. and Lasswell, J. L. LABORATORY SPAWNING AND LARVAL REARING OF RED DRUM AND SOUTHERN FLOUNDER. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:437-440. 1977[1979]. SFA 24(4)

71-000557 Arnold, C. R.; Lasswell, J. L.; Bailey, W. H.; Williams, T. D. and Fable, W. A., Jr. METHODS AND TECHNIQUES FOR SPAWNING AND REARING SPOTTED SEATROUT IN THE LABORATORY. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:167-178. 1976[1978]. SFA 24(1)

71-000558 Aronovich, T. [ARTIFICIAL BREEDING OF MULLET /MUGIL CEPHALUS/ L.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:29-41. 1975[1977]. In Russian. SFA 24(4)

71-000559 Aronovich, T. M. SOVIET EXPERIMENTS ON ARTIFICIAL REARING OF COD SPECIES (GADIDAE). *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:101-112. 1974[1977]. SFA 24(4)

71-000560 Ayushin, B. N. and Chigirinsky, A. I. [BIOECOLOGICAL BASIS AND TRENDS OF MARICULTURE DEVELOPMENT IN THE FAR-EAST COAST.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:317-325. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000561 Ayushin, B. N. [EXPERIMENTS ON THE SPAWNING OF PACIFIC SAURY ON AN ARTIFICIAL SPAWNING BED IN JAPAN SEA.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:67-72. 1972[1977]. In Russian and Japanese. SFA 24(4)

71-000562 Ayushin, B. N. [EXPERIMENTS ON THE SPAWNING OF PACIFIC SAURY ON AN ARTIFICIAL SPAWNING BED IN JAPAN SEA.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 67-72. Sept. 1973. In Russian with Japanese summ. SFA 24(2)

71-000563 Barahona-Fernandes, M. H. EFFECT OF AERATION ON THE SURVIVAL AND GROWTH OF SEA BASS (/DICENTRARCHUS LABRAX/ L.) LARVAE: A PRELIMINARY STUDY. *Aquaculture* 14(1):67-74. May 1978. SFA 23(4)

71-000564 Barkmann, R. C. and Beck, A. D. INCUBATING EGGS OF THE ATLANTIC SILVERSIDE ON NYLON SCREEN. *Prog. Fish-Cult.* 38(3):148-150. July 1976. SFA 21(4)

71-000565 Benko, Y. K. [PRESENT STATUS AND PROSPECTS OF THE DEVELOPMENT OF MARICULTURE IN THE BLACK SEA.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:305-316. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000566 Benko, Y. K. [THE PRESENT STATUS OF INVESTIGATION ON MARICULTURE IN THE USSR.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:37-46. 1976[1977]. In Russian with Japanese summ. SFA 24(4)

71-000567 Borgese, E. M. A NET OF CONNECTED MESHES: SEA FARMING AROUND THE WORLD. *Oceans* 12(2):9-15. Mar.-Apr. 1979. SFA 24(3)

71-000568 Branch, M. R. and Strawn, K. BRACKISH WATER POND POLYCULTURE OF ESTUARINE FISHES IN THERMAL EFFLUENT. *Proc. Annu. Meeting World Maricult. Soc.* 9:345-356. 1978. SFA 24(3)

71-000569 Brasola, V.; Kalfa, A. M. and Cannas, A. ESPERIENZE POSITIVE DI RIPRODUZIONE ARTIFICIALE DI /MUGIL CEPHALUS/ (L.) EFFETTUATE NELLA LAGUNA DI ORBETELLO. [A POSITIVE RESULT OF ARTIFICIAL REPRODUCTION IN /MUGIL CEPHALUS/ (L.) OBTAINED AT THE LAGOON OF ORBETELLO.] *Riv. It. Piscic. Ittiop.* 14 (1): 15-20. Jan.-Feb.-Mar. 1979. In Italian with English summ. SFA 24(3)

71-000570 Bryan, P. G. and Madraisau, B. B. LARVAL REARING AND DEVELOPMENT OF /SIGANUS LINEATUS/ (PISCES: SIGANIDAE) FROM HATCHING THROUGH METAMORPHOSIS. *Aquaculture* 10(3):243-252. Mar. 1977. SFA 22(3)

71-000571 Calaprice, J. R. MARICULTURE--ECOLOGICAL AND GENETIC ASPECTS OF PRODUCTION. *J. Fish. Res. Board Can.* 33(4,2):1068-1087. Apr. 1976. In English with French summ. SFA 21(2).

71-000572 Chan, K. K. EFFECT OF SYNTHETIC LUTEINIZING HORMONE-RELEASING HORMONE (LH-RH) ON OVARIAN DEVELOPMENT IN JAPANESE MEDAKA, /ORYZIAS LATIPES/. *Can. J. Zool.* 55(1):155-160. Jan. 1977. In English with French summ. SFA 22(4)

71-000573 Chen, T. P. CULTURE OF MILKFISH (/CHANOS CHANOS/) AS A MEANS OF INCREASING ANIMAL PROTEIN SUPPLY. *J. Fish. Res. Board Can.* 33(4,2):917-919. Apr. 1976. In English with French summ. SFA 21(2).

71-000574 Chepurnov, A. V. SOVIET ICHTHYOLOGY AND THE DEVELOPMENT OF MARINE AQUACULTURE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):199-203. 1976. SFA 22(3)

71-000575 Chervinski, J. PRELIMINARY EXPERIMENTS ON THE ADAPTABILITY OF JUVENILE EUROPEAN SEA BASS (/DICENTRARCHUS LABRAX/ (L)) AND GILTHEAD SEA BREAM (/SPARUS AURATA/ (L)) TO BRACKISH WATER. *Bamidgeh* 31(1):14-17. Mar. 1979. SFA 24(4)

71-000576 Chua, T.-E. and S.-K. Teng. ECONOMIC PRODUCTION OF ESTUARY GROUPER, *EPINEPHELUS SALMOIDES* MAXWELL, REARED IN FLOATING NET CAGES. *Aquaculture* 20(3):187-228. July 1980. SFA 25(4)

71-000577 Colura, R. L.; Hysmith, B. T. and Stevens, R. E. FINGERLING PRODUCTION OF STRIPED BASS (/MORONE SAXATILIS/), SPOTTED SEATROUT (/CYNOSCION NEBULOSUS/), AND RED DRUM (/SCIAENOPS OCELLATA/), IN SALTWATER PONDS. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:79-92. 1976. SFA 22(4)

71-000578 Cuyvers, L. HERDING SEA BREAM. *Oceans* 12(2):21-23. Mar.-Apr. 1979. SFA 24(3)

71-000579 De Jesus, A. S. and Deanon, R. R. SURVEY OF BANGUS AND SUGPO FRY GROUNDS AND OTHER MARINE RESOURCES OF QUEZON AND BICOL PROVINCES. *Philipp. J. Fish.* 14(1):88-106. Jan.-June 1976. SFA 24(2)

71-000580 Doroshev, D. I. THE PRESENT STATUS AND PERSPECTIVES FOR ARTIFICIAL REARING AND ACCLIMATION OF SEA AND BRACKISH-WATER FISH IN THE USSR. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:63-73. 1974[1977]. SFA 24(4)

71-000581 Dushkina, L. A.; Khuzin, R. Sh.; Rozhdestvenskaya, A. D. and Gorislavskaya, M. M. [THE EXPERIMENTS TO INCREASE THE EFFECTIVENESS OF NATURAL REPRODUCTION OF MARINE SPECIES AND TO STUDY THE ACCLIMATIZATION AND REARING OF DIADROMOUS SALMON IN THE BARENTS AND WHITE SEAS.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:209-221. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000582 Fortes, R. D. EVALUATION OF TENPOUNDER AND TARPON AS PREDATORS ON JAVA TILAPIA IN BRACKISHWATER PONDS IN THE PHILIPPINES. *Ph. D. dissertation, Auburn Univ.* 98p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):998. Sept. 1979. SFA 25(1)

71-000583 Fuchs, J. INFLUENCE DE LA PHOTOPERIODE SUR LA CROISSANCE ET LA SURVIE DE LA LARVE ET DU JUVENILE DE SOLE (/SOLEA SOLEA/) EN ELEVAGE. [EFFECT OF PHOTOPERIOD ON GROWTH AND SURVIVAL DURING REARING OF LARVAE AND JUVENILES OF SOLE (/SOLEA SOLEA/).] *Aquaculture* 15(1):63-74. Sept. 1978. In French with English summ. SFA 24(1)

71-000584 Fujita, S. [THE PRESENT STATUS AND PROBLEMS OF MARINE FISH BREEDING TECHNIQUES IN JAPAN.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:327-338. 1976[1977]. In Japanese with English summ. SFA 24(4)

71-000585 Fujiya, M. YELLOWTAIL (/SERIOLA QUINQUERADIATA/) FARMING IN JAPAN. *J. Fish. Res. Board Can.* 33(4,2):911-915. Apr. 1976. In English with French summ. SFA 21(2).

71-000586 Garza, G.; Bailey, W. H. and Lasswell, J. L. REARING OF BLACK DRUM IN FRESH WATER. *Prog. Fish-Cult.* 40 (4): 170. Oct. 1978. SFA 24(2)

71-000587 Harache, Y. and Novotny, A. J. COHO SALMON FARMING IN FRANCE. *Mar. Fish. Rev.* 38(8):1-8. Aug. 1976. In English with French summ. SFA 21(3).

71-000588 Hassler, W. W. and Hogarth, W. T. THE GROWTH AND CULTURE OF DOLPHIN, /CORYPHAENA HIPPURUS/, IN NORTH CAROLINA. *Aquaculture* 12(2):115-122. Oct. 1977. SFA 23(1)

71-000589 Hassler, W. W. and Rainville, R. P. TECHNIQUES FOR HATCHING AND REARING COBIA, /RACHYCENTRON CANADUM/, THROUGH LARVAL AND JUVENILE STAGES. *Univ. N.C. Sea Grant Prog. Publ.* UNC-SG-75-30. 26p. Dec. 1975. SFA 24(1)

71-000590 Hassler, W. W. and Rainville, R. P. TECHNIQUES FOR HATCHING AND REARING DOLPHIN, /CORYPHAENA HIPPURUS/, THROUGH LARVAE AND JUVENILE STAGES. *Univ. N.C. Sea Grant Prog. Publ.* UNC-SG-75-31. 17p. Dec. 1975. SFA 24(1)

71-000591 Heard, W. R. and Salter, F. H. SIMPLE VENTURI DEVICE FOR MIXING FRESHWATER AND SEAWATER IN AN ESTUARINE CULTURE SYSTEM. *Prog. Fish-Cult.* 40(3):101-103. July 1978. SFA 24(1)

71-000592 Higuchi, M. [MARICULTURE IN WARM SEAS: PRESENT STATUS OF MARICULTURE IN THE SETO INLAND SEA.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:157-171. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-000593 Hirose, K.; Machida, Y. and Donaldson, E. M. INDUCED OVULATION OF JAPANESE FLOUNDER (/LIMANDA YOKOHAMAE/) WITH HUMAN CHORIONIC GONADOTROPIN AND SALMON GONADOTROPIN, WITH SPECIAL REFERENCE TO CHANGES IN QUALITY OF EGGS RETAINED IN THE OVARIAN CAVITY AFTER OVULATION. *Bull. Jpn. Soc. Sci. Fish.* 45(1):31-36. Jan. 1979. SFA 24(3)

71-000594 Hoff, F. H.; Mountain, J.; Frakes, T. and Halcott, K. SPAWNING, OOCYTE DEVELOPMENT AND LARVAE REARING OF THE FLORIDA POMPANO (/TRACHINOTUS CAROLINUS/). *Proc. Annu. Meeting World Maricult. Soc.* 9:279-297. 1978. SFA 24(3)

71-000595 Hoff, F. H.; Pulver, T. and Mountain, J. CONDITIONING FLORIDA POMPANO (/TRACHINOTUS CAROLINUS/) FOR CONTINUOUS SPAWNING. *Proc. Annu. Meeting World Maricult. Soc.* 9:299-309. 1978. SFA 24(3)

71-000596 Holt, R. S. and Strawn, K. THE CULTURE OF BLACK DRUM (/POGONIAS CROMIS/) IN CAGES RECEIVING EFFLUENT FROM A POWER PLANT. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:109-127. 1976. SFA 22(4)

71-000597 Huguenin, J. E. and Ansuini, F. J. A REVIEW OF THE TECHNOLOGY AND ECONOMICS OF MARINE FISH CAGE SYSTEMS. *Aquaculture* 15(2):151-170. Oct. 1978. SFA 24(1)

71-000598 Hunter, J. R. CULTURE AND GROWTH OF NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, LARVAE. *NOAA Fish. Bull.* 74(1):81-88. Jan. 1976. SFA 21(1).

71-000599 Hussain, N. A. and M. Higuchi. LARVAL REARING AND DEVELOPMENT OF THE BROWN SPOTTED GROUPER, *EPINEPHELUS TAUVINA* (FORSKÅL). *Aquaculture* 19(4):339-350. Apr. 1980. SFA 25(3)

71-000600 Inoue, M. [ECOLOGICAL STUDY ON TUNAS IN THE PACIFIC OCEAN AND THEIR ARTIFICIAL PROPAGATION.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 2:29-38. 1973[1977]. In Japanese with English summ. SFA 24(4)

71-000601 Inoue, M. [RECENT TRENDS IN ARTIFICIAL PROPAGATION OF TUNAS.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:57-66. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-000602 Inoue, M. [RECENT STUDIES ON PROPAGATION AND CULTURE OF SKIPJACKS AND TUNAS.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:21-34. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-000603 Inoue, M. [RECENT TRENDS IN ARTIFICIAL PROPAGATION OF TUNAS.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 57-66. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-000604 Inoue, M.; Yatomi, H.; Miyashita, A.; Shouji, A.; Ishiwata, K. and Tanaka, O. [STUDIES ON DOMESTICATION AND EXTENSIVE BREEDING OF SKIPJACK, TUNAS AND OTHER FISHES--I. BEHAVIOR OF THE SCOMBRIDAE AND THE CARANGIDAE BRED TOGETHER IN FISH PRESERVE (ARTIFICIAL FLOATING FISH REEF) AND EXPERIMENTAL EXTENSIVE BREEDING.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 209-221. 1979. In Japanese with English summ. SFA 24(4)

71-000605 Iwashita, M. FUTURE OF THE PACIFIC OCEAN: FLOATING HATCHERY CONCEPT. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:7-12. 1976[1977]. SFA 24(4)

71-000606 Iwashita, M. PRESENT STATUS AND FUTURE PROSPECTS OF THE FISHERIES INDUSTRY OF JAPAN. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:5-9. 1975[1977]. SFA 24(4)

71-000607 Kangur, M. [MAIN TRENDS IN THE DEVELOPMENT OF AQUACULTURE IN THE COASTAL WATERS OF THE BALTIC SEA.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:79-83. 1975[1977]. In Russian. SFA 24(4)

71-000608 Kirakake, T. and Takagi, N. [COASTAL CIVIL ENGINEERING WORK FOR CONSTRUCTION OF FISHING GROUNDS.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:7-19. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-000609 Kirk, R. G. MARINE FISH AND SHELLFISH CULTURE IN THE MEMBER STATES OF THE EUROPEAN ECONOMIC COMMUNITY. *Aquaculture* 16(2):95-122. Feb. 1979. SFA 24(3)

71-000610 Kock, K.-H. UEBER DIE HALTUNG VON DORSCHEN (/GADUS MORHUA/ L.) IN NETZKAEFIGEN. [KEEPING OF COD (/GADUS MORHUA/ L.) IN NET CAGES.] *Arch. Fischereiwiss.* 26(1):35-48. Aug. 1975. SFA 21(4)

71-000611 Kosaka, M. [ECOLOGY OF FLATFISHES IN THE COASTAL WATERS OF JAPAN AND THEIR PROPAGATION.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:19-28. 1975[1977]. In Japanese with English summ. SFA 24(4)

71-000612 Kumai, H. and Nakamura, M. SPAWNING OF THE SILVER WHITING /SILLAGO SIHAMA/ (FORSSKAL) CULTIVATED IN THE LABORATORY. *Bull. Jpn. Soc. Sci. Fish.* 44(9):1055. Sept. 1978. SFA 24(1)

71-000613 Lal, K.; Lasker, R. and Kuljis, A. ACCLIMATION AND REARING OF STRIPED BASS LARVAE IN SEA WATER. *Calif. Fish Game* 63 (4): 210-218. Oct. 1977. SFA 23(2)

71-000614 Landless, P. J. and Edwards, A. SOME SIMPLE METHODS FOR SURVEYING A MARINE FARM SITE. *Fish Farming Int.* 4(1):32-34. Mar. 1977. SFA 23(4)

71-000615 Lasswell, J. L.; Lyons, B. W. and Bailey, W. H. HORMONE-INDUCED SPAWNING OF SOUTHERN FLOUNDER. *Prog. Fish-Cult.* 40(4):154. Oct. 1978. SFA 24(2)

71-000616 Leong, R. MATURATION AND INDUCED SPAWNING OF CAPTIVE PACIFIC MACKEREL, /SCOMBER JAPONICUS/. *NOAA Fish. Bull.* 75(1):205-211. Jan. 1977. SFA 22(3)

71-000617 Martosudarmo, B.; Ranoemihardjo, B. S. and Sabaruddin, S. NET ENCLOSURES AND FISH PENS FOR REARING OF MILKFISH FOR SPAWNERS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 2(1-2):99-106. Jan.-July 1976. SFA 24(4)

71-000618 McGlew, P. A. and Brown, D. E. LEGAL AND INSTITUTIONAL FACTORS AFFECTING MARICULTURE IN TEXAS. *Coast. Zone Manage. J.* 6(1):69-88. 1979. SFA 25(1)

71-000619 Misitano, D. A. TECHNIQUE FOR INCUBATING AND HATCHING EGGS OF SURF SMELT FOR BIOASSAY. *Prog. Fish-Cult.* 39(4):187. Oct. 1977. SFA 23(1)

71-000620 Moiseev, P. A. LIVING RESOURCES OF THE WORLD OCEAN: PROSPECTS OF UTILIZATION AND AUGMENTATION. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:13-18. 1976[1977]. SFA 24(4)

71-000621 Nair, R. V.; Bensam, P. and Marichamy, R. POSSIBILITIES OF MARINE FISH CULTURE IN THE SALT-PAN AREAS AT TUTICORIN. *Indian J. Fish.* 21(1):120-126. 1974. SFA 23(2)

71-000622 Nash, C. E. OCEAN RANCHING, THE ACHIEVEMENTS, THE PROBLEMS AND THE POSSIBILITIES. *Fish Farming Int.* 4(3):42-45, 48. Sept. 1977. SFA 23(4)

71-000623 Oceanic Institute. THE GREY MULLET (/MUGIL CEPHALUS/ L.): INDUCED BREEDING AND LARVAL REARING RESEARCH. 1972-73 VOLUME II. *Ocean. Inst. Rep.* No. OI-73-128. v + 104p. 1 Sept. 1973. SFA 24(1)

71-000624 Otte, G. and Rosenthal, H. MANAGEMENT OF A CLOSED BRACKISH WATER SYSTEM FOR HIGH-DENSITY FISH CULTURE BY BIOLOGICAL AND CHEMICAL WATER TREATMENT. *Aquaculture* 18(2):169-181. Oct. 1979. SFA 25(1)

71-000625 Padlan, P. G.; Ranoemihardjo, B. S. and Hamami, E. IMPROVED METHODS OF MILKFISH CULTURE. I. INCREASING PRODUCTION IN SHALLOW, UNDRAINABLE BRACKISH-WATER PONDS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 1(1):33-39. Jan. 1975. SFA 24(2)

71-000626 Parker, N. C. CULTURE OF SELECTED ESTUARINE ORGANISMS AND MONITORING OF WATER QUALITY IN FLOW-THROUGH TANKS RECEIVING POWER-PLANT EFFLUENT. *Ph.D. dissertation, Tex. A&M Univ.* 404p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3516. Feb. 1978. SFA 23(3)

71-000627 Parker, N. C.; Strawn, K. and Kaenler, T. HYDROLOGICAL PARAMETERS AND GAS BUBBLE DISEASE IN A MARICULTURE POND AND FLOW-THROUGH AQUARIA RECEIVING HEATED EFFLUENT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:179-191. 1976[1978]. SFA 24(1)

71-000628 Pease, B. C. THE EFFECT OF ORGANIC ENRICHMENT FROM A SALMON MARICULTURE FACILITY ON THE WATER QUALITY AND BENTHIC COMMUNITY OF HENDERSON INLET, WASHINGTON. *Ph.D. dissertation, Univ. Wash.* 157p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1036. Sept. 1977. SFA 23(3)

71-000629 Perry, W. G. BRACKISH WATER POND CULTURE EXPERIMENTS WITH ATLANTIC CROAKER, STRIPED MULLET, CHANNEL CATFISH, AND RAINBOW TROUT. *Proc. World Maricult. Soc.* 6:309-319. 1975. SFA 24(3)

71-000630 Pitt, R.; Tsur, O. and Gordin, H. CAGE CULTURE OF /SPARUS AURATA/. *Aquaculture* 11(4):285-296. Aug. 1977. SFA 23(1)

71-000631 Popper, D.; Pitt, R. and Zohar, Y. EXPERIMENTS ON THE PROPAGATION OF RED SEA SIGANIDS AND SOME NOTES ON THEIR REPRODUCTION IN NATURE. *Aquaculture* 16(2):177-181. Feb. 1979. SFA 24(3)

71-000632 Powell, M. R. RESISTANCE OF COPPER-NICKEL EXPANDED METAL TO FOULING AND CORROSION IN MARICULTURE OPERATIONS.*Prog. Fish-Cult.* 38(1):58-59. Jan. 1976. SFA 21(1).

71-000633 Powell, M. R. TWO YEARS OF BRACKISH WATER CULTURE OF STRIPED BASS (/MORONE SAXATILIS/) IN SOUTH ALABAMA. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:93-97. 1976. SFA 22(4)

71-000634 Proskurenko, I. V. [THE PLANNING OF TECHNICAL FACILITIES IN MARICULTURE.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:297-304. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000635 Purdom, C. E. GENETIC TECHNIQUES IN FLATFISH CULTURE. *J. Fish. Res. Board Can.* 33(4,2):1088-1093. Apr. 1976. In English with French summ. SFA 21(2).

71-000636 Rabanal, H. R. MANGROVE AND THEIR UTILIZATION FOR AQUACULTURE. *Philipp. J. Fish.* 14(2):191-203. July-Dec. 1976. SFA 23(3)

71-000637 Ramamurthy, S. and Dhulkhed, M. H. AVAILABILITY OF SEEDS OF /SILLAGO SIHAMA/ FOR FARMING ALONG SOUTH KANARA COAST. *Indian J. Fish.* 22 (1,2): 283-284. 1975. SFA 23(3)

71-000638 Ranoemihardjo, B. S. and A. M. Pirzan. EFFECT OF STOCKING DENSITY ON THE RATE OF GROWTH OF MILKFISH FRY *(CHANOS CHANOS)*. *Bull. Brackishwater Aquacult. Dev. Cent. (Jepara)* 3(1-2):247-257. Jan.-July 1977. SFA 25(2)

71-000639 Ranoemihardjo, B. S.; Poernomo, A. and Alikunhi, K. H. OBSERVATIONS ON MILKFISH CULTURE IN DEEP WATER, ENCOURAGING PLANKTON GROWTH. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 1(1):12-18. Jan. 1975. SFA 24(2)

71-000640 Roberts, D. E., Jr.; Morey, L. A. III; Henderson, G. E. and Halscott, K. R. THE EFFECTS OF DELAYED FEEDING, STOCKING DENSITY, AND FOOD DENSITY ON SURVIVAL, GROWTH, AND PRODUCTION OF LARVAL RED DRUM (/SCIAENOPS OCELLATA/). *Proc. Annu. Meeting World Maricult. Soc.* 9:333-343. 1978. SFA 24(3)

71-000641 Roberts, D. E., Jr.; Harpster, B. V. and Henderson, G. E. CONDITIONING AND INDUCED SPAWNING OF THE RED DRUM (/SCIAENOPS OCELLATA/) UNDER VARIED CONDITIONS OF PHOTOPERIOD AND TEMPERATURE. *Proc. Annu. Meeting World Maricult. Soc.* 9:311-332. 1978. SFA 24(3)

71-000642 Roberts, D. E., Jr.; Harpster, B. V.; Havens, W. K. and Halscott, K. R. FACILITIES AND METHODOLOGY FOR THE CULTURE OF THE SOUTHERN SEA BASS (/CENTROPRISTIS MELANA/). *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:163-198. 1976. SFA 22(4)

71-000643 Romanycheva, O. [COMMERCIAL REARING OF STURGEONS AND SALMON FISHES IN MARINE CAGES.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:71-77. 1975[1977]. In Russian. SFA 24(4)

71-000644 Romanycheva, O. D. [THE MODERN CONDITION OF THE DEVELOPMENT OF THE MARINE STURGEON CULTURING FOR COMMERCIAL PURPOSES AND ITS PERSPECTIVES.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:353-365. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000645 Rosario, W. M. OBSERVATION ON THE RATE OF GROWTH OF SIGANID FRY "PADAS" CONFINED IN CONCRETE TANKS. *Philipp. J. Fish.* 12(1-2):55-63. 1974. SFA 22(1)

71-000646 Rothbard, S. SECONDARY NURSING OF THE RED SEA BREAM, /CHRYSOPHRYS MAJOR/ (TEMMINCK & SCHLEGEL), IN AN EARTH POND. *Aquaculture* 15(1):53-62. Sept. 1978. SFA 24(1)

71-000647 Sato, S. [SYSTEM ENGINEERING OF GOVERNMENT-SPONSORED "OCEAN RANCH" IN THE INTERNATIONAL OCEAN EXPOSITION, OKINAWA, 1975.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:195-203. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-000648 Scholes, P. THE SEA-WATER WELL SYSTEM AT THE FISHERIES LABORATORY, LOWESTOFT AND THE METHODS IN USE FOR KEEPING MARINE FISH. *J. Mar. Biol. Assoc. UK* 60(1):215-225. Feb. 1980. SFA 25(2)

71-000649 Shackley, S. E. and King, P. E. A STERILE SEA WATER CIRCULATING SYSTEM FOR THE JAR CULTURE OF DEVELOPING FISH EGGS. *J. Fish Biol.* 12(3):235-237. Mar. 1978. SFA 23(3)

71-000650 Shafland, P. L. SELF-CONTAINDED UPWELLING SYSTEM FOR REARING LARVAL FISHES IN THE LABORATORY. *Prog. Fish-Cult.* 41(1):10-13. Jan. 1979. SFA 24(2)

71-000651 Smigielski, A. S. INDUCED SPAWNING AND LARVAL REARING OF THE YELLOWTAIL FLOUNDER, /LIMANDA FERRUGINEA/. *NOAA Fish. Bull.* 76(4):931-936. 1979. SFA 24(2)

71-000652 Smith, T. I. J.; E. K. Dingley and D. E. Marchette. INDUCED SPAWNING AND CULTURE OF ATLANTIC STURGEON. *Prog. Fish-Cult.* 42(3):147-151. July 1980. SFA 25(4)

71-000653 Soin, S. G. THE SIGNIFICANCE OF RESEARCH ON EGG AND LARVAL DEVELOPMENT OF MARINE FISHES IN RELATION TO INTENSIFICATION OF MARICULTURE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(2):245-252. 1977. SFA 23(3)

71-000654 Struhsaker, J. W.; Baldwin, W. J. and Murphy, G. I. ENVIRONMENTAL FACTORS AFFECTING STRESS AND *Univ. Hawaii Sea Grant Tech. Rep.* UNIHI-SEAGRANT-TR-75-02. viii + 124p. Feb. 1975. SFA 23(3)

71-000655 Takanashi, A. [SOME PLANS OF SYSTEM STUDY ON MARICULTURE BY APPLICATION OF ELECTRONIC ENGINEERING.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:113-125. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-000656 Tamura, T. SOME PROBLEMS IN MARICULTURE ON THE NORTHERN COASTS OF JAPAN. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:19-36. 1976[1977]. SFA 24(4)

71-000657 Tanaka, J. UTILIZATION OF HEATED DISCHARGE WATER FROM ELECTRIC POWER PLANTS IN AQUACULTURE. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:53-69. 1975[1977]. In English and Japanese. SFA 24(4)

71-000658 Tatum, W. M. and Trimble, W. C. MONOCULTURE AND POLYCULTURE POND STUDIES WITH POMPANO (/TRACHINOTUS CAROLINUS/) AND PENAEID SHRIMP (/PENAEUS AZTECUS/, /P. DUORARUM/, AND /P. SETIFERUS/) IN ALABAMA, 1975-1977. *Proc. Annu. Meeting World Maricult. Soc.* 9:433-446. 1978. SFA 24(3)

71-000659 Tatum, W. M.; W. C. Trimble and R. F. Helton, Jr. PRODUCTION OF GULF KILLIFISH IN BRACKISH-WATER PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:502-508. 1978[1979]. SFA 25(2)

71-000660 Teng, S.-K. and Chua, T.-E. USE OF ARTIFICIAL HIDES TO INCREASE THE STOCKING DENSITY AND PRODUCTION OF ESTUARY GROUPER, /EPINEPHELUS SALMOIDES/ MAXWELL, REARED IN FLOATING NET CAGES. *Aquaculture* 16(3):219-232. Mar. 1979. SFA 24(3)

71-000661 Teng, S.-K. and Chua, T.-E. EFFECT OF STOCKING DENSITY ON THE GROWTH OF ESTUARY GROUPER, /EPINEPHELUS SALMOIDES/ MAXWELL, CULTURED IN FLOATING NET-CAGES. *Aquaculture* 15(3):273-287. Nov. 1978. SFA 24(2)

71-000662 Tormosova, I. D. EXPERIMENTS ON THE INCUBATION OF EGGS OF THE NORTH SEA HADDOCK, /MELANOGRAMMUS AEGLEFINUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):160-163. 1977. SFA 23(3)

71-000663 Tseng, W. Y. PRIMARY STUDY ON THE INDUCED BREEDING OF BLACK PORGY, /MYLIO MACROCEPHALUS/ (BASILEWSKY) IN HONG KONG. *Am. Zool.* 18(3):606. 1978. Abstract only. SFA 24(2)

71-000664 Valenti, R. J.; Aldred, J. and Liebell, J. EXPERIMENTAL MARINE CAGE CULTURE OF STRIPED BASS IN NORTHERN WATERS. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:99-108. 1976. SFA 22(4)

71-000665 Villani, P. BREVE NOTA SULLA RIPRODUZIONE ARTIFICIALE DELLA SOGLIOLA ADRIATICA, /SOLEA (PEGUSA) IMPAR/ BENN. (TELEOSTEA SOLEIDAE). [SHORT NOTE ON THE ARTIFICIAL REPRODUCTION OF THE ADRIATIC SOLE, /SOLEA (PEGUSA) IMPAR/ BENN. (TELEOSTEA, SOLEIDAE).] *Riv. It. Piscic. Ittiop.* 12(1):15-20. Jan.-Feb.-Mar. 1977. In Italian with English summ. SFA 22(3)

71-000666 Williams, S. F. REARING CONDITIONS AND THEIR EFFECTS ON GROWTH, FOOD CONVERSION, AND SURVIVAL OF ENGLISH SOLE (/PAROPHRYS VETULUS/ GIRARD). *Ph.D. dissertation, Oreg. State Univ.* 102p. 1975. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-000667 Yatomi, H.; Inoue, M.; Miyashita, A.; Machida, H. and Shimada, H. [STUDIES ON DOMESTICATION AND EXTENSIVE BREEDING OF SKIPJACK, TUNAS AND OTHER FISHES--II. ON THE GATHERING AND SCATTERING BEHAVIOUR OF FISHES OBSERVED IN SUMMER AT THE ARTIFICIAL FLOATING FISH REEF AT MERA BAY.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 223-234. 1979. In Japanese with English summ. SFA 24(4)

71-000668 Zaitsev, V. SOVIET SEA FARM SYNOPSIS. *Oceans* 12(2):20. Mar.-Apr. 1979. SFA 24(3)

FEEDS, FEEDING, AND NUTRITION

71-000669 Abel, H.; A. Pieper and E. Pfeffer. UNTERSUCHUNGEN AN WACHSENDEN REGENBOGENFORELLEN (SALMO GAIRDNERI, R.) ÜBER DIE INTERMEDIÄRE ANPASSUNG AN PROTEIN ODER KOHLENHYDRATE ALS ENERGIETRÄGER IM FUTTER. [STUDIES ABOUT METABOLIC ADAPTATIONS OF RAINBOW TROUT (SALMO GAIRDNERI, R.) TO PROTEIN OR CARBOHYDRATES AS SOURCES OF DIETARY ENERGY. *J. Anim. Physiol. Anim. Nutr.* 41(6):325-334. May 1979. In German with English summ. SFA 25(2)

71-000670 Ablett, R. F. and R. H. Richards. SUITABILITY OF TWENTY-FOUR-HOUR AND FORTY-EIGHT-HOUR UNFED *ARTEMIA* AS AN EARLY FOODSTUFF FOR '0' GROUP DOVER SOLE (*SOLEA SOLEA* L.) PRODUCTION. *Aquaculture* 19(4):371-377. Apr. 1980. SFA 25(3)

71-000671 Adron, J. W. and Mackie, A. M. STUDIES ON THE CHEMICAL NATURE OF FEEDING STIMULANTS FOR RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 12(4):303-310. Apr. 1978. SFA 23(3)

71-000672 Anderson, R. J. PROTEIN REQUIREMENTS OF SMALLMOUTH BASS AND LARGEMOUTH BASS. *Ph.D. dissertation, Colo. State Univ.* 136p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2032. Nov. 1978. SFA 24(1)

71-000673 Andrews, J. W. SOME EFFECTS OF FEEDING RATE ON GROWTH, FEED CONVERSION AND NUTRIENT ABSORPTION OF CHANNEL CATFISH. *Aquaculture* 16(3):243-246. Mar. 1979. SFA 24(3)

71-000674 Appelbaum, S. and Dor, U. TEN DAY EXPERIMENTAL NURSING OF CARP (/CYPRINUS CARPIO/ L.) LARVAE WITH DRY FEED. *Bamidgeh* 30(3):85-88. Sept. 1978. SFA 24(2)

71-000675 Appelbaum, S. GEEIGNETER ERSATZ FUER LEBENDNAHRUNG VON KARPFENBRUT? [A POSSIBLE SUBSTITUTE FOR LIVE FOOD OF CARP FRY?] *Arch. Fischereiwiss.* 28(1):31-43. July 1977. In German with English summ. SFA 23(1)

71-000676 Atack, T. H.; K. Jauncey and A. J. Matty. THE UTILIZATION OF SOME SINGLE CELL PROTEINS BY FINGERLING MIRROR CARP (*CYPRINUS CARPIO*). *Aquaculture* 18(4):337-348. Dec. 1979. SFA 25(2)

71-000677 Atherton, W. D. THE EFFECT OF DIFFERENT LEVELS OF DIETARY FAT ON THE GROWTH OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *J. Fish Biol.* 7(5):565-571. Sept. 1975. SFA 22(2)

71-000678 Austreng, E. and Refstie, T. EFFECT OF VARYING DIETARY PROTEIN LEVEL IN DIFFERENT FAMILIES OF RAINBOW TROUT. *Aquaculture* 18(2):145-156. Oct. 1979. SFA 25(1)

71-000679 Austreng, E. FAT-CONTAINING BLEACHING EARTH AS A FEED CONSTITUENT FOR RAINBOW TROUT. *Aquaculture* 15(4):333-343. Dec. 1978. SFA 24(2)

71-000680 Austreng, E.; Risa, S.; Edwards, D. J. and Hvidsten, H. CARBOHYDRATE IN RAINBOW TROUT DIETS. II. INFLUENCE OF CARBOHYDRATE LEVELS ON CHEMICAL COMPOSITION AND FEED UTILIZATION OF FISH FROM DIFFERENT FAMILIES. *Aquaculture* 11(1):39-50. May 1977. SFA 22(4)

71-000681 Barnett, B. J.; Cho, C. Y. and Slinger, S. J. THE ESSENTIALITY OF CHOLECALCIFEROL IN THE DIETS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 63(2):291-297. 1979. SFA 24(4)

71-000682 Barwick, D. H. EFFECT OF TWO FEEDING RATES ON PRODUCTION OF ADVANCED FINGERLING STRIPED BASS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:194-199. 1975. SFA 21(3).

71-000683 Beck, A. D. and H. A. Poston. EFFECTS OF DIET ON SURVIVAL AND GROWTH OF THE ATLANTIC SILVERSIDE. *Prog. Fish-Cult.* 42(3):138-143. July 1980. SFA 25(4)

71-000684 Beck, H.; Koops, H.; Tiews, K. and Gropp, J. WEITERE MOEGLICHKEITEN DES FISCHMEHL-ERSATZES IM FUTTER FUER ROGENBOGENFORELLEN: ERSATZ VON FISCHMEHL DURCH ALKANHEFE UND KRILLMEHL. [FURTHER POSSIBILITIES TO REPLACE FISH MEAL IN RAINBOW-TROUT FEEDS: REPLACEMENT OF FISH MEAL BY ALKANE YEAST AND KRILLMEAL.] *Arch. Fischereiwiss.* 28(1):1-17. July 1977. In German with English summ. SFA 23(1)

71-000685 Bengtson, D. A.; Beck, A. D. and Poston, H. A. COMPARATIVE EFFECTS OF LIVE AND ARTIFICIAL DIETS ON GROWTH AND SURVIVAL OF JUVENILE ATLANTIC SILVERSIDE, /MENIDIA MENIDIA/. *Proc. Annu. Meeting World Maricult. Soc.* 9:159-173. 1978. SFA 24(3)

71-000686 Bergot, F. CARBOHYDRATE IN RAINBOW TROUT DIETS: EFFECTS OF THE LEVEL AND SOURCE OF CARBOHYDRATE AND THE NUMBER OF MEALS ON GROWTH AND BODY COMPOSITION. *Aquaculture* 18(2):157-167. Oct. 1979. SFA 25(1)

71-000687 Bergot, F. EFFECTS OF DIETARY CARBOHYDRATES AND OF THEIR MODE OF DISTRIBUTION ON GLYCAEMIA IN RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Comp. Biochem. Physiol. A Comp. Physiol.* 64(4):543-547. 1979. SFA 25(1)

71-000688 Beyerle, G. B. HATCHERY-REARED FINGERLING WALLEYES UNHARMED BY DIET CHANGE FROM PELLETS TO SPINY-RAYED PREY FISH. *Prog. Fish-Cult.* 40(3):93. July 1978. SFA 24(1)

71-000689 Bhanot, K. K. and Gopalakrishnan, V. PRIORITIES IN NUTRITIONAL RESEARCH FOR FORMULATING ARTIFICIAL FEEDS FOR FISHES. *J. Inland Fish. Soc. India* 5:162-170. Dec. 1973. SFA 24(3)

71-000690 Bhattacharyya, M.; Harris, L.; Windell, J. T. and Buddington, R. K. PROXIMATE ANALYSIS AND THE COEFFICIENT OF DIGESTIBILITY OF FISH FOOD INGREDIENTS. *J. Colo.-Wyo. Acad. Sci.* 11(1):10. Apr. 1979. Abstract only. SFA 24(3)

71-000691 Biette, R. M. and G. H. Geen. THE FATE OF ^{14}C LABELED FOOD INGESTED BY UNDERYEARLING SOCKEYE SALMON, *ONCORHYNCHUS NERKA*, IN RELATION TO TEMPERATURE AND RATION. *Can. J. Fish. Aquatic Sci.* 37(7):1184-1192. July 1980. SFA 25(4)

71-000692 Biette, R. M. THE EFFECT OF TEMPERATURE AND RATION ON GROWTH RATES, FOOD CONVERSION EFFICIENCIES AND THE FATE OF CARBON-14 LABELLED FOOD BY UNDER-YEARLING SOCKEYE SALMON, *ONCORHYNCHUS NERKA*. *Ph.D. dissertation, Simon Fraser Univ. (Canada)* 1978. From Diss. Abstr. Int. B Sci. Eng. 40(9):4078. Mar. 1980. SFA 25(2)

71-000693 Bischoff, U. and Windell, J. T. EFFECTS OF TEMPERATURE ON DIGESTIVE EFFICIENCY AND SATIATION OF /SALMO GAIRDNERI/. *J. Colo.-Wyo. Acad. Sci.* 11(1):13. Apr. 1979. Abstract only. SFA 24(3)

71-000694 Boonyaratpalin, M. and Lovell, R. T. DIET PREPARATION FOR AQUARIUM FISHES. *Aquaculture* 12(1):53-62. Sept. 1977. SFA 23(1)

71-000695 Bowen, S. H. NON-PROTEIN DETRITAL AMINO ACIDS ARE THE KEY TO RAPID GROWTH OF TILAPIA (PISCES, CICHLIDAE) IN LAKE VALENCIA, VENEZUELA. *Bull. Ecol. Soc. Am.* 61(2):151-152. June 1980. Abstract only. SFA 25(4)

71-000696 Brandenburg, A. M.; Ray, M. S. and Lewis, W. M. USE OF CARP EGGS AS A FEED FOR FINGERLING LARGEMOUTH BASS. *Prog. Fish-Cult.* 41(2):97-98. Apr. 1979. SFA 24(3)

71-000697 Briggs, P. T. EFFECT OF FEEDING CANNED KERNEL CORN ON THE CONDITION OF WINTER FLOUNDER. *N.Y. Fish Game J.* 24(1):86-90. Jan. 1977. SFA 22(2)

71-000698 Bromley, P. J. EFFECT OF DIETARY PROTEIN, LIPID AND ENERGY CONTENT ON THE GROWTH OF TURBOT (*SCOPHTHALMUS MAXIMUS* L.). *Aquaculture* 19(4):359-369. Apr. 1980. SFA 25(3)

71-000699 Bromley, P. J. THE EFFECT OF DIETARY WATER CONTENT AND FEEDING RATE ON THE GROWTH AND FOOD CONVERSION EFFICIENCY OF TURBOT (*SCOPHTHALMUS MAXIMUS* L.). *Aquaculture* 20(2):91-99. June 1980. SFA 25(3)

71-000700 Bromley, P. J. METHODS OF WEANING JUVENILE HATCHERY REARED SOLE (/SOLEA SOLEA/ (L.)) FROM LIVE FOOD TO PREPARED DIETS. *Aquaculture* 12(4):337-347. Dec. 1977. SFA 23(2)

71-000701 Bromley, P. J. THE WEANING OF HATCHERY REARED TURBOT LARVAE (/SCOPHTHALMUS MAXIMUS/ L.) ON A DRY DIET. *Aquaculture* 13(4):339-345. Apr. 1978. SFA 23(4)

71-000702 Buddington, R. K. DIGESTIBILITY REFERENCES PRESENT IN NATURAL FOODS OF FISH. *J. Colo.-Wyo. Acad. Sci.* 11(1):11. Apr. 1979. Abstract only. SFA 24(3)

71-000703 Castel, J. D. and K. Tiews. REPORT OF THE EIFAC, IUNS AND ICES WORKING GROUP ON STANDARDIZATION OF METHODOLOGY IN FISH NUTRITION RESEARCH. *EIFAC (Eur. Inland Fish. Advis. Comm.) Tech. Pap.* No. 36. v + 24p. 1980. SFA 25(4)

71-000704 Chakrabarty, R. D.; Sen, P. R.; Chatterjee, D. K. and Kowtal, G. V. OBSERVATIONS ON THE RELATIVE USEFULNESS OF DIFFERENT FEED FOR CARP SPAWN AND FRY. *J. Inland Fish. Soc. India* 5:182-188. Dec. 1973. SFA 24(3)

71-000705 Chakrabarty, R. D. and Kar, S. L. PRELIMINARY OBSERVATIONS ON THE UTILITY OF PETROLEUM PROTEIN AS FEED FOR CARP SPAWN AND FRY. *J. Inland Fish. Soc. India* 7:116-119. Dec. 1975. SFA 24(3)

71-000706 Chervinski, J. and Lahav, M. FRESH WATER FEED OF YOUNG EUROPEAN SEA BASS (/DICENTRARCHUS LABRAS/ L.). *Bamidgeh* 31(2):44-48. June 1979. SFA 25(1)

71-000707 Choubert, G., Jr. and Luquet, P. INFLUENCE DE L'AGGLOMERATION ET DU STOCKAGE DES ALIMENTS COMPOSES SUR LEUR TENEUR EN CANTHAXANTHINE: CONSEQUENCES SUR LA DIGESTIBILITE ET LA FIXATION DE CE PIGMENT CHEZ LA TRUITE ARC-EN-CIEL. [CANTHAXANTHIN CONTENT OF FEED CONCENTRATES AS AFFECTED BY PELLETING AND STORAGE PROCESSES: CONSEQUENCES ON DIGESTIBILITY AND PIGMENTATION OF THE RAINBOW TROUT.] *Ann. Zootech.* 28(2):145-157. 1979. In French with English summ. SFA 25(1)

71-000708 Choubert, G., Jr.; de la Noue, J. and Luquet, P. CONTINUOUS QUANTITATIVE AUTOMATIC COLLECTOR FOR FISH FECES. *Prog. Fish-Cult.* 41 (2): 64-67. Apr. 1979. SFA 24(3)

71-000709 Choubert, G., Jr. and Luquet, P. NATURE DES CAROTENOIDES FIXES AU NIVEAU DE LA PEAU ET DU MUSCLE DE LA TRUITE ARE-EN-CIEL AYANT INGERE DE L'HUILE ROUGE DE CAPELAN. [FEEDING TEST OF CAPELIN OIL (/MALLOTUS VILLOSUS/ M.) ON RAINBOW TROUT: AMOUNT AND QUALITIES OF CAROTENOID CONTENTS IN THE MUSCLE AND SKIN.] *Ann. Hydrobiol.* 6(2):123-130. 1975. In French with English summ. SFA 21(1).

71-000710 Chuapoehuk, W. NUTRITIONAL CONTRIBUTION OF NATURAL POND ORGANISMS TO CHANNEL CATFISH GROWTH IN INTENSIVELY-FED PONDS. *Ph.D. dissertation, Auburn Univ.* 66p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3482. Feb. 1978. SFA 23(3)

71-000711 Cowey, C. B. USE OF SYNTHETIC DIETS AND BIOCHEMICAL CRITERIA IN THE ASSESSMENT OF NUTRIENT REQUIREMENTS OF FISH. *J. Fish. Res. Board Can.* 33(4,2):1040-1045. Apr. 1976. In English with French summ. SFA 21(2).

71-000712 Cowey, C. B.; Adron, J. W.; Hardy, R.; Smith, J. G. M. and Walton, M. J. UTILIZATION BY RAINBOW TROUT OF DIETS CONTAINING PARTIALLY RENDERED HIDE FLESHINGS. *Aquaculture* 16(3):199-209. Mar. 1979. SFA 24(3)

71-000713 Cowey, C. B.; Adron, J. W.; Owen, J. M. and Roberts, R. J. THE EFFECT OF DIFFERENT DIETARY OILS ON TISSUE FATTY ACIDS AND TISSUE PATHOLOGY IN TURBOT /SCOPHTHALMUS MAXIMUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 53(3):399-403. 1976. SFA 22(1)

71-000714 Cruz, E. M. DETERMINATION OF NUTRIENT DIGESTIBITILY IN VARIOUS CLASSES OF NATURAL AND PURIFIED FEED MATERIALS FOR CHANNEL CATFISH. *Ph.D. dissertation, Auburn Univ.* 94p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-000715 Dabrowska, H. and Wojno, T. STUDIES ON THE UTILIZATION BY RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.) OF FEED MIXTURES CONTAINING SOYA BEAN MEAL AND AN ADDITION OF AMINO ACIDS. *Aquaculture* 10(4):297-310. Apr. 1977. SFA 22(4)

71-000716 Dabrowska, H.; Grudniewski, C. and Dabrowski, K. ARTIFICIAL DIETS FOR COMMON CARP: EFFECT OF THE ADDITION OF ENZYME EXTRACTS. *Prog. Fish-Cult.* 47(4):196-200. Oct. 1979. SFA 25(1)

71-000717 Dabrowski, K. and Kozak, B. THE USE OF FISH MEAL AND SOYABEAN MEAL AS A PROTEIN SOURCE IN THE DIET OF GRASS CARP FRY. *Aquaculture* 18(2):107-114. Oct. 1979. SFA 25(1)

71-000718 Dabrowski, K. and Glogowski, J. A STUDY OF THE APPLICATION OF PROTEOLYTIC ENZYMES TO FISH FOOD. *Aquaculture* 12(4):349-360. Dec. 1977. SFA 23(2)

71-000719 Dabrowski, K. PROTEIN REQUIREMENTS OF GRASS CARP FRY (/CTENOPHARYNGODON IDELLA/ VAL.). *Aquaculture* 12(1):63-73. Sept. 1977. SFA 23(1)

71-000720 Dabrowski, K.; Dabrowska, H. and Grudniewski, C. A STUDY OF THE FEEDING OF COMMON CARP LARVAE WITH ARTIFICIAL FOOD. *Aquaculture* 13(3):257-264. Mar. 1978. SFA 23(3)

71-000721 Dahlgren, B. T. THE EFFECTS OF THREE DIFFERENT DIETARY PROTEIN LEVELS ON THE FECUNDITY IN THE GUPPY, *POECILIA RETICULATA* (PETERS). *J. Fish Biol.* 16(1):83-97. Jan. 1980. SFA 25(2)

71-000722 Dahlgren, B. T. THE INFLUENCE OF THREE DIETARY NON-PROTEIN LEVELS ON FECUNDITY AND FERTILITY IN THE GUPPY *POECILIA RETICULATA*. *Oikos* 34(3):337-346. May 1980. In English with Russian summ. SFA 25(4)

71-000723 Davis, A. T. and Stickney, R. R. GROWTH RESPONSES OF /TILAPIA AUREA/ TO DIETARY PROTEIN QUALITY AND QUANTITY. *Trans. Am. Fish. Soc.* 107(3):479-483. May 1978. SFA 23(4)

71-000724 Davis, E. M.; Rumsey, G. L. and Nickum, J. G. EGG-PROCESSING WASTES AS A REPLACEMENT PROTEIN SOURCE IN SALMONID DIETS. *Prog. Fish-Cult.* 38(1):20-22. Jan. 1976. SFA 21(1).

71-000725 de la Higuera, M.; Murillo, A.; Varela, G. and Zamora, S. EFECTO DE LA DIETA SOBRE LA COMPOSICION EN ACIDOS GRASOS DE LA TRUCHA (/SALMO GAIRDNERII/). [DIET EFFECT ON FATTY ACIDS COMPOSITION IN TROUT (/SALMO GAIRDNERII/).] *Rev. esp. Fisiol.* 32:317-322. 1976. In Spanish with English summ. SFA 22(2)

71-000726 de la Higuera, M.; Murillo, A.; Varela, G. and Zamora, S. THE INFLUENCE OF HIGH DIETARY FAT LEVELS ON PROTEIN UTILIZATION BY THE TROUT, (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 56(1):37-41. 1977. SFA 22(1)

71-000727 Dominico, R. D. and Windell, J. T. MINERAL ABSORPTION EFFICIENCY BY RAINBOW TROUT, /SALMO GAIRDNERI/ AND /TILAPIA NILOTICA/. *J. Colo.-Wyo. Acad. Sci.* 11(1):11-12. Apr. 1979. Abstract only. SFA 24(3)

71-000728 Dove, G. R.; Tiemeier, O. W. and Deyoe, C. W. EFFECTS OF THREE DIETS ON GROWTH AND MINERAL RETENTION OF CHANNEL CATFISH FINGERLINGS. *Trans. Am. Fish. Soc.* 105(3):481-485. May 1976. SFA 21(3).

71-000729 Edwards, D. J.; Austreng, E.; Risa, S. and Gjedrem, T. CARBOHYDRATE IN RAINBOW TROUT DIETS. I. GROWTH OF FISH OF DIFFERENT FAMILIES FED DIETS CONTAINING DIFFERENT PROPORTIONS OF CARBOHYDRATE. *Aquaculture* 11(1):31-38. May 1977. SFA 22(4)

71-000730 Elliott, J. M. THE GROWTH RATE OF BROWN TROUT (/SALMO TRUTTA/ L.) FED ON MAXIMUM RATIONS. *J. Anim. Ecol.* 44(3):805-821. Oct. 1975. SFA 22(3)

71-000731 Elliott, J. M. THE GROWTH RATE OF BROWN TROUT (/SALMO TRUTTA/ L.) FED ON REDUCED RATIONS. *J. Anim. Ecol.* 44(3):823-842. Oct. 1975. SFA 22(3)

71-000732 Fagerlund, U. H. M. and McBride, J. R. GROWTH INCREMENTS AND SOME FLESH AND GONAD CHARACTERISTICS OF JUVENILE COHO SALMON RECEIVING DIETS SUPPLEMENTED WITH 17ALPHA-METHYLTESTOSTERONE. *J. Fish Biol.* 7(3):305-314. May 1975. SFA 22(2)

71-000733 Fedorov, K. Ye. and Bogdanova, L. S. THE GROWTH AND DEVELOPMENT OF THE LARVAE OF THE PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, UNDER DIFFERENT TEMPERATURE AND FEEDING REGIMES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):568-576. 1978. SFA 25(1)

71-000734 Felts, S. K. EVALUATION OF SUPPLEMENTAL DIETS FOR GOLDEN SHINERS SHINERS. *Ph.D. dissertation, Auburn Univ.* 68p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):1971. Nov. 1979. SFA 25(2)

71-000735 Flickinger, S. A.; Anderson, R. J. and Puttmann, S. J. INTENSIVE CULTURE OF SMALLMOUTH BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 373-379. 1975. SFA 21(3).

71-000736 Fowler, L. G. and Banks, J. L. ANIMAL AND VEGETABLE SUBSTITUTES FOR FISH MEAL IN THE ABERNATHY DIET, 1973. *Prog. Fish-Cult.* 38(3):123-126. July 1976. SFA 21(4)

71-000737 Fowler, L. G. and Banks, J. L. FISH MEAL AND WHEAT GERM MEAL SUBSTITUTES IN THE ABERNATHY DIET, 1974. *Prog. Fish-Cult.* 38(3):127-130. July 1976. SFA 21(4)

71-000738 Fowler, L. G. STARTING DIETS FOR CHINOOK SALMON FRY. *Prog. Fish-Cult.* 42(3):165-166. July 1980. SFA 25(4)

71-000739 Fowler, L. G. SUBSTITUTION OF SOYBEAN AND COTTONSEED PRODUCTS FOR FISH MEAL IN DIETS FED TO CHINOOK AND COHO SALMON. *Prog. Fish-Cult.* 42(2):87-91. Apr. 1980. SFA 25(3)

71-000740 Freed, P. L. EVALUATION OF THE COEFFICIENT OF DIGESTIBILITY OF HERRING MENHADEN, TUNA, ANCHOVY, AND SOYBEAN MEALS BY RAINBOW TROUT (*SALMO GAIRDNERI*). *J. Colo.-Wyo. Acad. Sci.* 12(1):17. Apr. 1980. Abstract only. SFA 25(2)

71-000741 Fukusho, K.; T. Arakawa and T. Watanabe. [FOOD VALUE OF A COPEPOD, *TIGRIOPUS JAPONICUS*, CULTURED WITH ω-YEAST FOR LARVAE AND JUVENILES OF MUD DAB *LIMANDA YOKOHAMAE*.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):499-503. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-000742 Furuichi, M. and Y. Yone. EFFECT OF DIETARY DEXTRIN LEVELS ON THE GROWTH AND FEED EFFICIENCY, THE CHEMICAL COMPOSITION OF LIVER AND DORSAL MUSCLE, AND THE ABSORPTION OF DIETARY PROTEIN AND DEXTRIN IN FISHES. *Bull. Jpn. Soc. Sci. Fish.* 46(2):225-229. Feb. 1980. SFA 25(3)

71-000743 Garling, D. L., Jr. THE OPTIMUM DIETARY CALORIE TO PROTEIN RATIO FOR CHANNEL CATFISH FINGERLINGS, /ICTALURUS PUNCTATUS/. *Ph. D. dissertation, Miss. State Univ.* 134p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 22(2)

71-000744 Garling, D. L., Jr. and Wilson, R. P. EFFECTS OF DIETARY CARBONHYDRATE-TO-LIPID RATIOS ON GROWTH AND BODY COMPOSITION OF FINCERLING CHANNEL CATFISH. *Prog. Fish-Cult.* 39(1):43-47. Jan. 1977. SFA 22(2)

71-000745 Ghittino, P. CONTROLLO DELLA CONVENIENZA, TOSSICITA E CANCEROGENICITA DI TOPRINA NELLA TROTA IRIDEA RAPPORTO FINALE. [CHECKING ON THE SUITABILITY, TOXICITY AND CANCEROGENICITY OF *TOPRINA* IN RAINBOW TROUT. FINAL REPORT.] *Riv. It. Piscic. Ittiop.* 15(2):36, 39-42, 45. Apr.-May-June 1980. In Italian with English summ. SFA 25(4)

71-000746 Ghittino, P. FORMULATION AND TECHNOLOGY OF MOIST FEED. *Riv. It. Piscic. Ittiop.* 13(4):107-112. Oct.-Nov.-Dec. 1978. In English and Italian. SFA 24(2)

71-000747 Ghittino, P. RICERCHE PRELIMINARI SULL'AGGIUNTA DI PROTEASI (HKL-614) NELLA FORMULAZIONE DI PELLETS PER TROTA. [A PRELIMINARY RESEARCH ON THE ADDITION OF PROTEASE ENZYME (HKL-614) IN TROUT PELLET FORMULATIONS.] *Riv. It. Piscic. Ittiop.* 13(2):37-39. Apr.-May-June 1978. In Italian with English summ. SFA 24(1)

71-000748 Ghittino, P. THE STATUS OF FISH NUTRITION RESEARCH IN ITALY. *Riv. It. Piscic. Ittiop.* 13(3):65. July-Aug.-Sept. 1978. In English and Italian. SFA 24(1)

71-000749 Ghosh, A. N.; Mukhopadhyay, M. K. and Chatterjee, G. K. SUPPLEMENTARY FEEDING AS A TOOL FOR ENHANCED PRODUCTION IN MULLET CULTURE, /MUGIL PARSIA/ (HAM.). *J. Inland Fish. Soc. India* 7:209-211. Dec. 1975. SFA 24(3)

71-000750 Grayton, B. D. and Beamish, F. W. H. EFFECTS OF FEEDING FREQUENCY ON FOOD INTAKE, GROWTH AND BODY COMPOSITION OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Aquaculture* 11(2):159-172. June 1977. SFA 22(4)

71-000751 Greenland, D. C. and Gill, R. L. MULTIPLE DAILY FEEDINGS WITH AUTOMATIC FEEDERS IMPROVE GROWTH AND FEED CONVERSION RATES OF CHANNEL CATFISH. *Prog. Fish-Cult.* 41(3):151-153. July 1979. SFA 25(1)

71-000752 Grove, D. J.; Loizides, L. G. and Nott, J. SATIATION AMOUNT, FREQUENCY OF FEEDING AND GASTRIC EMPTYING RATE IN /SALMO GAIRDNERI/. *J. Fish Biol.* 12 (5): 507-516. May 1978. SFA 23(4)

71-000753 Guerrero, R. D. III. STUDIES ON THE FEEDING OF *TILAPIA NILOTICA* IN FLOATING CAGES. *Aquaculture* 20(3):169-175. July 1980. SFA 25(4)

71-000754 Gulley, D. D. and Windell, J. T. THE BEHAVIOR OF CHROMIC OXIDE IN FISH ASSIMILATION AND DIGESTIBILITY STUDIES. *J. Colo.-Wyo. Acad. Sci.* 11 (1): 12. Apr. 1979. Abstract only. SFA 24(3)

71-000755 Gulley, D. D. EFFECT OF MINERAL ASH CONTENT ON ATLANTIC MENHADEN MEAL (*BREVOORTIA TYRANNUS*) DIGESTIBILITY BY RAINBOW TROUT (*SALMO GAIRDNERI*). *J. Colo.-Wyo. Acad. Sci.* 12(1):17. Apr. 1980. Abstract only. SFA 25(2)

71-000756 Halver, J. E. FORMULATING PRACTICAL DIETS FOR FISH. *J. Fish. Res. Board Can.* 33(4,2):1032-1039. Apr. 1976. In English with French summ. SFA 21(2).

71-000757 Hardy, R. W. EFFECTS OF DIETARY PROTEIN AND PYRIDOXINE LEVELS ON GROWTH AND DISEASE RESISTANCE OF CHINOOK SALMON. *Ph.D. dissertation, Univ. Wash.* 92p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2027. Nov. 1978. SFA 24(1)

71-000758 Hearn, M. C. POST-STOCKING SURVIVAL OF LARGEMOUTH BASS REARED IN RACEWAYS ON AN ARTIFICIAL DIET. *Prog. Fish-Cult.* 39(3):126-127. July 1977. SFA 22(4)

71-000759 Higgs, D. A. and Eales, J. G. INFLUENCE OF DIET COMPOSITION ON RADIOTHYROXINE KINETICS IN BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL). *Can. J. Zool.* 57(2):396-402. Feb. 1979. In English with French summ. SFA 24(3)

71-000760 Hilge, V. MOEGLICHER EINFLUSS VERSCHIEDENER, KOMBINIERTER PROTEIN-UND FETTGEHALTE DES FUTTERS AUF DAS GONADENWACHSTUM JUNGER SPIEGELKARPFEN (/CYPRINUS CARPIO L.). [POSSIBLE INFLUENCES OF DIFFERENT, COMBINED PROTEIN AND FAT LEVELS OF THE FEED ON THE GONADAL GROWTH OF YOUNG MIRROR CARP (/CYPRINUS CARPIO/ L.).] *Arch. Fischereiwiss.* 29(3):113-118. Mar. 1979. In German with English summ. SFA 24(3)

71-000761 Hilton, J. W.; Cho, C. Y. and Slinger, S. J. EFFECT OF GRADED LEVELS OF SUPPLEMENTAL ASCORBIC ACID IN PRACTICAL DIETS FED TO RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35(4):431-436. Apr. 1978. In English with French summ. SFA 23(3)

71-000762 Hilton, J. W.; Cho, C. Y. and Slinger, S. J. EVALUATION OF THE ASCORBIC ACID STATUS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34(11):2207-2210. Nov. 1977. In English with French summ. SFA 23(1)

71-000763 Hilton, J. W.; Cho, C. Y. and Slinger, S. J. EFFECT OF HYPERVITAMINOSIS A ON THE DEVELOPMENT OF ASCORBIC ACID DEFICIENCY IN UNDERYEARLING RAINBOW TROUT (/SALMO GAIRDNERI/ R.). *Aquaculture* 13(4):325-330. Apr. 1978. SFA 23(4)

71-000764 Hilton, J. W.; Cho, C. Y. and Slinger, S. J. FACTORS AFFECTING THE STABILITY OF SUPPLEMENTAL ASCORBIC ACID IN PRACTICAL TROUT DIETS. *J. Fish. Res. Board Can.* 34(5):683-687. May 1977. In English with French summ. SFA 22(3)

71-000765 Hislop, J. R. G.; Robb, A. P. and Gauld, J. A. OBSERVATIONS ON EFFECTS OF FEEDING LEVEL ON GROWTH AND REPRODUCTION IN HADDOCK, /MELANOGRAMMUS AEGLEFINUS/ (L.) IN CAPTIVITY. *J. Fish Biol.* 13(1):85-98. July 1978. SFA 23(4)

71-000766 Howell, B. R. EXPERIMENTS ON THE REARING OF LARVAL TURBOT, /SCOPHTHALMUS MAXIMUS/ L. *Aquaculture* 18(3):215-225. Nov. 1979. SFA 25(1)

71-000767 Huh, H. T. BIOENERGETICS OF FOOD CONVERSION AND GROWTH OF YELLOW PERCH (/PERCA FLAVESCENS/) AND WALLEYE (/STIZOSTEDION VITREUM VITREUM/) USING FORMULATED DIETS. *Ph.D. dissertation, Univ. Wis. (Madison)* 213p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-000768 Hung, S. S. O.; C. Y. Cho and S. J. Slinger. MEASUREMENT OF OXIDATION IN FISH OIL AND ITS EFFECT ON VITAMIN E NUTRITION OF RAINBOW TROUT (*SALMO GAIRDNERI*). *Can. J. Fish. Aquatic Sci.* 37(8):1248-1253. Aug. 1980. In English with French summ. SFA 25(4)

71-000769 Imada, O.; Yone, Y.; Kitajima, C.; Watanabe, T.; Fujita, S. and Kageyama, Y. DEVELOPMENT OF A NEW YEAST AS A CULTURE MEDIUM FOR LIVING FEEDS USED IN THE PRODUCTION OF FISH SEED. *Bull. Jpn. Soc. Sci. Fish.* 45(8):955-959. Aug. 1979. In Japanese with English summ. SFA 25(1)

71-000770 Jackson, A. J. REDUCING TROUT MORTALITIES AFTER SEAWATER TRANSFER. *Fish Farming Int.* 4(4):31-32. Dec. 1977. SFA 23(4)

71-000771 Jee, A. K. and Mohsin, A. K. M. SUITABILITY OF AGRICULTURAL BYPRODUCTS AS FEED OF COMMON CARP FRY, /CYPRINUS CARPIO/ L. IN NET CAGES. *Malays. Appl. Biol.* 7(1):19-25. June 1978. SFA 24(4)

71-000772 John, M. J. and Mahajan, C. L. THE PHYSIOLOGICAL RESPONSE OF FISHES TO A DEFICIENCY OF CYANOCOBALAMIN AND FOLIC ACID. *J. Fish Biol.* 14 (2): 127-133. Feb. 1979. SFA 24(3)

71-000773 Johnson, E. A.; T. G. Villa; M. J. Lewis. *PHAFFIA RHODOZYMA* AS AN ASTAXANTHIN SOURCE IN SALMONID DIETS. *Aquaculture* 20(2):123-134. June 1980. SFA 25(3)

71-000774 Johnson, E. A.; Conklin, D. E. and Lewis, M. J. THE YEAST /PHAFFIA RHODOZYMA/ AS A DIETARY PIGMENT SOURCE FOR SALMONIDS AND CRUSTACEANS. *J. Fish. Res. Board Can.* 34(12):2417-2421. Dec. 1977. In English with French summ. SFA 23(2)

71-000775 Jones, R. and Hislop, J. R. G. FURTHER OBSERVATIONS ON THE RELATION BETWEEN FOOD INTAKE AND GROWTH OF GADOIDS IN CAPTIVITY. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 244-251. Nov. 1978. SFA 24(2)

71-000776 Kanid'yev, A. N. and V. Ya. Sklyarov. DEVELOPMENT OF EFFICIENT GRANULATED FEEDS FOR THE RAINBOW TROUT, *SALMO GAIRDNERI*, BASED ON VEGETABLE AND BACTERIAL PROTEIN WITH SYNTHETIC AMINO ACIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):140-146. 1979. SFA 25(4)

71-000777 Kanid'yev, A. N. and Sklyarov, V. Ya. A STUDY OF THE EFFECTIVENESS OF GRANULATED FEEDS BASED ON VEGETABLE PROTEIN WITH ADDED SYNTHETIC AMINO ACIDS FOR RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(3):464-470. 1977. SFA 23(3)

71-000778 Kaushik, S. and P. Luquet. ÉTUDE DE LA DIGESTIBILITÉ DES ACIDES AMINÉS DE RÉGIMES A BASE DE ZÉINE CHEZ LA TRUITE ARC-EN-CIEL. [STUDY OF THE AMINO ACIDS DIGESTIBILITY OF ZEIN DIETS IN RAINBOW TROUT.] *Ann. Hydrobiol.* 7(1):11-19. 1976. In French with English summ. SFA 25(4)

71-000779 Kaushik, S. J. and P. Luquet. INFLUENCE OF BACTERIAL PROTEIN INCORPORATION AND OF SULPHUR AMINO ACID SUPPLEMENTATION TO SUCH DIETS ON GROWTH OF RAINBOW TROUT, *SALMO GAIRDNERII* RICHARDSON. *Aquaculture* 19(2):163-175. Feb. 1980. SFA 25(2)

71-000780 Kazlauskene, O. P. and Shcherbina, M. A. ALTERATION IN THE ORGANIC AND MINERAL COMPOSITION OF THE CHYME IN YEARLING POND CARP (/CYPRINUS CARPIO/) FOLLOWING THE ADDITION OF CHALK TO THE DIET. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(5):804-811. 1975. SFA 22(1)

71-000781 Kerns, C. L. and Roelofs, E. W. POULTRY WASTES IN THE DIET OF ISRAELI CARP. *Bamidgeh* 29(4):125-135. Dec. 1977. SFA 23(2)

71-000782 Ketola, H. G. NUTRITIONAL REQUIREMENTS AND FEEDING OF SELECTED COOLWATER FISHES: A REVIEW. *Prog. Fish-Cult.* 40(4):127-132. Oct. 1978. SFA 24(2)

71-000783 Kilambi, R. V. and Robison, W. R. EFFECTS OF TEMPERATURE AND STOCKING DENSITY ON FOOD COMSUPTION AND GROWTH OF GRASS CARP /CTENOPHARYNGODON IDELLA/, VAL. *J. Fish Biol.* 15(3):337-342. Sept. 1979. SFA 25(1)

71-000784 Kitajima, C.; Fujita, S.; Ohwa, F.; Yone, Y. and Watanabe, T. [IMPROVEMENT OF DIETARY VALUE FOR RED SEA BREAM LARVAE OF ROTIFERS /BRACHIONUS PLICATILIS/ CULTURED WITH BAKER'S YEAST /SACCHAROMYCES CEREVISIAE/.] *Bull. Jpn. Soc. Sci. Fish.* 45(4):469-471. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-000785 Kitajima, C.; M. Yoshida and T. Watanabe. [DIETARY VALUE FOR AYU *PLECOGLOSSUS ALTIVELIS* OF ROTIFER *BRACHIONUS PLICATILIS* CULTURED WITH BAKER'S YEAST *SACCHAROMYCES CEREVISIAE* SUPPLEMENTED WITH CUTTLEFISH LIVER OIL.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):47-50. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-000786 Kitajima, C.; T. Arakawa, F. Oowa; S. Fujita; O. Imada; T. Watanabe and Y. Yone. [DIETARY VALUE FOR RED SEA BREAM LARVAE OF ROTIFER *BRACHIONUS PLICATILIS* CULTURED WITH A NEW TYPE OF YEAST.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):43-46. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-000787 Konstantinov, A. S. WAYS OF DETERMINING THE FEEDING RATE OF STEADILY CONSUMING FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):566-571. 1974. SFA 21(2).

71-000788 Koops, H. and Mann, H. MORPHOMETRISCHE MESSUNGEN AN REGENBOGENFORELLEN UNTER VERSCHIEDENEN HALTUNGSBEDINGUNGEN. [MORPHOMETRIC MEASURES OF RAINBOWTROUTS CULTURED UNDER DIFFERENT CONDITIONS.] *Arch. Fischereiwiss.* 26(3):99-102. Apr. 1975. In German with English summ. SFA 21(4)

71-000789 Koops, H.; Tiews, K.; Beck, H. and Gropp, J. DIE VERWERTUNG VON SOJAPROTEIN DURCH DIE REGENBOGENFORELLE (/SALMO GARIDNERI/). [THE UTILIZATION OF SOYBEAN PROTEIN BY THE RAINBOW TROUT (/SALMO GAIRDNERI/).] *Arch. Fischereiwiss.* 26(2/3):181-191. Feb. 1976. In German with English summ. SFA 21(4)

71-000790 Lall, S. P. and Bishop, F. J. STUDIES ON MINERAL AND PROTEIN UTLIZATION BY ATLANTIC SALMON GROWN IN SEA WATER. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 688. v + 17p. Jan. 1977. In English with French summ. SFA 23(2)

71-000791 Launer, C. A.; Tiemeier, O. W. and Deyoe, C. W. EFFECTS OF DIETARY ADDITION OF VITAMINS C AND D(3) ON GROWTH AND CALCIUM AND PHOSPHORUS CONTENT OF POND-CULTURED CHANNEL CATFISH. *Prog. Fish-Cult.* 40(1):16-20. Jan. 1978. SFA 23(2)

71-000792 Lehmitz, R. and Spannhof, L. TRANSKETOLASEAKTIVITAET BEI THIAMINMANGEL IN DER NIERE VON REGENBOGENFORELLEN (/SALMO GAIRDNERI/) NACH KONTINUIERLICHER FUETTERUNG MIT ROGEM HERING. [TRANSKETOLASE ACTIVITY AND THIAMINE DEFICIENCY IN THE KIDNEY OF RAINBOW TROUT (/SALMO GAIRDNERI/) FED CRUDE HERRING.] *Arch. Tierernaehr.* 27(4):287-295. Apr. 1977. In German with English and Russian summ. SFA 22(4)

71-000793 Lewis, G. W. TOTAL SULFUR AMINO ACID NUTRITION OF NORTHERN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES SALMOIDES/) AND FLORIDA LARGEMOUTH BASS (/MICROPTERUS SALMOIDES FLORIDANUS/) AT TWO WATER TEMPERATURES. *Ph.D. dissertation, Univ. Ill.* 81p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):3. July 1978. SFA 23(4)

71-000794 Lim, C. DIETARY ASCORBIC ACID (VITAMIN C) REQUIREMENTS OF CHANNEL CATFISH IN PONDS AND IN A CONTROLLED ENVIRONMENT. *Ph.D. dissertation, Auburn Univ.* 87p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(2):432. Aug. 1977. SFA 24(1)

71-000795 Lim, C.; Sukhawongs, S. and Pascual, F. P. A PRELIMINARY STUDY ON THE PROTEIN REQUIREMENTS OF /CHANOS CHANOS/ (FORSKAL) FRY IN A CONTROLLED ENVIRONMENT. *Aquaculture* 17(3):195-201. July 1979. SFA 24(4)

71-000796 Lovell, R. T. and Lim, C. VITAMIN C IN POND DIETS FOR CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 107(2):321-325. Mar. 1978. SFA 23(3)

71-000797 Lovell, R. T. and Li, Y.-P. ESSENTIALITY OF VITAMIN D IN DIETS OF CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Trans. Am. Fish. Soc.* 107(6):809-811. Nov. 1978. SFA 24(2)

71-000798 Lovell, R. T. and Sirikul, B. WINTER FEEDING OF CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:208-216. 1975. SFA 21(3).

71-000799 Lovell, R. T. DIETARY PHOSPHORUS REQUIREMENT OF CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Trans. Am. Fish. Soc.* 107(4):617-621. July 1978. SFA 24(1)

71-000800 Lovell, R. T.; Prather, E. E.; Tres-Dick, J. and Chhorn, L. EFFECTS OF ADDITION OF FISH MEAL TO ALL-PLANT FEEDS ON THE DIETARY PROTEIN NEEDS OF CHANNEL CATFISH IN PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:222-228. 1975. SFA 21(3).

71-000801 Loyacano, H. A., Jr. PUPAE OF FACE FLY AS FOOD FOR CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:228-231. 1975. SFA 21(3).

71-000802 Luquet, P.; Leger, C. and Bergot, F. EFFETS DE LA SUPPRESSION DES GLUCIDES DANS L'ALIMENTATION DE LA TRUITE ARC-EN-CIEL A LA TEMPERATURE DE 16°C. I.--CROISSANCE EN FONCTION DU NIVEAU D'INGESTION PROTEIQUE. [EFFECTS OF A SUCROSE-FREE DIET ON THE RAINBOW TROUT REARED AT A TEMPERATURE OF 16°C.I.--GROWTH ACCORDING TO PROTEIN INTAKE LEVEL.] *Ann. Hydrobiol.* 7(2):179-184. 1976. In French with English summ. SFA 22(3)

71-000803 Mac, M. J.; Nicholson, L. W. and McCauley, C. A. PCBS AND DDE IN COMMERCIAL FISH FEEDS. *Prog. Fish-Cult.* 47(4):210-211. Oct. 1979. SFA 25(1)

71-000804 MacFarlane, L. R. AUTOMATIC FEEDER FOR DELIVERY OF HIGH-FAT STARTER FOOD TO SWIM-UP FRY OF ATLANTIC SALMON. *Prog. Fish-Cult.* 38(2):106-107. Apr. 1976. SFA 21(3).

71-000805 MacLeod, M. G. RELATIONSHIPS BETWEEN DIETARY SODIUM CHLORIDE, FOOD INTAKE AND FOOD CONVERSION IN THE RAINBOW TROUT. *J. Fish Biol.* 13(1):73-78. July 1978. SFA 23(4)

71-000806 Mahajan, C. L. and N. K. Agrawal. THE ROLE OF VITAMIN C IN CALCIUM UPTAKE BY FISH. *Aquaculture* 19(3):287-294. Mar. 1980. SFA 25(2)

71-000807 Mahajan, C. L. and N. K. Agrawal. VITAMIN C DEFICIENCY IN *CHANNA PUNCTATUS* BLOCH. *J. Fish Biol.* 15(5):613-622. Nov. 1979. SFA 25(2)

71-000808 Mahnken, C. V. W.; J. Spinelli and F. W. Waknitz. EVALUATION OF AN ALKANE YEAST (*CANDIDA* SP.) AS A SUBSTITUTE FOR FISH MEAL IN OREGON MOIST PELLET: FEEDING TRIALS WITH COHO SALMON (*ONCHORHYNCHUS KISUTCH*) AND RAINBOW TROUT (*SALMO GAIRDNERI*). *Aquaculture* 20(1):41-56. May 1980. SFA 25(3)

71-000809 Main, J. K.; van Driel, A. E.; Chiszar, D. A. and Windell, J. T. EFFECTS OF A COMMERCIAL APPETITE STIMULANT ON FEEDING BEHAVIOR OF BLUEGILLS. *Prog. Fish-Cult.* 38(4):211-212. Oct. 1976. SFA 21(4).

71-000810 Marais, J. F. K. and Kissil, G. W. THE INFLUENCE OF ENERGY LEVEL ON THE FEED INTAKE, GROWTH, FOOD CONVERSION AND BODY COMPOSITION OF /SPARUS AURATA/. *Aquaculture* 17(3):203-219. July 1979. SFA 24(4)

71-000811 Markert, J. R.; Higgs, D. A.; Dye, H. M. and MacQuarrie, D. W. INFLUENCE OF BOVINE GROWTH HORMONE ON GROWTH RATE, APPETITE, AND FOOD CONVERSION OF YEARLING COHO SALMON (/ONCORHYNCHUS KISUTCH/) FED TWO DIETS OF DIFFERENT COMPOSITION. *Can. J. Zool.* 55(1):74-83. Jan. 1977. In English with French summ. SFA 22(4)

71-000812 Matty, A. J. and Smith, P. EVALUATION OF A YEAST, A BACTERIUM AND AN ALGA AS A PROTEIN SOURCE FOR RAINBOW TROUT. I. EFFECT OF PROTEIN LEVEL ON GROWTH, GROSS CONVERSION EFFICIENCY AND PROTEIN CONVERSION EFFICIENCY. *Aquaculture* 14(3):235-246. July 1978. SFA 23(4)

71-000813 Mazid, M. A.; Tanaka, Y.; Katayama, T.; Rahman, M. A.; Simpson, K. L. and Chichester, C. O. GROWTH RESPONSE OF /TILAPIA ZILLII/ FINGERLINGS FED ISOCALORIC DIETS WITH VARIABLE PROTEIN LEVELS. *Aquaculture* 18(2):115-122. Oct. 1979. SFA 25(1)

71-000814 McComish, T. S. and Anderson, R. O. FROZEN CHIRONOMID LARVAE AS FOOD IN FEEDING EXPERIMENTS WITH BLUEGILLS. *Proc. Indiana Acad. Sci.* 87:169-170. 1977. Abstract only. SFA 24(2)

71-000815 McGeachin, R. B.; Stickney, R. R. and Arnold, C. R. ALGAE-FED BRINE SHRIMP NAUPLII AS A FOOD SOURCE FOR LARVAL SPOTTED SEATROUT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:574-582. 1977[1979]. SFA 24(4)

71-000816 McLarney, W. O.; Levine, J. S. and Sherman, M. M. MIDGE (CHIRONOMID) LARVAE AS GROWTH-PROMOTING SUPPLEMENT IN FISH AND LOBSTER DIETS. *Bamidgeh* 29(1):17-24. Mar. 1977. SFA 22(3)

71-000817 Mironova, N. V. THE NUTRITIVE VALUE OF ALGAE AS FOOD FOR /TILAPIA MOSSAMBICA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):510-514. 1975. SFA 21(4)

71-000818 Mironova, N. V. THE ENERGY BALANCE OF /TILAPIA MOSSAMBICA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):431-438. 1974. SFA 21(2).

71-000819 Mortensen, W. and Vahl, O. A PROGRAMMED CONTROLLER FOR AUTOMATIC FEEDERS. *Aquaculture* 17(1):73-76. May 1979. SFA 24(4)

71-000820 Murai, T.; Fleetwood, M. A. and Andrews, J. W. OPTIMUM LEVELS OF DIETARY CRUDE PROTEIN FOR FINGERLING AMERICAN SHAD. *Prog. Fish-Cult.* 41(1):5-6. Jan. 1979. SFA 24(2)

71-000821 Murray, M. W. and Andrews, J. W. CHANNEL CATFISH: THE ABSENCE OF AN EFFECT OF DIETARY SALT ON GROWTH. *Prog. Fish-Cult.* 41(3):155-156. July 1979. SFA 25(1)

71-000822 Nagel, T. INTENSIVE CULTURE OF FINGERLING WALLEYES ON FORMULATED FEEDS. *Prog. Fish-Cult.* 38(2):90-91. Apr. 1976. SFA 21(3).

71-000823 Nakashima, B. S. and W. C. Leggett. NATURAL SOURCES AND REQUIREMENTS OF PHOSPHORUS FOR FISHES. *Can. J. Fish. Aquatic Sci.* 37(4):679-686. Apr. 1980. SFA 25(2)

71-000824 Narayansingh, T. and Eales, J. G. THE INFLUENCE OF PHYSIOLOGICAL DOSES OF THYROXINE ON THE LIPID RESERVES OF STARVED AND FED BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL). *Comp. Biochem. Physiol. B Comp. Biochem.* 52(3):407-412. Nov. 1975. SFA 22(1)

71-000825 O'Keefe, T. M.; Purdy, C. B.; Brauer, E. P. and Willoughby, C. E. A MECHANICAL VOLUMETRIC FEEDING DEVICE FOR AQUACULTURE RESEARCH. *Aquaculture* 17(1):69-71. May 1979. SFA 24(4)

71-000826 Ogino, C. [PROTEIN REQUIREMENTS OF CARP AND RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):385-388. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-000827 Ogino, C. [REQUIREMENTS OF CARP AND RAINBOW TROUT FOR ESSENTIAL AMINO ACIDS.] *Bull. Jpn. Soc. Sci. Fish.* 46(2):171-174. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-000828 Ogino, C. and G.-Y. Yang. [REQUIREMENTS OF CARP AND RAINBOW TROUT FOR DIETARY MANGANESE AND COPPER.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):455-458. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-000829 Ogino, C. and H. Nanri. [RELATIONSHIP BETWEEN THE NUTRITIVE VALUE OF DIETARY PROTEINS FOR RAINBOW TROUT AND THE ESSENTIAL AMINO ACID COMPOSITIONS.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):109-112. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-000830 Ogino, C. and Takeda, H. [REQUIREMENTS OF RAINBOW TROUT FOR DIETARY CALCIUM AND PHOSPHORUS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 1019-1022. Sept. 1978. In Japanese with English summ. SFA 24(1)

71-000831 Ogino, C. and Yang, G.-Y. REQUIREMENT OF CARP FOR DIETARY ZINC. *Bull. Jpn. Soc. Sci. Fish.* 45(8):967-969. Aug. 1979. In Japanese with English summ. SFA 25(1)

71-000832 Ogino, C. and Yang, G.-Y. REQUIREMENT OF RAINBOW TROUT FOR DIETARY ZINC. *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 1015-1018. Sept. 1978. SFA 24(1)

71-000833 Ogino, C.; Cowey, C. B. and Chiou, J.-Y. LEAF PROTEIN CONCENTRATE AS A PROTEIN SOURCE IN DIETS FOR CARP AND RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 44(1):49-52. Jan. 1978. SFA 23(3)

71-000834 Ogino, C.; L. Takeuchi; H. Takeda and T. Watanabe. [AVAILABILITY OF DIETARY PHOSPHORUS IN CARP AND RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1527-1532. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-000835 Ogino, C.; Takashima, F. and Chiou, J.-Y. [REQUIREMENT OF RAINBOW TROUT FOR DIETARY MAGNESIUM.] *Bull. Jpn. Soc. Sci. Fish.* 44(10):1105-1108. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-000836 Ostroumova, I. N. [PHYSIOLOGICAL-BIOCHEMICAL STUDIES AIMED AT THE DEVELOPMENT OF FISH FOOD FORMULA.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:65-83. 1976[1977]. In Russian with English summ. SFA 24(4)

71-000837 Ostroumova, I. N.; Shabalina, A. A.; Timoshina, L. A.; Knyazeva, L. M.; Sherstnyeva, T. A.; Pozdnyak, I. S. and Rozhdestvenskaya, Y. N. THE COMPOSITION OF DRY PELLET FEEDS AND THEIR EFFECT ON THE PHYSIOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF YEARLING RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):486-494. 1975. SFA 21(4)

71-000838 Ota, T.; T. Takagi; R. Odajima and T. Terao. [EFFECT OF DIETARY LIPIDS ON GROWTH AND LIPIDS OF COHO SALMON, *ONCORHYNCHUS KISUTCH. Bull. Fac. Fish. Hokkaido Univ.* 30(4):294-300. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-000839 Papoutsoglou, S. E. and Papaparaskeva-Papoutsoglou, E. G. COMPARATIVE STUDIES ON BODY COMPOSITION OF RAINBOW TROUT (/SALMO GAIRDNERI/ R.) IN RELATION TO TYPE OF DIET AND GROWTH RATE. *Aquaculture* 13(3):235-243. Mar. 1978. SFA 23(3)

71-000840 Papoutsoglou, S. E. VITAMIN AND ESSENTIAL FATTY ACID SUPPLEMENTATION IN EXPERIMENTAL DIETS FOR RAINBOW TROUT (/SALMO GAIRDNERI/, R.). *Thalassographica* 1(2):140-150. July 1977. In English with Greek summ. SFA 24(2)

71-000841 Papoutsoglou, S. E. and Papaparaskeva-Papoutsoglou, E. EFFECT OF WATER TEMPERATURE ON GROWTH RATE AND BODY COMPOSITION OF RAINBOW TROUT (/SALMO GAIRDNERI/, R) FRY, FED ON MAXIMUM RATION IN CLOSED SYSTEM. *Thalassographica* 2(1):83-97. Mar. 1978. In English with Greek summ. SFA 24(2)

71-000842 Pfeffer, E. and Meske, C. H. UNTERSUCHUNGEN ZUR ERMITTLUNG DES BEDARFS AN MINERALISCHEN MENGENELEMENTEN VON SPIEGELKARPFEN (/CAPRINUS CARPIO/). [DERIVING REQUIREMENTS OF MAJOR MINERAL ELEMENTS IN CARP (/CAPRINUS CARPIO/).] *J. Anim. Physiol. Anim. Nutr.* 42(5):225-231. Nov. 1979. In German with English summ. SFA 25(1)

71-000843 Pfeffer, E. and Becker, K. UNTERSUCHUNGEN AN REGENBOGENFORELLEN UEBER DEN FUTTERWERT VERSCHIEDENER HANDELSFUTTER UND UEBER DEN WEITGEHENDEN ERSATZ VON FISCHMEHL DURCH KRILLMEHL IM FUTTER. [STUDIES ABOUT THE FEEDING VALUE OF SOME COMMERCIAL TROUT FEEDS AND ABOUT REPLACING A MAJOR PART OF FISH MEAL BY KRILL MEAL IN TROUT FEED.] *Arch. Fischereiwiss.* 28(1):19-29. July 1977. In German with English summ. SFA 23(1)

71-000844 Pfeffer, E.; R. Petrasch and O. Eckhardt. UNTERSUCHUNGEN ÜBER MÖGLICHE PROTEIN- UND FETTTRÄGER IN GEREINIGTEN DIÄTEN FÜR REGENBOGENFORELLEN (*SALMO GAIRDNERI*, R.). [STUDIES ON POSSIBLE SOURCES OF PROTEIN AND FAT IN PURIFIED DIETS FOR RAINBOW TROUT (*SALMO GAIRNDERI*, R.).] *J. Anim. Physiol. Anim. Nutr.* 43(4-5):254-263. 1980. In German with English summ. SFA 25(4)

71-000845 Poston, H. A. and G. F. Combs, Jr. NUTRITIONAL IMPLICATIONS OF TRYPTOPHAN CATABOLIZING ENZYMES IN SEVERAL SPECIES OF TROUT AND SALMON. *Proc. Soc. Exp. Biol. Med.* 163(4):452-454. 1980. SFA 25(3)

71-000846 Poston, H. A. OPTIMUM LEVEL OF DIETARY BIOTIN FOR GROWTH, FEED UTILIZATION, AND SWIMMING STAMINA OF FINGERLING LAKE TROUT (/SALVELINUS NAMAYCUSH/). *J. Fish. Res. Board Can.* 33(8):1803-1806. Aug. 1976. In English with French summ. SFA 21(3).

71-000847 Poston, H. A. RELATIVE EFFECT OF TWO DIETARY WATER-SOLUBLE ANALOGUES OF MENAQUINONE ON COAGULATION AND PACKED CELL VOLUME OF BLOOD OF LAKE TROUT (/SALVELINUS NAMAYCUSH/). *J. Fish. Res. Board Can.* 33(8):1791-1793. Aug. 1976. In English with French summ. SFA 21(3).

71-000848 Pozar, D. F. AUTOMATIC FISH FOOD DISPENSER FOR USE WITH OREGON MOIST AND DRY FOOD PELLETS. *Prog. Fish-Cult.* 42(1):45-48. Jan. 1980. SFA 25(2)

71-000849 Prasadam, R. D. and Gopinathan, K. EXPERIMENTAL STUDIES ON THE FOOD PREFERENCES AND THE EFFECT OF SUPPLEMENTARY FEEDS ON THE GROWTH AND SURVIVAL OF THE GREY-MULLETS /MUGIL MACROLEPIS/ SMITH. *J. Inland Fish. Soc. India* 8:173-178. Dec. 1976. SFA 24(3)

71-000850 Protan & Fagertun A. S. PROTANAL ALGINATES AS BINDERS IN FISH FEEDS. *Riv. It. Piscic. Ittiop.* 13 (4): 103-106. Oct.-Nov.-Dec. 1978. In English and Italian. SFA 24(2)

71-000851 Randolph, K. N. and Clemens, H. P. EFFECTS OF SHORT-TERM FOOD DEPRIVATION ON CHANNEL CATFISH AND IMPLICATIONS FOR CULTURE PRACTICES. *Prog. Fish-Cult.* 40(2):48-50. Apr. 1978. SFA 23(3)

71-000852 Reagan, R. E. and H. R. Robinette. FEEDING OF CHANNEL CATFISH FINGERLINGS IN MILD AND SEVERE WINTERS IN MISSISSIPPI. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:426-428. 1978[1979]. SFA 25(2)

71-000853 Reddy, S. R. and Katre, S. GROWTH RATE AND CONVERSION EFFICIENCY OF THE AIR-BREATHING CATFISH, /HETEROPNEUSTES FOSSILIS/, IN RELATION TO RATION SIZE. *Aquaculture* 18(1):35-40. Sept. 1979. SFA 25(1)

71-000854 Reinacher, E. WEITERE UNTERSUCHUNGEN ZUR FRAGE DER BEEINFLUSSUNG DER KONSUMQUALITAET VON TIEFGEFRORENEN FORELLEN DURCH DEN EINSATZ VON KRILLMEHL UND ANDEREN PROTEINTRAEGERN IN FISCHMEHLFREIEM FUTTER. [FURTHER INVESTIGATIONS ON THE QUESTION OF THE THE INFLUENCE OF FEED COMPOSITION ON EATING QUALITY OF DEEP-FROZEN RAINBOW TROUT USING KRILL MEAL AND OTHER PROTEIN SOURCES IN DIETS FREE OF FISH MEAL.] *Arch. Fischereiwiss.* 29(3):129-132. Mar. 1979. In German with English summ. SFA 24(3)

71-000855 Reinitz, G. and F. Hitzel. FORMULATION OF PRACTICAL DIETS FOR RAINBOW TROUT BASED ON DESIRED PERFORMANCE AND BODY COMPOSITION. *Aquaculture* 19(3):243-252. Mar. 1980. SFA 25(2)

71-000856 Reinitz, G. and R. Austin. EXPERIMENTAL DIETS FOR INTENSIVE CULTURE OF YELLOW PERCH. *Prog. Fish-Cult.* 42(1):29-31. Jan. 1980. SFA 25(2)

71-000857 Reinitz, G. GROWTH AND SURVIVAL OF LAKE TROUT FED EXPERIMENTAL STARTER DIETS. *Prog. Fish-Cult.* 42(2):100-102. Apr. 1980. SFA 25(3)

71-000858 Reinitz, G. L.; Orme, L. E. and Hitzel, F. N. VARIATIONS OF BODY COMPOSITION AND GROWTH AMONG STRAINS OF RAINBOW TROUT. *Trans. Am. Fish. Soc.* 108(2):204-207. Mar. 1979. SFA 24(4)

71-000859 Reinitz, G. L.; Orme, L. E.; Lemm, C. A. and Hitzel, F. N. FULL-FAT SOYBEAN MEAL IN RAINBOW TROUT DIETS. *Feedstuffs* 50(3):23-24. 16 Jan. 1978. SFA 23(3)

71-000860 Reinitz, G. L.; Orme, L. E.; Lemm, C. A. and Hitzel, F. N. INFLUENCE OF VARING LIPID CONCENTRATIONS WITH TWO PROTEIN CONCENTRATIONS IN DIETS FOR RAINBOW TROUT (/SALMO GAIRDNERI/). *Trans. Am. Fish. Soc.* 107(5):751-754. Sept. 1978. SFA 24(1)

71-000861 Reinitz, G. SOYBEAN MEAL AS A SUBSTITUTE FOR HERRING MEAL IN PRACTICAL DIETS FOR RAINBOW TROUT. *Prog. Fish-Cult.* 42(2):103-106. Apr. 1980. SFA 25(3)

71-000862 Ricerca, S. D. RISULTATI PRELIMINARI DE SOSTITUZIONE COMPUTERIZZATA DELLA FARINA DI PESCE CON TROPINA NEI PELLETS PER TROTA. [PRELIMINARY RESULTS OF COMPUTERIZED COMPOSITION OF FISH FOOD WITH TOPRINA IN PELLETS FOR TROUT.] *Riv. It. Piscic. Ittiop.* 12(3):69-72. July-Aug.-Sept. 1977. In Italian with English summ. SFA 23(1)

71-000863 Rickards, W. L.; Foster, J. E. and Jones, W. R. A FEEDING TRAY FOR USE IN EEL FARMING. *Univ. N.C. Sea Grant Publ.* UNC-SG-78-04. 11p. Apr. 1978. SFA 24(1)

71-000864 Robinette, H. R. and Dearing, A. S. SHRIMP BY-PRODUCT MEAL IN DIETS OF CHANNEL CATFISH. *Prog. Fish-Cult.* 40(1):39-40. Jan. 1978. SFA 23(2)

71-000865 Rumsey, G. L. FISH NUTRITION--RECENT ADVANCES. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 16-40. Apr. 1977. SFA 23(1)

71-000866 Rychly, J. and Spannhoe, L. NITROGEN BALANCE IN TROUT. I. DIGESTIBILITY OF DIETS CONTAINING VARYING LEVELS OF PROTEIN AND CARBOHYDRATE. *Aquaculture* 16(1):39-46. Jan. 1979. SFA 24(2)

71-000867 Sakaguchi, H. and Hamaguchi, A. [PHYSIOLOGICAL STUDIES ON CULTURED RED SEA BREAM--III. DIGESTIBILITY AND CHANGES OF CHEMICAL CONSTITUENTS IN PLASMA AND HEPATOPANCREAS AFTER FEEDING OF OXIDIZED OIL.] *Bull. Jpn. Soc. Sci. Fish.* 45(5):545-548. May 1979. In Japanese with English summ. SFA 24(4)

71-000868 Sakaguchi, H. and Hamaguchi, A. [PHYSIOLOGICAL STUDIES ON CULTURED RED SEA BREAM--II. EFFECT OF OXIDIZED OIL ON THE CHEMICAL CONSTITUENTS IN PLASMA, HEPATOPANCREAS AND MUSCLE.] *Bull. Jpn. Soc. Sci. Fish.* 45(4):449-453. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-000869 Sakamoto, S. and Yone, Y. MINERAL MIXTURE IN PURIFIED DIET FOR RED SEA BREAM. *Bull. Jpn. Soc. Sci. Fish.* 45(7):873-877. July 1979. SFA 25(1)

71-000870 Sakamoto, S. and Yone, Y. EFFECT OF DIETARY PHOSPHORUS LEVEL ON CHEMICAL COMPOSITION OF RED SEA BREAM. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 227-229. Mar. 1978. SFA 23(3)

71-000871 Sakamoto, S. and Yone, Y. REQUIREMENT OF RED SEA BREAM FOR DIETARY IRON--II. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 223-225. Mar. 1978. SFA 23(3)

71-000872 Sakamoto, S. and Yone, Y. REQUIREMENT OF RED SEA BREAM FOR DIETARY NA AND K. *J. Fac. Agric. Kyushu Univ.* 23 (1/2): 79-84. Oct. 1978. SFA 24(2)

71-000873 Sakamoto, S. and Yone, Y. IRON DEFICIENCY SYMPTOMS OF CARP. *Bull. Jpn. Soc. Sci. Fish.* 44(10):1157-1160. Oct. 1978. SFA 24(2)

71-000874 Sakamoto, S. and Yone, Y. AVAILABILITIES OF THREE IRON COMPOUNDS AS DIETARY IRON SOURCES FOR RED SEA BREAM. *Bull. Jpn. Soc. Sci. Fish.* 45(2):231-235. Feb. 1979. SFA 24(3)

71-000875 Sakamoto, S. and Yone, Y. REQUIREMENT OF RED SEA BREAM FOR DIETARY MG. *Bull. Jpn. Soc. Sci. Fish.* 45(1):57-60. Jan. 1979. SFA 24(3)

71-000876 Sakamoto, S. and Yone, Y. REQUIREMENT OF RED SEA BREAM FOR DIETARY TRACE ELEMENTS. *Bull. Jpn. Soc. Sci. Fish.* 44(12):1341-1344. Dec. 1978. SFA 24(2)

71-000877 Sakamoto, S.; A. Eto; M. Furuichi and Y. Yone. PURIFIED TEST DIET FOR YELLOWTAIL--I. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1179-1183. Sept. 1979. SFA 25(2)

71-000878 Sampath, K. and T. J. Pandian. EFFECTS OF DENSITY ON FOOD UTILIZATION AND SURFACING BEHAVIOUR IN THE OBLIGATORY AIR-BREATHING FISH *CHANNA STRIATUS*. *Hydrobiologia* 68(2):113-117. 31 Jan. 1980. SFA 25(2)

71-000879 Sanchez Muniz, F. J.; de la Higuera, M.; Mataix, F. J. and Varela, G. THE YEAST /HANSENULA ANOMALA/ AS A PROTEIN SOURCE FOR RAINBOW TROUT (/SALMO GAIRDNERI/). HEMATOLOGICAL ASPECTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(1):153-157. 1979. SFA 24(3)

71-000880 Sarokon, J. A. FEEDING FREQUENCY, EVACUATION, ABSORPTION, GROWTH AND ENERGY BALANCE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Ph. D. dissertation, Univ. Colo.* 71p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

71-000881 Sato, M.; Yoshinaka, R.; Yamamoto, Y. and Ikeda, S. NONESSENTIALITY OF ASCORBIC ACID IN THE DIET OF CARP. *Bull. Jpn. Soc. Sci. Fish.* 44(10):1151-1156. Oct. 1978. SFA 24(2)

71-000882 Sato, M.; Yoshinaka, R. and Ideda, S. DIETARY ASCORBIC ASCID REQUIRMENT OF RAINBOW TROUT FOR GROWTH AND COLLAGEN FORMATION. *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 1029-1035. Sept. 1978. SFA 24(1)

71-000883 Savitz, J.; Albanese, E.; Evinger, M. J. and Kolasinski, P. EFFECT OF RATION LEVEL ON NITROGEN EXCRETION, NITROGEN RETENTION AND EFFICIENCY OF NITROGEN UTILIZATION FOR GROWTH IN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *J. Fish Biol.* 11(2):185-192. Aug. 1977. SFA 23(1)

71-000884 Schalles, J. F. and Wissing, T. E. EFFECTS OF DRY PELLET DIETS ON THE METABOLIC RATES OF BLUEGILL (/LEPOMIS MACROCHIRUS/). *J. Fish. Res. Board Can.* 33(11):2443-2449. Nov. 1976. In English with French summ. SFA 21(4).

71-000885 Schauer, P. S. and Simpson, K. L. EFFECTS OF DIETS ON THE FATTY ACID COMPOSITION OF JUVENILE ATLANTIC SILVERSIDES (/MENIDIA MENIDIA/). *Proc. Annu. Meeting World Maricult. Soc.* 9:175-187. 1978. SFA 24(3)

71-000886 Schroeder, G. L. THE BREAKDOWN OF FEEDING NICHES IN FISH PONDS UNDER CONDITIONS OF SEVERE COMPETITION. *Bamidgeh* 32(1):20-24. Mar. 1980. SFA 25(3)

71-000887 Scott, A. P. and Middleton, C. UNICELLULAR ALGAE AS A FOOD FOR TURBOT (/SCOPHTHALMUS MAXIMUS? L.) LARVAE--THE IMPORTANCE OF DIETARY LONG-CHAIN POLYUNSATURATED FATTY ACIDS. *Aquaculture* 18(3):227-240. Nov. 1979. SFA 25(1)

71-000888 Sehgal, K. L. and Joshi, C. B. PRELIMINARY OBSERVATIONS ON IMPROVED TECHNIQUES OF ARTIFICIAL FEEDING OF BROWN (/SALMO TRUTTA FARIO/) AND RAINBOW (/SALMO GAIRDNERI/) TROUTS IN KASHMIR TO CONTROL 'WHIRLING' ASSOCIATED WITH MALNUTRITION. *Indian J. Anim. Sci.* 45(6):404-411. June 1975. SFA 24(3)

71-000889 Sehgal, K. L.; Wani, A. R.; Nabi, G. and Kumar, K. EXPERIMENTS ON THE EFFICIENCY AND COST OF DRY, COMPOUND PELLETIZED FEED IN RELATION TO CONVENTIONAL FEED IN KASHMIR TROUT FARM. *J. Inland Fish. Soc. India* 8:1-12. Dec. 1976. SFA 24(3)

71-000890 Seidel, C. R.; P. S. Schauer; T. Katayama and K. L. Simpson. CULTURE OF ATLANTIC SILVERSIDES FED ON ARTIFICIAL DIETS AND BRINE SHRIMP NAUPLII. *Bull. Jpn. Soc. Sci. Fish.* 46(2):237-245. Feb. 1980. SFA 25(3)

71-000891 Sen, P. R.; Rao, N. G. S.; Ghosh, S. R. and Rout, M. OBSERVATIONS ON THE PROTEIN AND CARBOHYDRATE REQUIREMENTS OF CARPS. *Aquaculture* 13(3):245-2559 Mar. 1978. SFA 23(3)

71-000892 Shcherbina, M. A.; Trofimova, L. N. and Kazlauskene, O. P. THE ACTIVITY OF PROTEASE AND THE RESORPTION INTENSITY OF PROTEIN WITH THE INTRODUCTION OF DIFFERENT QUANTITIES OF FAT INTO THE FOOD OF THE CARP /CYPRINUS CARPIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(4):632-636. 1976. SFA 23(1)

71-000893 Shcherbina, M. A. PHYSIOLOGICAL ASSESSMENT OF THE FOOD VALUE OF ARTIFICIAL FOODS FOR FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):303-310. 1975. SFA 21(3).

71-000894 Shireman, J. V.; Colle, D. E. and Rottmann, R. W. GROWTH OF GRASS CARP FED NATURAL AND PREPARED DIETS UNDER INTENSIVE CULTURE. *J. Fish Biol.* 12(5):457-463. May 1978. SFA 23(4)

71-000895 Singh, S. B.; Dey, R. K. and Reddy, P. V. G. K. OBSERVATIONS ON FEEDING OF YOUNG GRASS CARP ON MOSQUITO LARVAE. *Aquaculture* 12(4):361-363. Dec. 1977. SFA 23(2)

71-000896 Skrede, A.; Å. Krogdahl and E. Austreng. DIGESTIBILITY OF AMINO ACIDS IN RAW FISH FLESH AND MEAT-AND-BONE MEAL FOR THE CHICKEN, FOX, MINK AND RAINBOW TROUT. *J. Anim. Physiol. Anim. Nutr.* 43(2):92-101. Feb. 1980. In English with German summ. SFA 25(3)

71-000897 Smith, C. E.; Piper, R. G.; Dwyer, W. P. and Osborne, M. D. EFFECT OF DIET COMPOSITION ON PERFORMANCE OF RAINBOW TROUT BROOD STOCK DURING A THREE-YEAR PERIOD. *Prog. Fish-Cult.* 47(4):185-188. Oct. 1979. SFA 25(1)

71-000898 Spataru, P. NATURAL FEED OF /TILAPIA AUREA/ STEINDACHNER IN POLYCULTURE, WITH SUPPLEMENTARY FEED AND INTENSIVE MANURING. *Bamidgeh* 28(3):57-63. Sept. 1976. SFA 21(4).

71-000899 Spataru, P.; B. Hepher and A. Halevy. THE EFFECT OF THE METHOD OF SUPPLEMENTARY FEED APPLICATION ON THE FEEDING HABITS OF CARP (*CYPRINUS CARPIO* L.) WITH REGARD TO NATURAL FOOD IN PONDS. *Hydrobiologia* 72(1-2):171-178. 10 July 1980. SFA 25(4)

71-000900 Spinelli, J. and Mahnken, C. EFFECT OF DIETS CONTAINING DOGFISH (/SQUALUS ACANTHIAS/) MEAL ON THE MERCURY CONTENT AND GROWTH OF PEN-REARED COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 33(8):1771-1778. Aug. 1976. In English with French summ. SFA 21(3).

71-000901 Steffens, W. and Albrecht, M.-L. ERNIEDRIGUNG DES ANTEILS VON TIERISCHEM PROTEIN IM FUTTER FUER REGENBOGENFORELLEN (/SALMO GAIRDNERI/). 2. MITTEILUNG. ERGAENZUNG DURCH METHIONIN UND LYSIN. [REDUCING THE PROPORTION OF ANIMAL PROTEIN IN FEED FOR RAINBOW TROUT (/SALMO GAIRDNERI/). 2. SUPPLEMENTATION OF METHIONINE AND LYSINE.] *Arch. Tierernaehr.* 29(5):339-347. May 1979. In German with English and Russian summ. SFA 25(1)

71-000902 Stickney, R. R.; Simmons, H. B. and Rowland, L. O. GROWTH RESPONSES OF /TILAPIA AUREA/ TO FEED SUPPLEMENTED WITH DRIED POULTRY WASTE. *Tex. J. Sci.* 29(1-2):93-99. Sept. 1977. SFA 23(2)

71-000903 Stott, W. T. and Sinnhuber, R. O. DIETARY PROTEIN LEVELS AND AFLATOXIN B(1) METABOLISM IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Environ. Pathol. Toxicol.* 2(2):379-388. Nov.-Dec. 1978. SFA 24(2)

71-000904 Takeuchi, L.; T. Takeuchi and C. Ogino. [RIBOFLAVIN REQUIREMENTS IN CARP AND RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 46(6):733-737. June 1980. In Japanese with English summ. SFA 25(4)

71-000905 Takeuchi, T. and T. Watanabe. [EFFECT OF EXCESS AMOUNTS OF ESSENTIAL FATTY ACIDS ON GROWTH OF RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1517-1519. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-000906 Takeuchi, T. and Watanabe, T. EFFECT OF EICOSAPENTAENOIC ACID AND DOCOSAHEXAENOIC ACID IN POLLOCK LIVER OIL ON GROWTH AND FATTY ACID COMPOSITION OF RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 43(8):947-953. Aug. 1977. SFA 23(1)

71-000907 Takeuchi, T. and Watanabe, T. [GROWTH-ENHANCING EFFECT OF CUTTLEFISH LIVER OIL AND SHORT-NECKED CLAM OIL ON RAINBOW TROUT AND THEIR EFFECTIVE COMPONENTS.] *Bull. Jpn. Soc. Sci. Fish.* 44(7):733-738. July 1978. In Japanese with English summ. SFA 24(1)

71-000908 Takeuchi, T. and Watanabe, T. [REQUIREMENT OF CARP FOR ESSENTIAL FATTY ACIDS.] *Bull. Jpn. Soc. Sci. Fish.* 43(5):541-551. May 1977. In Japanese with English summ. SFA 22(4)

71-000909 Takeuchi, T.; S. Arai; T. Watanabe and Y. Shimma. [REQUIREMENT OF EEL *ANGUILLA JAPONICA* FOR ESSENTIAL FATTY ACIDS.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):345-353. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-000910 Takeuchi, T.; T. Watanabe and T. Nose. [REQUIREMENT FOR ESSENTIAL FATTY ACIDS OF CHUM SALMON (*ONCORHYNCHUS KETA*) IN FRESHWATER ENVIRONMENT]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1319-1323. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-000911 Takeuchi, T.; Watanabe, T. and Ogino, C. [OPTIMUM RATIO OF DIETARY ENERGY TO PROTEIN FOR CARP.] *Bull. Jpn. Soc. Sci. Fish.* 45(8):983-987. Aug. 1979. In Japanese with English summ. SFA 25(1)

71-000912 Takeuchi, T.; Watanabe, T. and Ogino, C. [AVAILABILITY OF CARBOHYDRATE AND LIPID AS DIETARY ENERGY SOURCES FOR CARP.] *Bull. Jpn. Soc. Sci. Fish.* 45(8):977-982. Aug. 1979. In Japanese with English summ. SFA 25(1)

71-000913 Takeuchi, T.; Watanabe, T. and Ogino, C. [OPTIMUM RATIO OF PROTEIN TO LIPID IN DIETS OF RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 44(6):683-688. June 1978. In Japanese with English summ. SFA 23(4)

71-000914 Takeuchi, T.; Watanabe, T. and Ogino, C. [SUPPLEMENTARY EFFECT OF LIPIDS IN A HIGH PROTEIN DIET OF RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 44(6):677-681. June 1978. In Japanese with English summ. SFA 23(4)

71-000915 Takeuchi, T.; Watanabe, T. and Ogino, C. [USE OF HYDROGENATED FISH OIL AND BEEF TALLOW AS A DIETARY ENERGY SOURCE FOR CARP AND RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 44(8):875-881. Aug. 1978. In Japanese with English summ. SFA 24(1)

71-000916 Takeuchi, T.; Yokoyama, M.; Watanabe, T. and Ogino, C. [OPTIMUM RATIO OF DIETARY ENERGY TO PROTEIN FOR RAINBOW TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 44(7):729-732. July 1978. In Japanese with English summ. SFA 24(1)

71-000917 Teng, S.-K.; Chua, T.-E. and Lim, P.-E. PRELIMINARY OBSERVATION ON THE DIETARY PROTEIN REQUIREMENT OF ESTUARY GROUPER, /EPINEPHELUS SALMOIDES/ MAXWELL, CULTURED IN FLOATING NET-CAGES. *Aquaculture* 15(3):257-271. Nov. 1978. SFA 24(2)

71-000918 Thia-Eng, C. and Seng-Keh, T. EFFECTS OF FEEDING FREQUENCY ON THE GROWTH OF YOUNG ESTUARY GROUPER, /EPINEPHELUS TAUVINA/ (FORSKAL), CULTURED IN FLOATING NET-CAGES. *Aquaculture* 14(1):31-47. May 1978. SFA 23(4)

71-000919 Tiews, K.; Gropp, J. and Koops, H. ON THE DEVELOPMENT OF OPTIMAL RAINBOW TROUT PELLET FEEDS. *Arch. Fischereiwiss.* In English and German. SFA 21(4)

71-000920 Tomiyama, T.; J. L. Sumner; G. W. Kitson and I. R. Perry. FATTENING OF WILD SHORT-FINNED EELS, *ANGUILLA AUSTRALIS SCHMIDTII* PHILLIPS. *N.Z. Mar. Freshwater Res.* 13(3):377-378. 1979. SFA 25(2)

71-000921 Twongo, T. K. and MacCrimmon, H. R. SIGNIFICANCE OF THE TIMING OF INITIAL FEEDING IN HATCHERY RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 33(9):1914-1921. Sept. 1976. In English with French summ. SFA 21(3).

71-000922 Twongo, T. K. DEVELOPMENT OF FEEDING IN THE HATCHERY RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Ph. D. dissertation, Univ. Guelph* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-000923 Urquhart, D. L. and Barnard, D. R. GROWTH OF PEN REARED PINK SALMON FRY, /ONCORHYNCHUS GORBUSCHA/, FEEDING ON AVAILABLE MARINE ZOOPLANKTON. *Aquaculture* 17(3):251-256. July 1979. SFA 24(4)

71-000924 Valfre, F.; Bosi, G.; Bellezza, P.; Olivieri, O. and Moca, S. ULTERIORI DATA SULLA PRESENZA DI N-PARAFFINE IN COMUNI MANGIMI DEL COMMERCIO. [FURTHER RESULTS ON N-PARAFFIN OCCURRENCE IN COMMERCIAL ANIMAL FEEDS.] *Riv. It. Piscic. Ittiop.* 13(3):69-71. July-Aug.-Sept. 1978. In Italian with English summ. SFA 24(1)

71-000925 Venkatesh, B. and Shetty, H. P. C. STUDIES ON THE GROWTH RATE OF THE GRASS CARP /CTENOPHARYNGODON IDELLA/ (VALENCIENNES) FED ON TWO AQUATIC WEEDS AND A TERRESTRIAL GRASS. *Aquaculture* 13 (1): 45-53. Jan. 1978. SFA 23(3)

71-000926 Viola, S. and Amidan, G. THE EFFECTS OF DIFFERENT DIETARY OIL SUPPLEMENTS ON THE COMPOSITION OF CARP'S BODY FAT. *Bamidgeh* 30(4):104-109. Dec. 1978. SFA 24(3)

71-000927 Viola, S. and Rappaport, U. EXPERIMENTS IN NUTRITION OF CARP IN CAGES AND PONDS. III. INCREASING ENERGY DENSITY OF PELLETS BY OILS. *Bamidgeh* 30(3):67-79. Sept. 1978. SFA 24(2)

71-000928 Viola, S. and U. Rappaport. THE "EXTRA-CALORIC EFFECT" OF OIL IN THE NUTRITION OF CARP. *Bamidgeh* 31(3):51-68. Sept. 1979. SFA 25(2)

71-000929 Viola, S. ENERGY VALUES OF FEEDSTUFFS FOR CARP. *Bamidgeh* 29(1):29-30. Mar. 1977. SFA 22(3)

71-000930 Wankowski, J. W. J. FOOD PARTICLE SIZE INFLUENCE ON SALMON GROWTH. *Fish Farming Int.* 4(4):23. Dec. 1977. SFA 23(4)

71-000931 Wankowski, J. W. J. and Thorpe, J. E. THE ROLE OF FOOD PARTICLE SIZE IN THE GROWTH OF JUVENILE ATLANTIC SALMON (/SALMO SALAR/ L.). *J. Fish Biol.* 14(4):351-370. Apr. 1979. SFA 24(3)

71-000932 Watanabe, T. [NUTRITIONAL EVALUATION OF PROTEINS OF LIVING FEEDS USED IN SEED PRODUCTION OF FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44(9):985-988. Sept. 1978. In Japanese with English summ. SFA 24(1)

71-000933 Watanabe, T.; A. Murakami; L. Takeuchi; T. Nose and C. Ogino. REQUIREMENT OF CHUM SALMON HELD IN FRESHWATER FOR DIETARY PHOSPHORUS. *Bull. Jpn. Soc. Sci. Fish.* 46(3):361-367. Feb. 1980. SFA 25(3)

71-000934 Watanabe, T.; Arakawa, T.; Kitajima, C.; Fukusho, K. and Fujita, S. [NUTRITIONAL QUALITY OF LIVING FEED FROM THE VIEWPOINT OF ESSENTIAL FATTY ACIDS FOR FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44(11):1223-1227. Nov. 1978. In Japanese with English summ. SFA 24(2)

71-000935 Watanabe, T.; Arakawa, T.; Kitajima, C.; Fukusho, K. and Fujita, S. [PROXIMATE AND MINERAL COMPOSITIONS OF LIVING FEEDS USED IN SEED PRODUCTION OF FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44(9):979-984. Sept. 1978. In Japenese with English summ. SFA 24(1)

71-000936 Watanabe, T.; F. Oowa; C. Kitajima and S. Fujita. RELATIONSHIP BETWEEN DIETARY VALUE OF BRINE SHRIMP *ARTEMIA SALINA* AND THEIR CONTENT OF ω3 HIGHLY UNSATURATED FATTY ACIDS. *Bull. Jpn. Soc. Sci. Fish.* 46(1):35-41. Jan. 1980. SFA 25(2)

71-000937 Watanabe, T.; Kitajima, C.; Arakawa, T.; Fukusho, K. and Fujita, S. [NUTRITIONAL QUALITY OF ROTIFER /BRACHIONUS PLICATILIS/ AS A LIVING FEED FROM THE VIEWPOINT OF ESSENTIAL FATTY ACIDS FOR FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44(10):1109-1114. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-000938 Watanabe, T.; Oowa, F.; Kitajima, C. and Fujita, S. [NUTRITIONAL QUALITY OF BRINE SHRIMP, /ARTEMIA SALINA/, AS A LIVING FEED FROM THE VIEWPOINT OF ESSENTIAL FATTY ACIDS FOR FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44(10):1115-1121. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-000939 Weatherley, A. H. FACTORS AFFECTING MAXIMIZATION OF FISH GROWTH. *J. Fish. Res. Board Can.* 33(4,2):1046-1058. Apr. 1976. In English with French summ. SFA 21(2).

71-000940 Werder, U. and Saint-Paul, U. FEEDING TRIALS WITH HERBIVOROUS AND OMNIVOROUS AMAZONIAN FISHES. *Aquaculture* 15(2):175-177. Oct. 1978. SFA 24(1)

71-000941 Westgate, J. W.; McKee, T. B.; Crawford, D. L. and Law, D. K. NUTRITIONAL EFFECTS OF USING "SALTY" HERRING MEAL IN OREGON MOIST PELLETS. *Prog. Fish-Cult.* 38(2):118-119. Apr. 1976. SFA 21(3).

71-000942 Williams, S. F. and Caldwell, R. S. GROWTH, FOOD CONVERSION AND SURVIVAL OF 0-GROUP ENGLISH SOLE (/PAROPHRYS VETULUS/ GIRARD) AT FIVE TEMPERATURES AND FIVE RATIONS. *Aquaculture* 15(2):129-139. Oct. 1978. SFA 24(1)

71-000943 Willis, D. W. and S. A. Flickinger. TRAINING SUCCESS OF BROOK AND BROWN TROUT ONTO A PREPARED DIET. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:42-46. 1980. SFA 25(4)

71-000944 Windell, J. T.; Foltz, J. W. and Sarokon, J. A. EFFECT OF FISH SIZE, TEMPERATURE, AND AMOUNT FED ON NUTRIENT DIGESTIBILITY OF A PELLETED DIET BY RAINBOW TROUT, /SALMO GAIRDNERI/. *Trans. Am. Fish. Soc.* 107(4):613-616. July 1978. SFA 24(1)

71-000945 Windell, J. T.; Harris, L. and Horak, D. L. METABOLIZABLE ENERGY ABSORPTION EFFICIENCY AND THE COEFFICIENT DIGESTIBILITY OF FISH FOOD INGREDIENTS AND DIETS. *J. Colo.-Wyo. Acad. Sci.* 11(1):10. Apr. 1979. Abstract only. SFA 24(3)

71-000946 Windell, J. T.; Beaudry, J. M. and Foltz, J. W. GROWTH RATE OF RAINBOW TROUT (/SALMO GAIRDNERI/) FED A TILAPIA (/SAROTHERODON MOSSAMBICUS/) FISH MEAL SUPPLEMENTED DIET. *J. Colo.-Wyo. Acad. Sci.* 11(1):12. Apr. 1979. Abstract only. SFA 24(3)

71-000947 Wurtsbaugh, W. A. and Davis, G. E. EFFECTS OF TEMPERATURE AND RATION LEVEL ON THE GROWTH AND FOOD CONVERSION EFFICIENCY OF /SALMO GAIRDNERI/, RICHARDSON. *J. Fish Biol.* 11(2):87-98. Aug. 1977. SFA 23(1)

71-000948 Wurtsbaugh, W. A. and Davis, G. E. EFFECTS OF FISH SIZE AND RATION LEVEL ON THE GROWTH AND FOOD CONVERSION EFFICIENCY OF RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 11(2):99-104. Aug. 1977. SFA 23(1)

71-000949 Yingst, W. L. III and R. R. Stickney. GROWTH OF CAGED CHANNEL CATFISH FINGERLINGS REARED ON DIETS CONTAINING VARIOUS LIPIDS. *Prog. Fish-Cult.* 42(1):24-26. Jan. 1980. SFA 25(1)

71-000950 Yingst, W. L. III and R. R. Stickney. EFFECTS OF DIETARY LIPIDS ON FATTY ACID COMPOSITION OF CHANNEL CATFISH FRY. *Trans. Am. Fish. Soc.* 108(6):620-625. Nov. 1979. SFA 25(2)

71-000951 Yone, Y. and Toshima, N. THE UTILIZATION OF PHOSPHORUS IN FISH MEAL BY CARP AND BLACK SEA BREAM. *Bull. Jpn. Soc. Sci. Fish.* 45(6):753-756. June 1979. SFA 24(4)

71-000952 Yu, T. C. and Sinnhuber, R. O. EFFECT OF DIETARY OMEGA3 AND OMEGA6 FATTY ACIDS ON GROWTH AND FEED CONVERSION EFFICIENCY OF COHO SALMON (/ONCHORHYNCHUS KISUTCH/). *Aquaculture* 16(1):31-38. Jan. 1979. SFA 24(2)

71-000953 Yu, T. C.; Sinnhuber, R. O. and Putnam, G. B. USE OF SWINE FAT AS AN ENERGY SOURCE IN TROUT RATIONS. *Prog. Fish-Cult.* 39(2):95-97. Apr. 1977. SFA 22(3)

71-000954 Yurkowski, M.; Bailey, J. K.; Evans, R. E.; Tabachek, J. L.; Ayles, G. B. and Eales, J. G. ACCEPTABILITY OF RAPESEED PROTEINS IN DIETS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35(7):951-962. July 1978. In English with French summ. SFA 23(4)

TRANSPORTING FISH

71-000955 Aldrin, J. F.; Mevel, M. and Messager, J. L. ESSAI SUR LE STRESS DE TRANSPORT CHEZ LE SAUMON COHO JUVENILE (/ONCORHYNCHUS KISUTCH/). [A STUDY OF TRANSPORT STRESS IN JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/).] *Aquaculture* 17(4):279-289. Aug. 1979. In French with English summ. SFA 25(1)

71-000956 Bogdan, E. and D. Waluga. THE EFFECT OF TRANSPORT ON THE QUALITY OF EEL STOCKING MATERIAL. *Aquaculture* 20(2):139-146. June 1980. SFA 25(3)

71-000957 Coetzee, N. and Hattingh, J. EFFECTS OF SODIUM CHLORIDE ON THE FRESHWATER FISH /LABEO CAPENSIS/ DURING AND AFTER TRANSPORTATION. *Zool. Afr.* 12(1):244-247. 1977. SFA 23(1)

71-000958 Gupta, M. V. and Sharma, B. K. A NOTE ON THE TRANSPORT OF CHINESE CARP BREEDERS USING MS 222. *J. Inland Fish. Soc. India* 6:99-100. Dec. 1974. SFA 24(3)

71-000959 Hamid, S. N. and M. Mardjono. TRANSPORTING AND HOLDING MILKFISH FRY TO GET BETTER SURVIVAL RATE. *Bull. Brackishwater Aquacult. Dev. Cent. (Jepara)* 4(1-2):258-267. Jan.-July 1978. SFA 25(3)

71-000960 Hattingh, J.; Le Roux Fourie, F. and van Vuren, J. H. J. THE TRANSPORT OF FRESHWATER FISH. *J. Fish Biol.* 7(4):447-449. July 1975. SFA 22(2)

71-000961 Kulkarni, C. V. and Ogale, S. N. AIR TRANSPORT OF MAHSEER (PISCES: CYPRINIDAE) EGGS IN MOIST COTTON WOOL. *Aquaculture* 16(4):367-368. Apr. 1979. SFA 24(3)

71-000962 Long, C. W.; McComas, J. R. and Monk, B. H. USE OF SALT (NACL) WATER TO REDUCE MORTALITY OF CHINOOK SALMON SMOLTS, /ONCORHYNCHUS TSHAWYTSCHA/, DURING HANDLING AND HAULING. *Mar. Fish. Rev.* 39(7):6-9. July 1977. SFA 23(1)

71-000963 McCraren, J. P. and Jones, R. M. SUGGESTED APPROACH TO COMPUTING AND REPORTING LOADING DENSITIES FOR FISH TRANSPORT UNITS. *Prog. Fish-Cult.* 40(4):169. Oct. 1978. SFA 24(2)

71-000964 Meinz, M. IMPROVED METHOD FOR COLLECTING AND TRANSPORTING YOUNG AMERICAN SHAD. *Prog. Fish-Cult.* 40(4):150-151. Oct. 1978. SFA 24(2)

71-000965 Snow, J. R.; Brewer, D. and Wright, C. F. PLASTIC BAGS FOR SHIPPING SAC FRY OF LARGEMOUTH BASS. *Prog. Fish-Cult.* 40(1):13-14. Jan. 1978. SFA 23(2)

71-000966 Specker, J. L. and C. B. Schreck. STRESS RESPONSES TO TRANSPORTATION AND FITNESS FOR MARINE SURVIVAL IN COHO SALMON (*ONCORHYNCHUS KISUTCH*) SMOLTS. *Can. J. Fish. Aquatic Sci.* 37(5):765-769. May 1980. In English with French summ. SFA 25(3)

AQUARIUMS

71-000967 Balderston, W. L. DENITRIFICATION IN CLOSED-SYSTEM AQUACULTURE. *Ph.D. dissertation, Univ. R.I.* 140p. 1974. From Diss. Abstr. Int B Sci. Eng. 35(12), 1975. SFA 21(1).

71-000968 Dillon, C. (ed.). ZOOS AND AQUARIUMS IN THE AMERICAS 1980-1981. 256p. 1980. SFA 25(4)

71-000969 Garling, D. L., Jr. and Wilson, R. P. INEXPENSIVE CONSTANT WATER DEVICE FOR FLOW-THROUGH AQUARIUMS. *Prog. Fish-Cult.* 38(1):52-53. Jan. 1976. SFA 21(1).

71-000970 Jensen, N. J. SYSTEM OF INDIVIDUALLY TEMPERATURE-REGULATED SALTWATER AQUARIA. *Prog. Fish-Cult.* 42(3):166-168. July 1980. SFA 25(4)

71-000971 McCosker, J. E. and Anderson, M. E. AQUARIUM MAINTENANCE OF MESOPELAGIC ANIMALS: A PROGRESS REPORT. *Bull. South. Calif. Acad. Sci.* 75(2):211-219. Aug. 1976. SFA 22(2)

71-000972 Penrose, W. R. and Squires, W. R. TWO DEVICES FOR REMOVING SUPERSATURATING GASES IN AQUARIUM SYSTEMS. *Trans. Am. Fish. Soc.* 105(1):116-118. Jan. 1976. SFA 21(1).

71-000973 Prentice, E. F. and Gores, K. X. AUXILIARY AIR SYSTEM FOR USE IN LABORATORY EMERGENCIES. *Prog. Fish-Cult.* 39(2):61. Apr. 1977. SFA 22(3)

71-000974 Watters, K. W. and Prinslow, T. E. AN EMERGENCY WATER SUPPLY FOR SMALL AQUARIUM SYSTEMS. *Trans. Am. Fish. Soc.* 105(2):347-348. Mar. 1976. SFA 21(2).

MISCELLANEOUS CULTURE TECHNIQUES AND EQUIPMENT

71-000975 Allen, S. K., Jr. and Stanley, J. G. POLYPLOID MOSAICS INDUCED BY CYTOCHALASIN B IN LANDLOCKED ATLANTIC SALMON /SALMO SALAR/. *Trans. Am. Fish. Soc.* 108(5):462-466. Sept. 1979. SFA 25(1)

71-000976 Almazan, G. de J. EVALUATION OF THE SECCHI DISK AS AN INDEX OF PLANKTON DENSITY IN FISH PONDS. *Ph.D. dissertation, Auburn Univ.* 57p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8), Feb. 1978. SFA 23(3)

71-000977 Anonymous. SUSPENDED CLOTH PONDS TO HELP TROUT PRODUCTION. *Fish Farming Int.* 5(1):26-27. Mar. 1978. SFA 23(4)

71-000978 Bahner, L. H. and Nimmo, D. R. PRECISION LIVE-FEEDER FOR FLOW-THROUGH LARVAL CULTURE OR FOOD CHAIN BIOASSAYS. *Prog. Fish-Cult.* 38(1):51-52. Jan. 1976. SFA 21(1).

71-000979 Baynes, S. M.; L. Emerson and A. P. Scott. CULTURE OF ALGAE FOR LARVAL FISH AND SHELLFISH REARING. PART 3. PRODUCTION OF ALGAE FOR USE IN THE REARING OF LARVAL FISH. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 53. p. 13-18. 1979. SFA 25(2)

71-000980 Bhanot, K. K. and Vass, K. K. MASS REARING OF /DAPHNIA CARINATA/ KING IN THE FIELD. *J. Inland Fish. Soc. India* 8: 145-148. Dec. 1976. SFA 24(3)

71-000981 Blair, A. and Burgess, W. H. ROTATING, FLOATING CAGE FOR FISH CULTURE SIMPLIFIES CLEANING AND REPLACEMENT OF PANELS. *Prog. Fish-Cult.* 41(2):74-76. Apr. 1979. SFA 24(3)

71-000982 Boyd, C. E. ALUMINUM SULFATE (ALUM) FOR PRECIPITATING CLAY TURBIDITY FROM FISH PONDS. *Trans. Am. Fish. Soc.* 108(3):307-313. May 1979. SFA 24(4)

71-000983 Boyd, C. E. and Tucker, C. S. EMERGENCY AERATON OF FISH PONDS. *Trans. Am. Fish. Soc.* 108(3):299-306. May 1979. SFA 24(4)

71-000984 Boyd, C. E. DETERMINATION OF TOTAL AMMONIA NITROGEN AND CHEMICAL OXYGEN DEMAND IN FISH CULTURE SYSTEMS. *Trans. Am. Fish. Soc.* 108(3):314-319. May 1979. SFA 24(4)

71-000985 Buynak G. L. and H. W. Mohr, Jr. COLLAPSIBLE FISH-HOLDING CAGE. *Prog. Fish-Cult.* 42(1):41-42. Jan. 1980. SFA 25(1)

71-000986 Buyukhatipoglu, S. and Holtz, W. PRESERVATION OF TROUT SPERM IN LIQUID OR FROZEN STATE. *Aquaculture* 14(1):49-56. May 1978. SFA 23(4)

71-000987 Carmignani, G. M. and Bennett, J. P. RAPID START-UP OF A BIOLOGICAL FILTER IN A CLOSED AQUACULTURE SYSTEM. *Aquaculture* 11(1):85-88. May 1977. SFA 22(4)

71-000988 Chervinski, J. THE USE OF COARSE TABLE SALT IN ACCLIMATIZATION OF /LIZA AURATA/ (RISSO) AND /CHELON LABROSUS/ (RISSO) (=/MUGIL CHELO/) TO FRESH WATER. *Bamidgeh* 30(1):23-24. Mar. 1978. SFA 23(3)

71-000989 Choubert, G., Jr. TENTATIVE UTILIZATION OF SPIRULIN ALGAE AS A SOURCE OF CAROTENOID PIGMENTS FOR RAINBOW TROUT. *Aquaculture* 18(2):135-143. Oct. 1979. SFA 25(1)

71-000990 Chung, K. S. COLD ANAETHESIA OF TROPICAL FISH. *Bull. Jpn. Soc. Sci. Fish.* 46(3):391. Feb. 1980. SFA 25(3)

71-000991 Coleman, D. E. CHAMBER FOR CULTURING MICROORGANISMS. *Prog. Fish-Cult.* 41(2):110. Apr. 1979. SFA 24(3)

71-000992 Cripe, C. R. and Stokes, B. E. DEVICE TO DETECT POTENTIALLY DANGEROUIS ELECTRICAL CURRENTS IN SALTWATER HOLDING TANKS. *Prog. Fish-Cult.* 40(2):74-75. Apr. 1978. SFA 23(3)

71-000993 Crunkilton, R. and LeGrande, W. LOW-COST, LARGE-VOLUME AIR SUPPLY FOR EXPERIMENTAL TANKS. *Prog. Fish-Cult.* 40(2):75-76. Apr. 1978. SFA 23(3)

71-000994 Dokukin, M. M. [APPLICATION OF CENTRIFUGAL FISH PUMPS IN FISH BREEDING.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:43-46. 1975[1977]. In Russian. SFA 24(4)

71-000995 Dushkina, L. A. VIABILITY OF HERRING (/CLUPEA/) EGGS AND FERTILIZING CAPACITY OF HERRING SPERM STORED UNDER VARIOUS CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):423-429. 1975. SFA 21(4)

71-000996 Fagerlund, U. H. M.; McBride, J. R. and Stone, E. T. A TEST OF 17 ALPHA-METHYLTESTOSTERONE AS A GROWTH PROMOTER IN A COHO SALMON HATCHERY. *Trans. Am. Fish. Soc.* 108(5):467-472. Sept. 1979. SFA 25(1)

71-000997 Gale, W. F. MINIATURE AQUARIUM SYSTEM FOR REARING SMALL NUMBERS OF FISH LARVAE. *Prog. Fish-Cult.* 39(1):10-13. Jan. 1977. SFA 22(2)

71-000998 Gasaway, R. D. and Drda, T. F. EFFECTS OF GRASS CARP INTRODUCTION ON MACROPHYTIC VEGETATION AND CHLOROPHYLL CONTENT OF PHYTOPLANKTON IN FOUR FLORIDA LAKES. *Fla. Sci.* 41 (2): 101-109. 1978. SFA 23(4)

71-000999 Geving, S. A. and Bathel, D. D. EFFICIENT TOOL FOR SEPARATING LIVE SALMONID SAC FRY FROM DEAD EGGS AND FRY. *Prog. Fish-Cult.* 47(4):195. Oct. 1979. SFA 25(1)

71-001000 Goetz, F. W.; Hunter, G. A.; Dye, H. M. and Donaldson, E. M. EFFECTS OF ESTRADIOL-17 ALPHA-METHYLTESTOSTERONE ON GONADAL DIFFERENTIATION IN THE CHO SALMON, /ONCORHYNCHUS KISUTCH/. *Aquaculture* 17(4):267-278. Aug. 1979. SFA 25(1)

71-001001 Halligan, B. J. and Eaton, J. G. SURVIVAL AND REPRODUCTION OF /GAMMARUS LACUSTRIS/ AND /G. PSEUDOLIMNAEUS/ UNDER TWO EXPERIMENTAL CONDITIONS. *Prog. Fish-Cult.* 40 (2): 59-62. Apr. 1978. SFA 23(3)

71-001002 Harris, L. E. NITRIFYING BACTERIAL SUBSTRATES FOR HATCHERY WATER RE-USE. *Colo. Div. Wildl. Spec. Rep.* no. 40. 29p. Feb. 1977. SFA 22(3)

71-001003 Helm, M. M.; I. Laing and E. Jones. CULTURE OF ALGAE FOR LARVAL FISH AND SHELLFISH REARING. PART 1. THE DEVELOPMENT OF A 200 L. ALGAL CULTURE VESSEL AT CONWY. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 53. p. 1-7. 1979. SFA 25(2)

71-001004 Holland, L. E. and G. S. Libey. INEXPENSIVE EGG-HATCHING JAR. *Prog. Fish-Cult.* 42(2):112. Apr. 1980. SFA 25(3)

71-001005 Huguenin, J. E. HEAT EXCHANGERS FOR USE IN THE CULTURING OF MARINE ORGANISMS. *Chesapeake Sci.* 17(1):61-64. Mar. 1976. SFA 21(2).

71-001006 Hulata, G. and Rothbard, S. COLD STORAGE OF CARP SEMEN FOR SHORT PERIODS. *Aquaculture* 16(3):267-269. Mar. 1979. SFA 24(3)

71-001007 Huner, J. V. and Avault, J. W., Jr. SEQUENTIAL POND FLOODING: A PROSPECTIVE MANAGEMENT TECHNIQUE FOR EXTENDED PRODUCTION OF BAIT-SIZE CRAWFISH. *Trans. Am. Fish. Soc.* 105(5):637-642. Sept. 1976. SFA 21(4).

71-001008 Jones, B. C. and Geen, G. H. FORCE-FEEDER FOR LARGE FISHES. *Prog. Fish-Cult.* 38(4):213. Oct. 1976. SFA 21(4).

71-001009 Khoo, K. H. STIMULATION OF OVARIAN MATURATION IN FISH BY SUSTAINED HORMONE PREPARATIONS. *Aquaculture* 20(3):275-280. July 1980. SFA 25(4)

71-001010 Kincaid. H. L.; Bridges, W. R. and Von Limbach, B. REARING SYSTEM FOR SMALL GROUPS OF EXPERIMENTAL FISH. *Prog. Fish-Cult.* 38(1):8-10. Jan. 1976. SFA 21(1).

71-001011 Kuchnow, K. P. and Foster, R. S. IV. THERMAL TOLERANCE OF STORED /FUNDULUS HETEROCLITUS/ GAMETES: FERTILIZABILITY AND SURVIVAL OF EMBRYOS. *J. Fish. Res. Board Can.* 33(4,1):676-680. Apr. 1976. In English with French summ. SFA 21(2).

71-001012 Laing, I. CULTURE OF ALGAE FOR LARVAL FISH AND SHELLFISH REARING Part II. RECOMMENDED PROCEDURES FOR THE CULTURE OF *CHAETOCEROS CALCITRANS*. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 53. p. 8-12. 1979. SFA 25(2)

71-001013 Lemon, D. W. and Regier, L. W. HOLDING OF ATLANTIC MACKEREL (/SCOMBER SCOMBRUS/) IN REFRIGERATED SEA WATER. *J. Fish. Res. Board Can.* 34 (3): 439-443. Mar. 1977. In English with French summ. SFA 22(3)

71-001014 Mandal, B. K. and C. E. Boyd. REDUCTION OF pH IN WATERS WITH HIGH TOTAL ALKALINITY AND LOW TOTAL HARDNESS. *Prog. Fish-Cult.* 42(3):183-185. July 1980. SFA 25(4)

71-001015 Maniwa, Y. [APPLICATION OF UNDERWATER ACOUSTICS TO AQUACULTURE.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:51-62. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-001016 Marking, L. L. and Piper, R. G. CARBON FILTER FOR REMOVING THERAPEUTANTS FROM HATCHERY WATER. *Prog. Fish-Cult.* 38(2):69-72. Apr. 1976. SFA 21(3).

71-001017 Martini, F. H. EFFECTS OF CAPTURE AND FASTING CONFINEMENT ON AN ELASMOBRANCH, /SQUALUS ACANTHIAS/. *Ph.D. dissertation, Cornell Univ.* 114p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(4).

71-001018 Martini, F. H. EFFECTS OF CAPTURE AND FASTING CONFINEMENT ON AN ELASMOBRANCH, /SQUALUS ACANTHIAS/. *Ph.D. dissertation, Cornell Univ.* 114p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-001019 McConnell, W. J. and Jackson, U. T. A METHOD FOR PRECALIBRATING RE-OXYGENATION RATES IN EXPERIMENTAL CONTAINERS. *Trans. Am. Fish. Soc.* 105(2):343-346. Mar. 1976. SFA 21(2).

71-001020 McCraren, J. P.; Millard, J. L. and Woolven, A. M. MASOTEN (DYLOX) AS A CONTROL FOR CLAM SHRIMP IN HATCHERY PRODUCTION PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:329-331. 1977[1979]. SFA 24(4)

71-001021 Mighell, J. L. DEVICE FOR RAPID SEPARATION AND REMOVAL OF DEAD SALMON EGGS. *Prog. Fish-Cult.* 39(3):151-152. July 1977. SFA 22(4)

71-001022 Mitchell, R. E. and Kirby, A. M., Jr. PERFORMANCE CHARACTERISTICS OF POND AERATION DEVICES. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:561-581. 1976. SFA 22(4)

71-001023 Muir, J. F. HOW FILTERS IMPROVE WATER QUALITY FOR FISH FARMERS. *Fish Farming Int.* 3(3):35-38. Sept. 1976.

71-001024 Nagel, T. TECHNIQUE FOR COLLECTING NEWLY HATCHED FATHEAD MINNOW FRY. *Prog. Fish-Cult.* 38(3):137. July 1976. SFA 21(4)

71-001025 Nelson, S. G.; Andersen, A. C.; Momeni, M. H. and Yeo, R. R. ATTEMPTED STERILIZATION OF SEXUALLY UNDIFFERENTIATED FRY OF /TILAPIA ZILLII/ BY ^{60}COBALT GAMMA-RAY IRRADIATION. *Prog. Fish-Cult.* 38(3):131-134. July 1976. SFA 21(4)

71-001026 Parker, N. C. and G. A. Jackson. EXTERNAL STANDPIPE DRAIN SYSTEM FOR FISH TANKS. *Prog. Fish-Cult.* 42(1):53-54. Jan. 1980. SFA 25(1)

71-001027 Paulsen, C. L. APPARATUS FOR COLLECTION AND SEPARATION OF INVERTEBRATE ORGANISMS FROM A POND, FOR USE AS FISH FOOD. *Prog. Fish-Cult.* 39(2):101-102. Apr. 1977. SFA 22(3)

71-001028 Plichta, E. H. and Pratschner, G. A. CLEANING RACEWAYS WITH A CONCRETE GRINDER. *Prog. Fish-Cult.* 41(3):140-141. July 1979. SFA 25(1)

71-001029 Ribakoff, S. and Pelton, C. SOLID-STATE ENVIRONMENTAL CONTROLLER FOR AQUACULTURE SYSTEMS (SECAS). *Prog. Fish-Cult.* 39(3):109-111. July 1977. SFA 22(4)

71-001030 Robinson, T. THE MICROCOMPUTER AS A TOOL OF FISH CULTURE. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:97-98. 1980. SFA 25(4)

71-001031 Rottmann, R. W. and Anderson, R. O. LIMNOLOGICAL AND ECOLOGICAL EFFECTS OF GRASS CARP IN PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:24-39. 1976[1978]. SFA 24(1)

71-001032 Saha, C. and Gopalakrishnan, V. CONSTRUCTION OF FISH PONDS. *J. Inland Fish. Soc. India* 6:122-130. Dec. 1974. SFA 24(3)

71-001033 Seeger, P.; Thorsson, R.; Larsson, B. and Ronningen, K. ACCURACY AND PRECISION WHEN SAMPLING FROM FISH TROUGHS. *Aquaculture* 10(4):365-371. Apr. 1977. SFA 22(4)

71-001034 Seegert, G. L. and Brooks, A. S. DECHLORINATION OF WATER FOR FISH CULTURE: COMPARISON OF THE ACTIVATED CARBON, SULFITE REDUCTION, AND PHOTOCHEMICAL METHODS. *J. Fish. Res. Board Can.* 35(1):88-92. Jan. 1978. In English with French summ. SFA 23(2)

71-001035 Shafland, P. L.; Davis, J. W. and Koehl, D. H. METHOD FOR COLLECTING ZOOPLANKTON FOR FEEDING LARVAL FISHES. *Prog. Fish-Cult.* 47(4):204-205. Oct. 1979. SFA 25(1)

71-001036 Sinha, V. R. P. A SIMPLE METHOD OF FRACTIONATION OF FISH PITUITARY GONADOTROPIN. *J. Inland Fish. Soc. India* 6:150-154. Dec. 1974. SFA 24(3)

71-001037 Sorgeloos, P.; Bossuyt, E.; Lavina, E.; Baeza-Mesa, M. and Persoone, G. DECAPSULATION OF /ARTEMIA/ CYSTS: A SIMPLE TECHNIQUE FOR THE IMPROVEMENT OF THE USE OF BRINE SHRIMP IN AQUACULTURE. *Aquaculture* 12(4):311-315. Dec. 1977. SFA 23(2)

71-001038 Spanier, E. EXPERIMENTS IN REPELLING NIGHT HERONS FROM FISH PONDS BY THE USE OF DISTRESS CALLS. *Proc. Sci. Conf. Isr. Ecol. Soc.* 10:C1-C18. June 1979. SFA 25(1)

71-001039 Stine, P. A. HATCHERY ALARM SYSTEM TO PROTECT AGAINST CATASTROPHIC EGG OR FISH KILLS. *Prog. Fish-Cult.* 40(4):167-168. Oct. 1978. SFA 24(2)

71-001040 Svensson, K. M. ROTATOR FOR PROTECTING CIRCULAR FISH PONDS AGAINST PREDATORY BIRDS. *Prog. Fish-Cult.* 38(3):152-154. July 1976. SFA 21(4)

71-001041 Theis, G. L. and Sears, F. W. MODIFIED "MORTON" FISH GRADER. *Prog. Fish-Cult.* 38(4):202-203. Oct. 1976. SFA 21(4).

71-001042 Theis, G. L. MOTORIZED CROWDING SYSTEM FOR HATCHERY RACEWAYS. *Prog. Fish-Cult.* 38(1):46-47. Jan. 1976. SFA 21(1).

71-001043 Theis, G. L. TRANSFER OF HATCHERY FISH THROUGH A SEMIPERMANENT IRRIGATION PIPE SYSTEM. *Prog. Fish-Cult.* 40(2):76-77. Apr. 1978. SFA 23(3)

71-001044 Theis, G. L. WATER-POWERED FISH-CROWDING SCREEN AND RACEWAY CLEANER. *Prog. Fish-Cult.* 39(2):86-87. Apr. 1977. SFA 22(3)

71-001045 Whittingham, D. G. and Rosenthal, H. ATTEMPTS TO PRESERVE HERRING EMBRYOS AT SUBZERO TEMPERATURES. *Arch. Fischereiwiss.* 29(1/2):75-79. June 1978. In English with German summ. SFA 23(4)

71-001046 Withler, F. C. CHILLED AND CRYOGENIC STORAGE OF GAMETES OF THAI CARPS AND CATFISHES. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 948. iii + 15p. June 1980. In English with French summ. SFA 25(3)

71-001047 Yamamoto, K. [ENDOCRINOLOGICAL STUDIES RELATED TO ARTIFICIAL PROPAGATION OF FISH.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:13-29. 1972[1977]. In Japanese with English summ. SFA 24(4)

ENVIRONMENTAL ISSUES, GENERAL AND MISC.

71-001048 Armour, C. L. HOW THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) CAN BE THWARTED--POSSIBLE CORRECTIVE MEASURES. *Fisheries (Bull. Am. Fish. Soc.)* 2(4):14-17. July-Aug. 1977. SFA 23(1)

71-001049 Graves, F. M.; Bretsch, H. P.; Glover, F. A.; Miller, C. A. and Berger, M. E. ENERGY, PUBLIC CHOICES AND ENVIRONMENTAL DATA NEEDS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/04. 126p. Mar. 1977. SFA 23(1)

GENERAL LIMNOLOGY AND OCEANOGRAPHY

71-001050 Alexander, V.; Burrell, D. C.; Chang, J.; Cooney, R. T.; Crane, J. J.; Dygas, J. A.; Hall, G. E.; Kinney, P. J.; Kogl, D.; Mowatt, T. C.; Naidu, A. S.; Osterkamp, T. E.; Schell, D. M.; Seifert, R. D. and Tucker, R. W. ENVIRONMENTAL STUDIES OF AN ARCTIC ESTURAINE SYSTEM--FINAL REPORT. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3075-026. ix + 536p. June 1975. SFA 21(1).

71-001051 Anderson, R. S. and Green, R. B. LIMNOLOGICAL AND PLANKTONIC STUDIES IN THE WATERTON LAKES, ALBERTA. *Can. Wildl. Serv. Occas. Pap.* No. 27: 41p. 1976. In English with French summ. SFA 21(4).

71-001052 Baker, J. R.; Deacon, J. E.; Burke, T. A.; Egdorf, S. S.; Paulson, L. J. and Tew, R. W. LIMNOLOGICAL ASPECTS OF LAKE MEAD, NEVADA-ARIZONA. *U.S. Dep. Interior Bur. Reclam.* REC-ERC-77-9. v + 83p. June 1977. SFA 24(1)

71-001053 Barnes, H., (ed.). OCEANOGRAPHY AND MARINE BIOLOGY. AN ANNUAL REVIEW. *Aberdeen Univ. Press, Aberdeen, Scotland* Vol. 16. 380p. 1978. SFA 24(1)

71-001054 Boland, D. H. P. TROPHIC CLASSIFICATION OF LAKES USING LANDSAT-1 (ERTS-1) MULTISPECTRAL SCANNER DATA. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-037. xviii + 245p. Apr. 1976. SFA 21(2).

71-001055 Burns, N. M. TEMPERATURE, OXYGEN, AND NUTRIENT DISTRIBUTION PATTERNS IN LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):485-511. Mar. 1976. In English with French summ. SFA 21(1).

71-001056 Burns, N. M.; Jaquet, J.-M.; Kemp, A. L. W.; Lam, D. C. L.; Leach, J. H.; Munawar, M.; Simons, T. J.; Sly, P. G.; Thomas, R. L.; Watson, N. H. F. and Williams, J. D. H. PROCESSES WITHIN LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):639-643. Mar. 1976. In English with French summ. SFA 21(1).

71-001057 Campbell, N. J. AN HISTORICAL SKETCH OF PHYSICAL OCEANOGRAPHY IN CANADA. *J. Fish. Res. Board Can.* 33 (10): 2155-2167. Oct. 1976. In English with French summ. SFA 21(4)

71-001058 Carlson, J. B. and G. E. Ahlgren. A TECHNIQUE FOR COLLECTING WATER SAMPLES UNDER EXTREME WINTER CONDITIONS. *J. Minn. Acad. Sci.* 46(1):16-17. 1980. SFA 25(4)

71-001059 Dell, R. K. POST-WAR DEVELOPMENTS IN NEW ZEALAND OCEANOGRAPHY: A PERSONEL VIEW. *N. Z. J. Mar. Freshwater Res.* 10 (1): 1-14. Mar. 1976. SFA 21(3).

71-001060 Dieffenbach, W. and Ryck, F., Jr. WATER QUALITY SURVEY OF THE ELK, JAMES AND SPRING RIVER BASINS OF MISSOURI, 1964-1965. *Mo. Dep. Conserv. Aquatic Ser.* No. 15. 25p. Mar. 1976. SFA 22(3)

71-001061 Eidt, D. C. and Meating, J. H. METHOD FOR INCUBATING LEAF TISSUE TO STUDY DECOMPOSITION IN STREAMS. *J. Fish. Res. Board Can.* 35 (2): 247-248. Feb. 1978. In English with French summ. SFA 23(2)

71-001062 Falter, C. M.; Leonard, J. M.; Skille, J. M.; Stowell, F. M.; Lingg, A. J.; Berry Martin, S. J. and Hersman, L. G. EARLY LIMNOLOGY OF DWORSHAK RESERVOIR. *U.S. Army Corps Eng. Walla Walla Dist. Rep.* 313p. 1979. SFA 24(4)

71-001063 Farquhar, G. B. BIOLOGICAL SOUND SCATTERING IN THE OCEANS: A REVIEW. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):73. 1976. Abstract only. SFA 21(1).

71-001064 Gaufin, A. R.; Prescott, G. W. and Tibbs, J. F. LIMNOLOGICAL STUDIES OF FLATHEAD LAKE MONTANA: A STATUS REPORT. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-039. vii + 85p. Apr. 1976. SFA 21(2).

71-001065 Holiday, D. V. IMPACT OF MODERN ACOUSTIC TECHNOLOGY ON THE SCIENTIFIC ASSESSMENT OF MARINE LIFE. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):74. 1976. Abstract only. SFA 21(1).

71-001066 Huntsinger, K. R. and Maslin, P. E. A LIMNOLOGICAL COMPARISON OF THE THREE BASINS OF EAGLE LAKE, CALIFORNIA. *Calif. Fish Game* 62 (4): 232-245. Oct. 1976. SFA 21(4).

71-001067 Jenkins, S. H., ed. EUTROPHICATION OF DEEP LAKES. *Prog. Water Technol.* 12(2):1-199. 1980. SFA 25(3)

71-001068 Jonasson, P. M., (ed.). ECOLOGY OF EUTROPHIC, SUBARCTIC LAKE MYVATN AND THE RIVER LAXA. *Oikos* 32(1/2):1-308. 1979. SFA 25(1)

71-001069 LaBounty, J. F. and J. J. Sartoris. THE EFFECTS OF DROUGHT VERSUS WET YEARS ON THE LIMNOLOGY OF LAKES AND RESERVOIRS IN COLORADO AND WYOMING. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:99. 1980. ABstract only. SFA 25(4)

71-001070 LaBounty, J. F.; Sartoris, J. J. and Roline, R. A. LIMNOLOGY OF THE UPPER NORTH PLATTE RIVER SYSTEM OF WYOMING: 1977 REPORT OF FINDINGS. *U.S. Dep. Interior Bur. Reclam.* GR-78-1. iv + 64p. July 1978. SFA 24(4)

71-001071 LaBounty, J. F.; Sartoris, J. J. and Roline, R. A. LIMNOLOGICAL RECONNAISSANCE OF SEMINOE RESERVOIR, WYOMING. *U.S. Bur. Reclam. Eng. Res. Cent. Rep.* No. GR-2-77. vii + 48p. Dec. 1976. SFA 22(3)

71-001072 Lynch, M. and Shapiro, J. APPARENT VS. NON-APPARENT EUTROPHICATION--THE IMPORTANCE OF FISH PREDATION. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-001073 Mann, C. R. PHYSICAL OCEANOGRAPHY IN CANADA. *J. Fish. Res. Board Can.* 33 (6): 1411-1433. June 1976. In English with French summ. SFA 21(2).

71-001074 Meyerhoff, R. D.; Larson, G. L. and Davis, G. E. PALEOLIMNOLOGY AND PRODUCTIVITY OF THREE OREGON LAKES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 358. July 1977. SFA 23(3)

71-001075 Neaves, P. I. LITTER FALL, EXPORT, DECOMPOSITION, AND RETENTION IN CARNATION CREEK, VANCOUVER ISLAND. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 809. vii + 45p. Sept. 1978. In English with French summ. SFA 24(2)

71-001076 Pennak, R. W. TROPHIC VARIABLES IN ROCKY MOUNTAIN TROUT STREAMS. *Arch. Hydrobiol.* 80(3):253-285. 1977. SFA 23(2)

71-001077 Pieper, R. E. USE OF ECHO SOUNDERS OPERATED AT HIGH ACOUSTIC FREQUENCIES IN THE MARINE ENVIRONMENT AND SOME COMPARISONS WITH OCEANOGRAPHIC PATAMETERS. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):73. 1976. Abstract only. SFA 21(1).

71-001078 Qasim, S. Z. OCEANOGRAPHIC RESEARCH IN INDIA--PAST, PRESENT AND FUTURE. *J. Bombay Nat. Hist. Soc.* 75(3):661-667. Dec. 1978. SFA 25(2)

71-001079 Rada, R. G. AN INVESTIGATION INTO THE TROPHIC STATUS OF CANYON FERRY RESERVOIR, MONTANA. *Ph.D. dissertation, Mont. State Univ.* 139p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-001080 Rast, W. and Lee, G. F. SUMMARY ANALYSIS OF THE NORTH AMERICAN (US PORTION) OECD EUTROPHICATION PROJECT: NUTRIENT LOADING-LAKE RESPONSE RELATIONSHIPS AND TROPHIC STATE INDICES. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-008. xxi + 455p. Jan. 1978. SFA 24(4)

71-001081 Samuelson, D. F. WATER QUALITY: WESTERN FISH TOXICOLOGY STATION AND WESTERN OREGON RIVERS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-077. Sept. 1976. SFA 23(3)

71-001082 Sanville, W. D.; Gahler, A. R.; Searcy, J. A. and Powers, C. F. STUDIES ON LAKE RESTORATION BY PHOSPHORUS INACTIVATION. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-041. vi + 47p. Apr. 1976. SFA 21(2).

71-001083 Sartoris, J. J. and J. F. LaBounty. LIMNOLOGY OF THE NORTH PLATTE RESERVOIR SYSTEM, WYOMING. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:97. 1980. SFA 25(4)

71-001084 Sartoris, J. J.; LaBounty, J. F. and Newkirk, H. D. HISTORICAL, PHYSICAL, AND CHEMICAL LIMNOLOGY OF TWIN LAKES, COLORADO. *U.S. Dep. Interior Bur. Reclam. Eng. Res. Cent. Rep.* No. REC-ERC-77-13. iii + 86p. Sept. 1977. SFA 23(4)

71-001085 Scavia, D. and J. R. Bennett. SPRING TRANSITION PERIOD IN LAKE ONTARIO--A NUMERICAL STUDY OF THE CAUSES OF THE LARGE BIOLOGICAL AND CHEMICAL GRADIENTS. *Can. J. Fish. Aquatic Sci.* 37(5):823-833. May 1980. In English with French summ. SFA 25(3)

71-001086 Schelske, C. L. ROLE OF PHOSPHORUS IN GREAT LAKES EUTROPHICATION: IS THERE A CONTROVERSY? *J. Fish. Res. Board Can.* 36(3):286-288. Mar. 1979. In English with French summ. SFA 24(3)

71-001087 Schindler, D. W.; Newbury, R. W.; Beaty, K. G. and Campbell, P. NATURAL WATER AND CHEMICAL BUDGETS FOR A SMALL PRECAMBRIAN LAKE BASIN IN CENTRAL CANADA. *J. Fish. Res. Board Can.* 33 (11): 2526-2543. Nov. 1976. In English with French summ. SFA 21(4).

71-001088 Schroeder, M. H.; Norton, V. C. and Fronk, D. BIOLOGICAL COMPARISONS OF TWO SMALL STREAMS IN SAGEBRUSH RANGELANDS OF WYOMING. 1) PHYSICAL CONSIDERATIONS 2) THE ALGAL FLORA 3) THE INSECT FAUNA. *J. Colo.-Wyo. Acad. Sci.* 9 (1): 24. Apr. 1977. SFA 22(4)

71-001089 Serruya, C., (ed.). LAKE KINNERET. *Monogr. Biol.* 32. xii + 501p. 1978. SFA 24(3)

71-001090 Shearer, J. A. TWO DEVICES FOR OBTAINING WATER SAMPLES INTEGRATED OVER DEPTH. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 772. iv + 9p. July 1978. In English with French summ. SFA 24(1)

71-001091 Short, R. A. and J. V. Ward. LEAF LITTER PROCESSING IN A REGULATED ROCKY MOUNTAIN STREAM. *Can. J. Fish. Aquatic Sci.* 37(1):123-127. Jan. 1980. In English with French summ. SFA 25(2)

71-001092 Sly, P. G. LAKE ERIE AND ITS BASIN. *J. Fish. Res. Board Can.* 33(3):355-370. Mar. 1976. In English with French summ. SFA 21(1).

71-001093 Stockner, J. G. and Shortreed, K. S. LIMNOLOGICAL STUDIES OF 13 SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) NURSERY LAKES IN BRITISH COLUMBIA, CANADA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 865. iv + 125p. Feb. 1979. In English with French summ. SFA 25(1)

71-001094 Taylor, W. W. THE ZOOPLANKTON, ZOOBENTHOS, AND BROOK SILVERSIDE FOOD IN MONCOVE LAKE, WEST VIRGINIA. *M.S. thesis, W. Va. Univ., Morgantown* viii + 116p. 1975. SFA 21(1).

71-001095 Unesco. MARINE SCIENCES IN THE GULF AREA. *Unesco Tech. Pap. Mar. Sci.* 26. 66p. 1976. SFA 21(4).

71-001096 Unesco. SEVENTH REPORT OF THE JOINT PANEL ON OCEANOGRAPHIC TABLES AND STANDARDS. *Unesco Tech. Pap. Mar. Sci.* 24. 61p. 1976. SFA 21(4).

71-001097 Uttormark, P. D. and Wall, J. P. LAKE CLASSIFICATION--A TROPHIC CHARACTERIZATION OF WISCONSIN LAKES. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-033. vi + 165p. June 1975. SFA 21(1).

71-001098 Vallentyne, J. R. FACING THE LONG TERM: AN INQUIRY INTO OPPORTUNITIES TO IMPROVE THE CLIMATE FOR RESEARCH WITH REFERENCE TO LIMNOLOGY IN CANADA. *J. Fish. Res. Board Can.* 35 (3): 350-369. Mar. 1978. In English with French summ. SFA 23(2)

71-001099 Vannote, R. L.; G. W. Minshall; K. W. Cummins; J. R. Sedell and C. E. Cushing. THE RIVER CONTINUUM CONCEPT. *Can. J. Fish. Aquatic Sci.* 37(1):130-137. Jan. 1980. In English with French summ. SFA 25(2)

71-001100 Watson, J., (ed.). SPECIAL ISSUE ON THE EXPERIMENTAL LAKES AREA. *Can. J. Fish. Aquatic Sci.* 37(3):311-558. Mar. 1980. SFA 25(2)

PHYSICAL LIMNOLOGY AND OCEANOGRAPHY

71-001101 Brady, D. K. ARE THE CHESAPEAKE BAY WATERS WARMING UP? *Chesapeake Sci.* 17 (3): 225-227. Sept. 1976. SFA 21(3).

71-001102 Brezonik, P. L. EFFECT ON ORGANIC COLOR AND TURBIDITY ON SECCHI DISK TRANSPARENCY. *J. Fish. Res. Board Can.* 35 (11): 1410-1416. Nov. 1978. In English with French summ. SFA 24(1)

71-001103 Burkhalter, D. E. THERMAL AND HYDRAULIC CHARACTERISTICS OF A GEOTHERMALLY INFLUENCED TROUT STREAM: THE FIREHOLE RIVER OF YELLOWSTONE NATIONAL PARK. *Ph.D. dissertation, Mont. State Univ.* 96p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5141. May 1980. SFA 25(3)

71-001104 Cook, S. K. and Crist, R. W. ESTIMATES OF BOTTOM TEMPERATURE FROM FISH CAPTURED IN LOBSTER TRAPS. *Mar. Fish. Rev.* 41(8):23-25. Aug. 1979. SFA 25(1)

71-001105 El-Sabh, M. I. SURFACE CIRCULATION PATTERN IN THE GULF OF ST. LAWRENCE. *J. Fish. Res. Board Can.* 33(1):124-138. Jan. 1976. In English with French summ. SFA 21(1).

71-001106 Garrett, C. J. R. and Loucks, R. H. UPWELLING ALONG THE YARMOUTH SHORE OF NOVA SCOTIA. *J. Fish. Res. Board Can.* 33(1):116-117. Jan. 1976. In English with French summ. SFA 21(1).

71-001107 Ingraham, W. J., Jr. and Hastings, J. R. SEASONAL SURFACE CURRENTS OFF THE COASTS OF VANCOUVER ISLAND AND WASHINGTON AS SHOWN BY DRIFT BOTTLE EXPERIMENTS, 1964-65. *NOAA Tech. Rep. NMFS SSRF* 699. iii + 9p. May 1976. SFA 21(1).

71-001108 Kirchner, W. B. AN EVALUATION OF SEDIMENT TRAP METHODOLOGY. *Limnol. Oceanogr.* 20(4):657-660. July 1975. SFA 21(1).

71-001109 Kranck, K. VARIABILITY OF PARTICULATE MATTER IN A SMALL COASTAL INLET. *Can. J. Fish. Aquatic Sci.* 37(8):1209-1215. Aug. 1980. In English with French summ. SFA 25(4)

71-001110 Lane, E. D. and R. G. Newstead. THREE-DIMENSIONAL COMPUTER MAPPING OF LAKES. *Prog. Fish-Cult.* 42(3):136-137. July 1980. SFA 25(4)

71-001111 Leslie, J. K. and R. V. Leslie. A VERSATILE LOW-COST CURRENT METER FOR THE HYDROBIOLOGIST. *Can. Dep. Fish. Oceans Tech. Rep.* No. 926. v + 8p. May 1980. In English with French summ. SFA 25(3)

71-001112 Lotspeich, F. B. and B. H. Reid. TRI-TUBE FREEZE-CORE PROCEDURE FOR SAMPLING STREAM GRAVELS. *Prog. Fish-Cult.* 42(2):96-99. Apr. 1980. SFA 25(3)

71-001113 Murty, T. S. SEISMIC SEA WAVES: TSUNAMIS. *Bull. Fish. Res. Board Can.* 198. ix + 337p. 1977. In English with French summ. SFA 23(2)

71-001114 Noble, R. D. PREDICTION OF NATURAL TEMPERATURES IN RIVERS. *Ph.D. dissertation, Univ. Calif. (Davis)* 239 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-001115 Ochalek, R. M. THERMAL BUDGETS, STABILITY OF STRATIFICATION, AND WORK OF THE WIND IN A SMALL WEST VIRGINIA RESERVOIR. *Proc. W. Va. Acad. Sci.* 48(1):22. 1976. Abstract only. SFA 21(2).

71-001116 Ondok, J. P. PHYTOPLANKTON PRODUCTION IN A EUTROPHIC FISHPOND. I. SHORTWAVE RADIATION REGIME IN THE WATER. *Arch. Hydrobiol. Supplementb.* 49(3):361-376. Oct. 1976. SFA 22(1)

71-001117 Pond, S. NUMERICAL MODELING OF OCEAN CIRCULATIONS. *J. Fish. Res. Board Can.* 33 (6): 1434-1450. June 1976. In English with French summ. SFA 21(2).

71-001118 Simmons, D. B. THE GEOMORPHIC AND HYDRAULIC RESPONSE OF RIVERS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40: 209-219. 1975. SFA 22(2)

71-001119 Simons, T. J. CIRCULATION MODELS OF LAKES AND INLAND SEAS. *Can. Bull. Fish. Aquatic Sci.* 203. viii + 146p. 1980. SFA 25(3)

71-001120 Simons, T. J. CONTINUOUS DYNAMICAL COMPUTATIONS OF WATER TRANSPORTS IN LAKE ERIE FOR 1970. *J. Fish. Res. Board Can.* 33(3):371-384. Mar. 1976. In English with French summ. SFA 21(1).

71-001121 Sutcliffe, W. H., Jr.; Loucks, R. H. and Drinkwater, K. F. COASTAL CIRCULATION AND PHYSICAL OCEANOGRAPHY OF THE SCOTION SHELF AND THE GULF OF MAINE. *J. Fish. Res. Board Can.* 33(1):98-115. Jan. 1976. In English with French summ. SFA 21(1).

71-001122 Thomas, R. L.; Jaquet, J.-M.; Kemp, A. L. W. and Lewis, C. F. M. SURFICIAL SEDIMENTS OF LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):385-403. Mar. 1976. In English with French summ. SFA 21(1).

71-001123 Thomas, R. L.; Jaquet, J.-M.; Kemp, A. L. W. and Lewis, C. F. M. SURFICIAL SEDIMENTS OF LAKE ERIE. *J. Fish. Res. Board Can.* 33 (3): 385-403. Mar. 1976. In English with French summ. SFA 21(4).

71-001124 Tucker, W. A. THERMAL STRUCTURE OF LAKES. *Ph.D. dissertation, Univ. Mich.* 175 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-001125 Ulanowicz, R. E. MODELING THE CHESAPEAKE BAY AND TRIBUTARIES: A SYNOPSIS. *Chesapeake Sci.* 17(2):114-122. June 1976. SFA 21(2).

71-001126 Volohonsky, H.; E. Shmain and S. Serruya. LAKE KINNERET WATER BIOTOPES: A MATHEMATICAL MODEL OF THERMAL STRATIFICATION FOR ECOLOGICAL PURPOSES. *Ecol. Model.* 9(2):91-120. Mar. 1980. SFA 25(2)

71-001127 Williams, J. D. H. and Pashley, A. E. LIGHTWEIGHT CORER DESIGNED FOR SAMPLING VERY SOFT SEDIMENTS. *J. Fish. Res. Board Can.* 36 (3): 241-246. Mar. 1979. In English with French summ. SFA 24(3)

71-001128 Winterbourn, M. J. FLUXES OF LITTER FALLING INTO A SMALL BEECH FOREST STREAM. *N. Z. J. Mar. Freshwater Res.* 10 (3): 399-416. Sept. 1976. SFA 22(3)

CHEMICAL LIMNOLOGY AND OCEANOGRAPHY

71-001129 Bédard, J.; J. C. Therriault and J. Bérubé. ASSESSMENT OF THE IMPORTANCE OF NUTRIENT RECYCLING BY SEABIRDS IN THE ST. LAWRENCE ESTUARY. *Can. J. Fish. Aquatic Sci.* 37(4):583-588. Apr. 1980. SFA 25(2)

71-001130 Barica, J. EFFECT OF FREEZE-UP ON MAJOR ION AND NUTRIENT CONTENT OF A PRAIRIE WINTERKILL LAKE. *J. Fish. Res. Board Can.* 34 (11): 2210-2215. Nov. 1977. In English with French summ. SFA 23(1)

71-001131 Bella, D. A. TIDAL FLATS IN ESTUARINE WATER QUALITY ANALYSIS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-025. x + 186p. June 1975. SFA 21(1).

71-001132 Ben-Yaakov, S. A PORTABLE DISSOLVED OXYGEN ANALYZER FOR THE FISH FARMING INDUSTRY. *Bamidgeh* 31(3):69-77. Sept. 1979. SFA 25(2)

71-001133 Bower, C. E. and T. Holm-Hansen. A SALICYLATE-HYPOCHLORITE METHOD FOR DETERMINING AMMONIA IN SEAWATER. *Can. J. Fish. Aquatic Sci.* 37(5):794-798. May 1980. In English with French summ. SFA 25(3)

71-001134 Boyd, C. E. and L. Tucker. DETERMINATION OF FILTRABLE ORTHOPHOSPHATE IN WATER FROM FISH PONDS. *Trans. Am. Fish. Soc.* 109(3):314-318. May 1980. SFA 25(4)

71-001135 Boyd, C. E. RELIABILITY OF WATER ANALYSIS KITS. *Trans. Am. Fish. Soc.* 109(2):239-243. Mar. 1980. SFA 25(2)

71-001136 Burns, N. M. and Nriagu, J. O. FORMS OF IRON AND MANGANESE IN LAKE ERIE WATERS. *J. Fish. Res. Board Can.* 33(3):463-470. Mar. 1976. In English with French summ. SFA 21(1).

71-001137 Burns, N. M. NUTRIENT BUDGETS FOR LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):520-536. Mar. 1976. In English with French summ. SFA 21(1).

71-001138 Burns, N. M. OXYGEN DEPLETION IN THE CENTRAL AND EASTERN BASINS OF LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):512-519. Mar. 1976. In English with French summ. SFA 21(1).

71-001139 Burns, N. M.; Williams, J. D. H.; Jaquet, J.-M.; Kemp, A. L. W. and Lam, D. C. L. A PHOSPHORUS BUDGET FOR LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):564-573. Mar. 1976. In English with French summ. SFA 21(1).

71-001140 Campbell, P. and T. Torgersen. MAINTENANCE OF IRON MEROMIXIS BY IRON REDEPOSITION IN A RAPIDLY FLUSHED MONIMOLIMNION. *Can. J. Fish. Aquatic Sci.* 37(8):1303-1313. Aug. 1980. In English with French summ. SFA 25(4)

71-001141 Charlton, M. N. OXYGEN DEPLETION IN LAKE ERIE: HAS THERE BEEN ANY CHANGE? *Can. J. Fish. Aquatic Sci.* 37(1):72-81. Jan. 1980. In English with French summ. SFA 25(2)

71-001142 Cornett, R. J. and Rigler, F. H. HYPOLIMNETIC OXYGEN DEFICITS: THEIR PREDICTION AND INTERPRETATION. *Science* 205 (4406): 580-581. 10 Aug. 1979. SFA 24(4)

71-001143 Cossa, D. and Poulet, S. A. SURVEY OF TRACE METAL CONTENTS OF SUSPENDED MATTER IN THE ST. LAWRENCE ESTUARY AND SAGUENAY FJORD. *J. Fish. Res. Board Can.* 35(3):338-345. Mar. 1978. In English with French summ. SFA 23(2)

71-001144 Cunningham, C. C.; Conrad, D. D. W.; Moffatt, J. D. and Levy, E. M. IMPROVED REAGENT DISPENSER FOR THE DETERMINATION OF DISSOLVED OXYGEN IN SEA WATER. *J. Fish. Res. Board Can.* 33 (9): 2076-2078. Sept. 1976. In English with French summ. 21(3).

71-001145 Dillon, P. J. THE PHOSPHOROUS BUDGET OF CAMERON LAKE, ONTARIO: THE IMPORTANCE OF FLUSHING RATE TO THE DEGREE OF EUTROPHY OF LAKES. *Limnol. Oceanogr.* 20(1):28-39. Jan. 1975. SFA 21(1).

71-001146 Elder, F. C., (Chairman). ATMOSPHERIC CONTRIBUTION TO THE CHEMISTRY OF LAKE WATERS. *J. Great Lakes Res.* 2(Suppl. 1):1-225. 1976. SFA 22(3)

71-001147 Finn, J. T. FLOW ANALYSIS OF MODELS OF THE HUBBARD BROOK ECOSYSTEM. *Ecology* 61(3):562-571. June 1980. SFA 25(4)

71-001148 Fish, G. R. A NUTRIENT BUDGET FOR LAKE ROTORUA. *N.Z. Minist. Agric. Fish. Fish. Res. Publ.* No. 242. 9p. 1975. SFA 21(1).

71-001149 Ho, C. L. and Barrett, B. B. DISTRIBUTION OF NUTRIENTS IN LOUISIANA'S COASTAL WATERS INFLUENCED BY THE MISSISSIPPI RIVER. *La. Wildl. Fish. Comm. Tech. Bull.* No. 17. xi + 39p. Aug. 1975. SFA 21(1).

71-001150 Jeffries, D. S.; Cox, C. M. and Dillon, P. J. DEPRESSION OF PH IN LAKES AND STREAMS IN CENTRAL ONTARIO DURING SNOWMELT. *J. Fish. Res. Board Can.* 36 (6): 640-646. June 1979. In English with French summ. SFA 24(4)

1-001151 Johnson, D. W. and Cole, D. W. ANION MOBILITY IN SOILS. RELEVANCE TO NUTRIENT TRANSPORT FROM TERRESTRIAL TO AQUATIC ECOSYSTEMS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-068. vii + 28p. June 1977. SFA 23(2)

71-001152 Kemp, A. L. W.; Thomas, R. L.; Dell, C. I. and Jaquet, J.-M. CULTURAL IMPACT OF THE GEOCHEMISTRY OF SEDIMENTS IN LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):440-462. Mar. 1976. In English with French summ. SFA 21(1).

71-001153 Kunnemann, H. and Bashamohideen, M. A QUICK AND MODIFIED WINKLER-METHOD FOR MEASURING O(2)-CONSUMPTION OF AQUATIC ANIMALS. *Experientia (Basel)* 34 (9): 1242-1243. 15 Sept. 1978. SFA 24(1)

71-001154 Lam, D. C. L. and Jaquet, J.-M. COMPUTATIONS OF PHYSICAL TRANSPORT AND REGENERATION OF PHOSPHORUS IN LAKE ERIE, FALL 1970. *J. Fish. Res. Board Can.* 33(3):550-563. Mar. 1976. In English with French summ. SFA 21(1).

71-001155 Lam, D. C. L. and Simons, T. J. NUMERICAL COMPUTATIONS OF ADVECTIVE AND DIFFUSIVE TRANSPORTS OF CHLORIDE IN LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):537-549. Mar. 1976. In English with French summ. SFA 21(1).

71-001156 Larsen, D. P. and Mercier, H. T. PHOSPHORUS RETENTION CAPACITY OF LAKES. *J. Fish. Res. Board Can.* 33 (8): 1742-1750. Aug. 1976. In English with French summ. SFA 21(3).

71-001157 Lasenby, D. C. DEVELOPMENT OF OXYGEN DEFICITS IN 14 SOUTHERN ONTARIO LAKES. *Limnol. Oceanogr.* 20(6):993-999. Nov. 1975. SFA 21(1).

71-001158 Lasheen, M. R. M. W. FACTORS INFLUENCING METAL UPTAKE AND RELEASE BY SEDIMENTS IN AQUATIC ENVIRONMENTS. *Ph.D. dissertation, Univ. Mich.* 138p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(11), 1975. SFA 21(1).

71-001159 Levy, E. M.; Cunningham, C. C.; Conrad, C. D. W. and Moffatt, J. D. A TITRATION APPARATUS FOR THE DETERMINATION OF DISSOLVED OXYGEN IN SEAWATER. *J. Fish. Res. Board Can.* 34: (11): 2218-2220. Nov. 1977. In English with French summ. SFA 23(1)

71-001160 Lewis, A. G. CONCENTRATIONS OF NUTRIENTS AND CHLOROPHYLL ON A CROSS-CHANNEL TRANSECT IN JUAN DE FUCA STRAIT, BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 35 (3): 305-314. Mar. 1978. In English with French summ. SFA 23(2)

71-001161 Mann, C. R. CHEMICAL OCEANOGRAPHY IN CANADA. *J. Fish. Res. Board Can.* 33 (6): 1451-1469. June 1976. In English with French summ. SFA 21(2).

71-001162 Mathias, J. A. and J. Barica. FACTORS CONTROLLING OXYGEN DEPLETION IN ICE-COVERED LAKES. *Can. J. Fish. Aquatic Sci.* 37(2):185-194. Feb. 1980. In English with French summ. SFA 25(3)

71-001163 Nakashima, B. S. THE CONTRIBUTION OF FISHES TO PHOSPHORUS CYCLING IN LAKES. *Ph.D. dissertation, McGill Univ. (Canada)* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):822. Sept. 1980. SFA 25(4)

71-001164 Ongley, E. D. SEDIMENT YIELDS AND NUTRIENT LOADINGS FROM CANADIAN WATERSHEDS TRIBUTARY TO LAKE ERIE: AN OVERVIEW. *J. Fish. Res. Board Can.* 33(3):471-484. Mar. 1976. In English with French summ. SFA 21(1).

71-001165 Paradis, M. and Ackman, R. G. INFLUENCE OF ICE COVER AND MAN ON THE ODD-CHAIN HYDROCARBONS AND FATTY ACIDS IN THE WATERS OF JEDDORE HARBOUR, NOVA SCOTIA. *J. Fish. Res. Board Can.* 34 (11): 2156-2163. Nov. 1977. In English with French summ. SFA 23(1)

71-001166 Peters, R. H. CONCENTRATIONS AND KINETICS OF PHOSPHORUS FRACTIONS ALONG THE TROPHIC GRADIENT OF LAKE MEMPHREMAGOG. *J. Fish. Res. Board Can.* 36(8):970-979. Aug. 1979. In English with French summ. SFA 25(1)

71-001167 Peters, R. H. CONCENTRATIONS AND KINETICS OF PHOSPHORUS FRACTIONS IN WATER FROM STREAMS ENTERING LAKE MEMPHREMAGOG. *J. Fish. Res. Board Can.* 35 (3): 315-328. Mar. 1978. In English with French summ. SFA 23(2)

71-001168 Prokopowich, J. CHEMICAL CHARACTERIZATION OF EPILIMNION WATERS IN THE EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 873. iv + 41p. Aug. 1979. In English with French summ. SFA 25(1)

71-001169 Rudd, J. W. M. and Hamilton, R. D. TWO SAMPLERS FOR MONITORING DISSOLVED GASES IN LAKE WATER AND SEDIMENTS. *Limnol. Oceanogr.* 20(5):902-906. Sept. 1975. SFA 21(1).

71-001170 Rudd, J. W. M.; M. A. Turner; B. E. Townsend; A. Swick and A. Furutani. DYNAMICS OF SELENIUM IN MERCURY-CONTAMINATED EXPERIMENTAL FRESHWATER ECOSYSTEMS. *Can. J. Fish. Aquatic Sci.* 37(5):848-857. May 1980. In English with French summ. SFA 25(3)

71-001171 Scavia, D. and Chapra, S. C. COMPARISON OF AN ECOLOGICAL MODEL OF LAKE ONTARIO AND PHOSPHORUS LOADING MODELS. *J. Fish. Res. Board Can.* 34(2):286-290. Feb. 1977. In English with French summ. SFA 22(3)

71-001172 Scheider, W. A. APPLICABILITY OF PHOSPHORUS BUDGET MODELS TO SMALL PRECAMBRIAN LAKES, ALGONQUIN PARK, ONTARIO. *J. Fish. Res. Board Can.* 35 (3): 300-304. Mar. 1978. In English with French summ. SFA 23(2)

71-001173 Schindler, D. W. EVOLUTION OF PHOSPHORUS LIMITATION IN LAKES. *Science* 195 (4275): 260-262. 21 Jan. 1977. SFA 22(1)

71-001174 Sinclair, M.; El-Sabh, M. and Brindle, J. R. SEAWARD NUTRIENT TRANSPORT IN THE LOWER ST. LAWRENCE ESTUARY. *J. Fish. Res. Board Can.* 33(6):1271-1277. June 1976. In English with French summ. SFA 21(2).

71-001175 Smith, E. A.; Mayfield, C. I. and Wong, P. T. S. EFFECTS OF PHOSPHORUS FROM APATITE ON DEVELOPMENT OF FRESHWATER COMMUNITIES. *J. Fish. Res. Board Can.* 34 (12): 2405-2409. Dec. 1977. In English with French summ. SFA 23(2)

71-001176 Sonzogni, W. C. EFFECT OF NUTRIENT INPUT REDUCTION ON THE EUTROPHICATION OF THE MADISON LAKES. *Ph.D. dissertation, Univ. Wis. (Madison)* 1974. From Diss. Abstr. Int. B Sci. Eng. 35(11), 1975. SFA 21(1).

71-001177 Sugiyama, M. and Kawai, A. MICROBIOLOGICAL STUDIES ON THE NITROGEN CYCLE IN AQUATIC ENVIRONMENTS--VI. METABOLIC RATE OF AMMONIUM NITROGEN IN A GOLDFISH CULTURING POND. *Bull. Jpn. Soc. Sci. Fish.* 45(6):785-789. June 1979. SFA 24(4)

71-001178 Thomas, R. L. and Jaquet, J.-M. MERCURY IN THE SURFICIAL SEDIMENTS OF LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):404-412. Mar. 1976. In English with French summ. SFA 21(1).

71-001179 Weber, S. EVALUATING THE ACCURACY OF BIOCHEMICAL OXYGEN DEMAND AND SUSPENDED SOLIDS ANALYSES PERFORMED BY WISCONSIN LABORATORIES. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 114. 15p. 1979. SFA 25(2)

71-001180 Welch, H. E.; Dillon, P. J. and Sreedharan, A. FACTORS AFFECTING WINTER RESPIRATION IN ONTARIO LAKES. *J. Fish. Res. Board Can.* 33(8):1809-1815. Aug. 1976. In English with French summ. SFA 21(3).

71-001181 White, E. and G. Payne. DISTRIBUTION AND BIOLOGICAL AVAILABILITY OF REACTIVE HIGH MOLECULAR WEIGHT PHOSPHORUS IN NATURAL WATERS IN NEW ZEALAND. *Can. J. Fish. Aquatic Sci.* 37(4):664-669. Apr. 1980. SFA 25(2)

71-001182 Wilen, B. O. SOURCES OF ORGANIC COLOR IN NATURAL WATERS. *Ph. D. dissertation, Univ. Mass.* 358p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976. SFA 21(4)

71-001183 Williams, J. D. H.; Jaquet, J.-M. and Thomas, R. L. FORMS OF PHOSPHORUS IN THE SURFICIAL SEDIMENTS OF LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):413-429. Mar. 1976. In English with French summ. SFA 21(1).

71-001184 Williams, J. D. H.; Murphy, T. P. and Mayer, T. RATES OF ACCUMULATION OF PHOSPHORUS FORMS IN LAKE ERIE SEDIMENTS. *J. Fish. Res. Board Can.* 33(3):430-439. Mar. 1976. In English with French summ. SFA 21(1).

BENTHOS

71-001185 Anderson, N. H. and Cummins, K. W. INFLUENCES OF DIET ON THE LIFE HISTORIES OF AQUATIC INSECTS. *J. Fish. Res. Board Can.* 36 (3): 335-342. Mar. 1979. In English with French summ. SFA 24(3)

71-001186 Armitage, P. D. DEVELOPMENT OF THE MACRO-INVERTEBRATE FAUNA OF COW GREEN RESERVOIR (UPPER TEESDALE) IN THE FIRST FIVE YEARS OF ITS EXISTENCE. *Freshwater Biol.* 7 (5): 441-454. Oct. 1977. SFA 23(1)

71-001187 Barton, D. R. and Wallace, R. R. EFFECTS OF ERODING OIL SAND AND PERIODIC FLOODING ON BENTHIC MACROINVERTEBRATE COMMUNITIES IN A BROWN-WATER STREAM IN NORTHEASTERN ALBERTA, CANADA. *Can. J. Zool.* 57 (3): 533-541. Mar. 1979. In English with French summ. SFA 24(3)

71-001188 Beck, W. M., Jr. ENVIRONMENTAL REQUIREMENTS AND POLLUTION TOLERANCE OF COMMON FRESHWATER CHIRONOMIDAE. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-77-024. vi + 261p. Apr. 1977. SFA 24(4)

71-001189 Bednarik, A. F. and W. P. McCafferty. BIOSYSTEMATIC REVISION OF THE GENUS *STENONEMA* (EPHEMEROPTERA: HEPTAGENIIDAE). *Can. Bull. Fish. Aquatic Sci.* 201: vi + 73p. 1979. SFA 25(2)

71-001190 Boyle, T. P. NEW FLOATING TRAP FOR CAPTURING AND PRESERVING EMERGING AQUATIC INSECTS. *Prog. Fish-Cult.* 41 (2): 108-109. Apr. 1979. SFA 24(3)

71-001191 Bradt, P. T. and Wieland, G. E. III. CORRELATIONS OF MACROINVERTEBRATE POPULATION CHARACTERISTICS WITH PHYSICAL AND CHEMICAL FACTORS IN A TROUT STREAM. *Proc. Pa. Acad. Sci.* 52(2):121-125. 1978. SFA 24(4)

71-001192 Bradt, P. T. SEASONAL DISTRIBUTION OF BENTHIC MACROINVERTEBRATES IN AN EASTERN PENNSYLVANIA TROUT STREAM. *Proc. Pa. Acad. Sci.* 51 (2): 109-111. 1977. SFA 23(3)

71-001193 Brakke, D. F. MODIFICATION OF THE WHITESIDE-WILLIAMS PATTERN SAMPLER. *J. Fish. Res. Board Can.* 33 (12): 2861-2863. Dec. 1976. In English with French summ. SFA 22(1)

71-001194 Cadwallader, P. L. and Eden, A. K. EFFECT OF A TOTAL SOLAR ECLIPSE ON INVERTEBRATE DRIFT IN SNOBS CREEK, VICTORIA. *Aust. J. Mar. Freshwater Res.* 28 (6): 799-805. Dec. 1977. SFA 23(3)

71-001195 Canton, S. P. and Ward, J. V. AQUATIC MACROINVERTEBRATES OF TROUT CREEK, COLORADO. *J. Colo.-Wyo. Acad. Sci.* 9 (1): 7-8. Apr. 1977. SFA 22(4)

71-001196 Cooper, C. M. DYNAMICS OF BENTHIC FAUNA OF GRENADA RESERVOIR, MISSISSIPPI. *Ph. D. dissertation, Univ. Miss.* 161p. 1976. From Diss. Abstr. Int. B Sci. Eng 37(3), 1976. SFA 21(4)

71-001197 Cooper, C. M. EFFECTS OF ABNORMAL THERMAL STRATIFICATION ON A RESERVOIR BENTHIC MACROINVERTEBRATE COMMUNITY. *Am. Midl. Nat.* 103(1):149-154. Jan. 1980. SFA 25(2)

71-001198 Cutler, E. B. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. SIPUNCULA. *NOAA Tech. Rep. NMFS Circ.* 403. iii + 7p. July 1977. SFA 22(4)

71-001199 Daniels, B. LIFE HISTORY, DISTRIBUTION AND STATUS OF THE PLACID CRAYFISH, *PACIFASTACUS FORTIS*. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:33. 30 Jan. 1980. Abstract only. SFA 25(3)

71-001200 de March, B. G. E. SPATIAL AND TEMPORAL PATTERNS IN MACROBENTHIC STREAM DIVERSITY. *J. Fish. Res. Board Can.* 33 (6): 1261-1270. June 1976. In English with French summ. SFA 21(2).

71-001201 Dermott, R. M.; Kalff, J.; Leggett, W. C. and Spence, J. PRODUCTION OF /CHIRONOMUS/, /PROCLADIUS/, AND /CHAOBORUS/ AT DIFFERENT LEVELS OF PHYTOPLANKTON BIOMASS IN LAKE MEMPHREMAGOG, QUEBEC-VERMONT. *J. Fish. Res. Board Can.* 34 (11): 2001-2007. Nov. 1977. In English with French summ. SFA 23(1)

71-001202 Dickinson, J. J. and Carey, A. G., Jr. A COMPARISON OF TWO BENTHIC INFAUNAL SAMPLERS. *Limnol. Oceanogr.* 20(5):900-902. Sept. 1975. SFA 21(1).

71-001203 Dowds, R. E. REFERENCES FOR THE IDENTIFICATION OF MARINE INVERTEBRATES ON THE SOUTHERN ATLANTIC OCAST OF THE UNITED STATES. *NOAA Tech. Rep. NMFS SSRF* 729. iv + 37p. Apr. 1979. SFA 24(4)

71-001204 Dufek, D. J. A LIMITED ANALYSIS OF THE BENTHOS OF FLAMING GORGE RESERVOIR 1964 TO 1966. *Wyo. Game Fish Dep. Fish. Res. Rep. Monogr. Ser.* No. 1. p. 31-47. July 1978. SFA 24(2)

71-001205 Ellis, J. E. and Tackett, D. L. CONES FOR SAMPLING ACCUMULATED SOLIDS IN PONDS. *Prog. Fish-Cult.* 39 (2): 66. Apr. 1977. SFA 22(3)

71-001206 Flint, R. W. and Goldman, C. R. CRAYFISH GROWTH IN LAKE TAHOE: EFFECTS OF HABITAT VARIATION. *J. Fish. Res. Board Can.* 34 (1): 155-159. Jan. 1977. In English with French summ. SFA 22(2)

71-001207 Gale, W. F. and Thompson, J. D. AIDS TO BENTHIC SAMPLING BY SCUBA DIVERS IN RIVERS. *Limnol. Oceanogr.* 19(6):1004-1007. Nov. 1974. SFA 21(1).

71-001208 Gilpin, B. R. and Brusven, M. A. SUBSURFACE SAMPLER FOR DETERMINING VERTICAL DISTRIBUTION OF STREAM-BED BENTHOS. *Prog. Fish-Cult.* 38 (4): 192-194. Oct. 1976. SFA 21(4).

71-001209 Graham, A. A. and Burns, C. W. SIEVE-BUCKET RAPID FIELD SEPARATION OF MACROFAUNA FROM BOTTOM SAMPLES. *N. Z. J. Mar. Freshwater Res.* 11 (3): 609-611. 1977. SFA 23(4)

71-001210 Gray, L. J. and Ward, J. V. AQUATIC MACROINVERTEBRATES OF PICEANCE CREEK, COLORADO. *J. Colo.-Wyo. Acad. Sci.* 9 (1): 7. Apr. 1977. SFA 22(4)

71-001211 Gray, R. H. and Neitzel, D. A. SURBER SAMPLING IN DEEP WATER FOR BOTTOM ORGANISMS. *Prog. Fish-Cult.* 38 (3): 142-143. July 1976. SFA 21(4)

71-001212 Grossnickle, N. E. and Morgan, M. D. DENSITY ESTIMATES OF /MYSIS RELICTA/ IN LAKE MICHIGAN. *J. Fish. Res. Board Can.* 36 (6): 694-698. June 1979. In English with French summ. SFA 24(4)

71-001213 Harrold, J. F., Jr. RELATION OF SAMPLE VARIATIONS TO PLATE ORIENTATION IN THE HESTER-DENDY PLATE SAMPLER. *Prog. Fish-Cult.* 40 (1): 24-25. Jan. 1978. SFA 23(2)

71-001214 Healey, M. C. EXPERIMENTAL CROPPING OF LAKES: 4. BENTHIC COMMUNITIES. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 711. 22 + 48p. 1977. In English with French summ. SFA 22(4)

71-001215 Hendrix, P. F.; Parker, N. C. and Miller, N. A. AN INEXPENSIVE CORE SAMPLER FOR LAKE DEPOSITS. *Am. Midl. Nat.* 94(1):223-226. July 1975. SFA 21(1).

71-001216 Hepworth, D. K. BENTHIC FAUNA OF RECENTLY INUNDATED AREAS OF LAKE POWELL, UTAH-ARIZONA. *Utah State Div. Wildl. Resour. Publ.* no. 76-17. 10p. 1976. SFA 22(3)

71-001217 Hildebrand, S. G. THE RELATION OF DRIFT TO BENTHOS DENSITY AND FOOD LEVEL IN AN ARTIFICIAL STREAM. *Limnol. Oceanogr.* 19(6):951-957. Nov. 1974. SFA 21(1).

71-001218 Hilsenhoff, W. L. AQUATIC INSECTS OF WISCONSIN. GENERIC KEYS AND NOTES ON BIOLOGY, ECOLOGY AND DISTRIBUTION. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 89. 52p. 1975. SFA 21(1).

71-001219 Hocutt, C. H.; Dickson, K. L. and Masnik, M. T. METHODOLOGY DEVELOPED FOR SAMPLING MACROINVERTEBRATES BY ARTIFICIAL SUBSTRATES IN THE NEW RIVER, VIRGINIA. *Rev. Biol. (Lisb.)* 10 (1-4): 63-75. 1974-1976. SFA 22(4)

71-001220 Hodkinson, I. D. A COMMUNITY ANALYSIS OF THE BENTHIC INSECT FAUNA OF AN ABANDONED BEAVER POND. *J. Anim. Ecol.* 44 (2): 533-551. June 1975. SFA 22(3)

71-001221 Hornig, C. E. and Pollard, J. E. MACROINVERTEBRATE SAMPLING TECHNIQUES FOR STREAMS IN SEMI-ARID REGIONS. COMPARISON OF THE SURBER METHOD AND A UNIT-EFFORT TRAVELING KICK METHOD. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-78-040. vi + 21p. July 1978. SFA 24(4)

71-001222 Hulberg, L. W. and J. S. Oliver. CAGING MANIPULATIONS IN MARINE SOFT-BOTTOM COMMUNITIES: IMPORTANCE OF ANIMAL INTERACTIONS OR SEDIMENTARY HABITAT MODIFICATIONS. *Can. J. Fish. Aquatic Sci.* 37(7):1130-1139. July 1980. SFA 25(4)

71-001223 Jacobi, G. Z. AN INEXPENSIVE CIRCULAR SAMPLER FOR COLLECTING BENTHIC MACROINVERTEBRATES IN STREAMS. *Arch. Hydrobiol.* 83(1):126-131. 1978. SFA 23(4)

71-001224 Kathman, D. ARTIFICIAL SUBSTRATE SAMPLER FOR BENTHIC INVERTEBRATES IN PONDS, SMALL LAKES, AND RESERVOIRS. *Prog. Fish-Cult.* 40 (3): 114-115. July 1978. SFA 24(1)

71-001225 Koosman, V. W. and Newburg, H. J. MODIFICATION OF THE WATER FLOTATION METHOD FOR SEPARATING ORGANISMS FROM DETRITUS IN BENTHIC SAMPLES. *Prog. Fish-Cult.* 39 (4): 189-190. Oct. 1977. SFA 23(1)

71-001226 Kovalak, W. P. RELATIONSHIPS BETWEEN SIZE OF STREAM INSECTS AND CURRENT VELOCITY. *Can. J. Zool.* 56 (2): 178-186. Feb. 1978. In English with French summ. SFA 23(3)

71-001227 Kovalak, W. P. EFFECTS OF A POOL ON STREAM INVERTEBRATE DRIFT. *Am. Midl. Nat.* 99 (1): 119-127. Jan. 1978. SFA 23(3)

71-001228 LaBounty, J. F. STUDIES OF THE BENTHIC ENVIRONMENT OF TWIN LAKES, COLORADO. *U.S. Dep. Interior Bur. Reclam. Rep.* No. REC-ERC-76-12. iv + 47p. Oct. 1976. SFA 22(3)

71-001229 Lapchin, L. and Roux, C. UTILISATION DE L'ANALYSE DES CORRESPONDANCES POUR L'ETUDE DE LA REPARTITION DES INVERTEBRES BENTHIQUES DANS DEUX REISSEAUX A SALMONIDES DE BRETAGNE. [UTILIZATION OF CORRESPONDENCE ANALYSIS FOR THE STUDY OF BENTHIC INVERTEBRATES DISTRIBUTION IN TWO SALMONID STREAMS OF BRITTANY.] *Ann. Hydrobiol.* 8 (3): 333-354. 1977. In French with English summ. SFA 24(2)

71-001230 Lapchin, L. MICROREPARTITION DES INVERTEBRES BENTHIQUES DANS DEUX RUISSEAUX A SALMONIDES DE BRETAGNE. [MICRODISTRIBUTION OF BENTHIC INVERTEBRATES IN TWO SALMONID STREAMS OF BRITTANY.] *Ann. Hydrobiol.* 8 (3): 319-332. 1977. In French with English summ. SFA 24(2)

71-001231 Lehmkuhl, D. M. ENVIRONMENTAL DISTURBANCE AND LIFE HISTORIES: PRINCIPLES AND EXAMPLES. *J. Fish. Res. Board Can.* 36 (3): 329-334. Mar. 1979. In English with French summ. SFA 24(3)

71-001232 Lowery, R. S. and Mendes, A. J. /PROCAMBARUS CLARKII/ IN LAKE NAIVASHA, KENYA, AND ITS EFFECTS ON ESTABLISHED AND POTENTIAL FISHERIES. *Aquaculture* 11 (2): 111-121. June 1977. SFA 22(4)

71-001233 Luedtke, R. J. and Brusven, M. A. EFFECTS OF SAND SEDIMENTATION ON COLONIZATION OF STREAM INSECTS. *J. Fish. Res. Board Can.* 33(9):1881-1886. Sept. 1976. In English with French summ. SFA 21(3).

71-001234 Malley, D. F. and Reynolds, J. B. SAMPLING STATEGIES AND LIFE HISTORY OF NON-INSECTAN FRESHWATER INVERTEBRATES. *J. Fish. Res. Board Can.* 36 (3): 311-318. Mar. 1979. In English with French summ. SFA 24(3)

71-001235 Mandal, B. K. and Moitra, S. K. SEASONAL VARIATIONS OF BENTHOS AND BOTTOM SOIL EDAPHIC FACTORS IN A FRESHWATER FISH POND AT BURDWAN, WEST BENGAL. *Trop. Ecol.* 16 (1): 43-48. 1975. SFA 22(3)

71-001236 Marsh, P. C. THE EFFECTS OF SILT AND TURBIDITY FROM AGRICULTURAL DRAINAGE ON BENTHIC INVERTEBRATES IN STREAMS OF SOUTHWESTERN MINNESOTA. *Ph.D. dissertation, Univ. Minn.* 147p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(2):574. Aug. 1979. SFA 24(4)

71-001237 Mason, W. T., Jr. PORTABLE, HAND-OPERATED CYCLE SIEVE FOR WASHING MACROINVERTEBRATE SAMPLES. *Prog. Fish-Cult.* 38(1):30-32. Jan. 1976. SFA 21(1).

71-001238 McCullough, J. D. and Williams, S. ELECTRICALLY POWERED SAMPLER FOR BENTHIC MACROINVERTEBRATES. *Prog. Fish-Cult.* 38 (4): 186-187. Oct. 1976. SFA 21(4).

71-001239 McKone, W. D. QUANTITATIVE STUDIES OF STREAM DRIFT WITH PARTICULAR REFERENCE TO THE MCLAY MODEL. *Ph.D. dissertation, Univ. British Columbia* 1975. From Diss. Abstr. Int. B Eng. 36(12), 1976. SFA 21(2).

71-001240 Minto, M. L. A SAMPLING DEVICE FOR THE INVERTEBRATE FAUNA OF AQUATIC VEGETATION. *Freshwater Biol.* 7 (5): 425-430. Oct. 1977. SFA 23(1)

71-001241 Molles, M. C., Jr. RECOVERY OF STREAM INVERTEBRATES FROM DISTURBANCE RESULTING FROM A FLASH FLOOD. *Bull. Ecol. Soc. Am.* 61(2):96. June 1980. Abstract only. SFA 25(4)

71-001242 Momot, W. T. and Gowing, H. PRODUCTION AND POPULATION DYNAMICS OF THE CRAYFISH /ORCONECTES VIRILIS/ IN THREE MICHIGAN LAKES. *J. Fish. Res. Board Can.* 34 (11): 2041-2055. Nov. 1977. In English with French summ. SFA 23(1)

71-001243 Momot, W. T. and Gowing, H. RESULTS OF AN EXPERIMENTAL FISHERY ON THE CRAYFISH /ORCONECTES VIRILIS/. *J. Fish. Res. Board Can.* 34 (11): 2056-2066. Nov. 1977. In English with French summ. SFA 23(1)

71-001244 Momot, W. T. ANNUAL PRODUCTION AND PRODUCTION/BIOMASS RATIOS OF THE CRAYFISH, /ORCONECTES VIRILIS/, IN TWO NORTHERN ONTARIO LAKES. *Trans. Am. Fish. Soc.* 107 (6): 776-784. Nov. 1978. SFA 24(2)

71-001245 Momot, W. T. and Gowing, H. RESPONSE OF THE CRAYFISH /ORCONECTES VIRILIS/ TO EXPLOITATION. *J. Fish. Res. Board Can.* 34 (8): 1212-1219. Aug. 1977. In English with French Summ. SFA 22(4)

71-001246 Morgan, M. D. and Beeton, A. M. LIFE HISTORY AND ABUNDANCE OF /MYSIS RELICTA/ IN LAKE MICHIGAN. *J. Fish. Res. Board Can.* 35 (9): 1165-1170. Sept. 1978. In English with French summ. SFA 24(1)

71-001247 Mozley, S. C. MESH SIZE AND MACROBENTHOS IN A SHALLOW AREA OF THE GREAT LAKES. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-001248 Murray, D. A. A LIGHT WEIGHT CORER FOR SAMPLING SOFT SUBAQUEOUS DEPOSITS. *Limnol. Oceanogr.* 21(2):341-344. Mar. 1976. SFA 21(1).

71-001249 Novotny, J. F. DIURNAL CHARACTERISTICS OF DRIFTING MACROINVERTEBRATES IN THE MISSOURI RIVER, 1976. *Proc. S.D. Acad. Sci.* 57: 144-153. 1978. SFA 24(3)

71-001250 O'Connor, J. F. AN APPARATUS FOR SAMPLING GRAVEL SUBSTRATE IN STREAMS. *Limnol. Oceanogr.* 19(6):1007-1011. Nov. 1974. SFA 21(1).

71-001251 Oliver, D. R. CONTRIBUTION OF LIFE HISTORY INFORMATION TO TAXONOMY OF AQUATIC INSECTS. *J. Fish. Res. Board Can.* 36 (3): 318-321. Mar. 1979. In English with French summ. SFA 24(3)

71-001252 Parker, J. I. PREDATION BY *MYSIS RELICTA* ON *PONTOPOREIA HOYI*: A FOOD CHAIN LINK OF POTENTIAL IMPORTANCE IN THE GREAT LAKES. *J. Great Lakes Res.* 6(2):164-166. 1980. SFA 25(4)

71-001253 Pawson, D. L. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. ECHINODERMATA: HOLOTHUROIDEA. *NOAA Tech. Rep. NMFS Circ.* 405. iii + 15p. Sept. 1977. SFA 23(1)

71-001254 Peckarsky, B. L. INFLUENCE OF DETRITUS UPON COLONIZATION OF STREAM INVERTEBRATES. *Can. J. Fish. Aquatic Sci.* 37(6):957-963. June 1980. In English with French summ. SFA 25(3)

71-001255 Pollock, L. W. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. TARDIGRADA. *NOAA Tech. Rep. NMFS Circ.* 394. iii + 25p. May 1976. SFA 21(2).

71-001256 Prater, B. L.; Bakton, D. R. and Olive, J. H. NEW SAMPLER FOR SHALLOW-WATER BENTHIC MACROINVERTEBRATES. *Prog. Fish-Cult.* 39 (2): 57-58. Apr. 1977. SFA 22(3)

71-001257 Rabeni, C. and Gibbs, K. E. COMPARISON OF TWO METHODS USE BY DIVERS FOR SAMPLING BENTHIC INVERTEBRATES IN DEEP RIVERS. *J. Fish. Res. Board Can.* 35 (3): 332-336. Mar. 1978. In English with French summ. SFA 23(2)

71-001258 Redfield, A. C. A PISTON CORER FOR PEAT. *Limnol. Oceanogr.* 20(6):1042-1045. Nov. 1975. SFA 21(1).

71-001259 Resh, V. H. SAMPLING VARIABILITY AND LIFE HISTORY FEATURES: BASIC CONSIDERATIONS IN THE DESIGN OF AQUATIC INSECT STUDIES. *J. Fish. Res. Board Can.* 36 (3): 290-311. Mar. 1979. In English with French summ. SFA 24(3)

71-001260 Romaire, R. P. and Kilgen, R. H. BENTHIC MACROINVERTEBRATES IN CLOSED-OFF BRACKISH-WATER CANALS IN A LOUISIANA COASTAL MARSH. *Proc. La. Acad. Sci.* 40: 50-58. 1977. SFA 23(2)

71-001261 Rosenberg, D. M.; A. P. Weins and B. Bilyj. SAMPLING EMERGING CHIRONOMIDAE (DIPTERA) WITH SUBMERGED FUNNEL TRAPS IN A NEW NORTHERN CANADIAN RESERVOIR, SOUTHERN INDIAN LAKE, MANITOBA. *Can. J. Fish. Aquatic Sci.* 37(6):927-936. June 1980. In English with French summ. SFA 25(3)

71-001262 Rosenberg, D. M. PRACTICAL SAMPLING OF FRESHWATER MACROZOOBENTHOS: A BIBLIOGRAPHY OF USEFUL TEXTS, REVIEWS, AND RECENT PAPERS. *Fish. Environ. Can. Fish Mar. Serv. Tech. Rep.* No. 790. iv + 15p. Aug. 1978. In English with French summ. SFA 24(1)

71-001263 Rosenberg, D. M. INTRODUTION: FRESHWATER BENTHIC INVERTEBRATE LIFE HISTORIES: CURRENT RESEARCH AND FUTURE NEEDS. *J. Fish. Res. Board Can.* 36 (3): 290. Mar. 1979. In English with French summ. SFA 24(3)

71-001264 Roy, D. ECHANTILLONNEUR BENTHIQUE D'EAUX COURANTES PEU PROFONDES UTILIXANT UNE POMPE HYDRAULIQUE A MOTEUR. [THE USE OF A HYDRAULIC PUMP FOR SAMPLING THE BENTHOS OF SHALLOW FLOWING WATER.] *Ann. Limnol.* 14 (3): 289-294. 1978. In French with English summ. SFA 24(4)

71-001265 Rutter, R. P. and Poe, T. P. MACROINVERTEBRATE DRIFT IN TWO ADJOINING SOUTHEASTERN PENNSYLVANIA STREAMS. *Proc. Pa. Acad. Sci.* 52 (1): 24-30. 1978. SFA 24(2)

71-001266 Särkkä, J. THE ZOOBENTHOS OF LAKE PÄIJÄNNE AND ITS RELATIONS TO SOME ENVIRONMENTAL FACTORS. *Acta Zool. Fenn.* No. 160. 46p. 1979. SFA 25(3)

71-001267 Saether, O. A. TAXONOMIC STUDIES ON CHIRONOMIDAE: /NANOCLADIUS/, /PSEUDOCHIRONOMUS/, AND THE /HARNISCHIA/ COMPLEX. *Bull. Fish. Res. Board Can.* 196. viii + 143p. 1977. SFA 22(3)

71-001268 Saether, O. A. FEMALE GENITALIA IN CHIRONOMIDAE AND OTHER NEMATOCERA: MORPHOLOGY, PHYLOGENIES, KEYS. *Bull. Fish. Res. Board Can.* 197. viii + 209p. 1977. In English with French summ. SFA 22(3)

71-001269 Saether, O. A. REVISION OF /HYDROBAENUS/, /TRISSOCLADIUS/, /ZALUTSCHIA/, /PARATRISSOCLADIUS/, AND SOME RELATED GENERA (DIPTERA: CHIRONOMIDAE). *Bull. Fish. Res. Board Can.* 195. vi + 287p. 1976. In English with French summ. SFA 22(3)

71-001270 Schuster, G. A. and Etnier, D. A. A MANUAL FOR THE IDENTIFICATION OF THE LARVAE OF THE CADDISFLY GENERA /HYDROPSYCHE/ PICTET AND /SYMPHITOPSYCHE/ ULMER IN EASTERN AND CENTRAL NORTH AMERICA (TRICHOPTERA: HYDROPSYCHIDAE). *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-78-060. xii + 129p. Oct. 1978. SFA 24(4)

71-001271 Schwehr, D. J. DISTRIBUTION AND DIVERSITY OF MACROINVERTEBRATES OF THE MIDDLE YELLOWSTONE RIVER. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-001272 Shaw, T. AN AQUATIC INSECT SURVEY OF ELM RIVER, MICHIGAN, WITH A COMPARISON OF FOUR SAMPLING METHODS. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-001273 Sheldon, A. COLONIZATION CURVES: APPLICATION TO STREAM INSECTS ON SEMI-NATURAL SUBSTRATES. *Presented at the 24th Annu. Meeting, N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-001274 Siegfried, C. A. and Knight, A. W. THE EFFECTS OF WASHOUT IN A SIERRA FOOTHILL STREAM. *Am. Midl. Nat.* 98 (1): 200-207. July 1977. SFA 22(4)

71-001275 Stauffer, J. R.; Beiles, H. A.; Cox, J. W.; Dickson, K. L. and Simonet, D. E. COLONIZATION OF MACROBENTHIC COMMUNITIES ON ARTIFICIAL SUBSTRATES. *Rev. Biol. (Lisb.)* 10 (1-4): 49-61. 1974-1976. SFA 22(4)

71-001276 Stoneburner, D. L.; Crossman, J. S. and Smock, L. A. DIEL DRIFT STUDIES IN A SOUTH CAROLINA SPRING FED STREAM. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26. 1976.* Mar. 1976. SFA 21(1).

71-001277 Suter, P. J. and Williams, W. D. EFFECT OF A TOTAL SOLAR ECLIPSE ON STREAM DRIFT. *Aust. J. Mar. Freshwater Res.* 28 (6): 793-798. Dec. 1977. SFA 23(3)

71-001278 Swanson, G. A. SELF-CLEANING SCREEN FOR PROCESSING BENTHIC SAMPLES. *Prog. Fish-Cult.* 39 (4): 177-178. Oct. 1977. SFA 23(1)

71-001279 Swanson, G. A. FUNNEL TRAP FOR COLLECTING LITTORAL AQUATIC INVERTEBRATES. *Prog. Fish-Cult.* 40 (2): 73. Apr. 1978. SFA 23(3)

71-001280 Swartz, R. C. TECHNIQUES FOR SAMPLING AND ANALYZING THE MARINE MACROBENTHOS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-030. vii + 27p. Mar. 1978. SFA 24(4)

71-001281 Swiss, J. J. and Johnson, M. G. ENERGY DYNAMICS OF TWO BENTHIC CRUSTACEANS IN RELATION TO DIET. *J. Fish. Res. Board Can.* 33 (11): 2544-2550. Nov. 1976. In English with French summ. SFA 21(4).

71-001282 Thayer, G. W.; Williams, R. B.; Price, T. J. and Colby, D. R. A LARGE CORER FOR QUANTITATIVELY SAMPLING BENTHOS IN SHALLOW WATER. *Limnol. Oceanogr.* 20(3):474-480. May 1975. SFA 21(1).

71-001283 Townsend, C. R. and Hildrew, A. G. FIELD EXPERIMENTS ON THE DRIFTING, COLONIZATION AND CONTINUOUS REDISTRIBUTION OF STREAM BENTHOS. *J. Anim. Ecol.* 45(3):759-772. Oct. 1976. SFA 22(3)

71-001284 Tuberville, J. D. DRIFT NET ASSEMBLY FOR USE IN SHALLOW WATER. *Prog. Fish-Cult.* 41 (2): 96. Apr. 1979. SFA 24(3)

71-001285 Voshell, J. R., Jr. THE MACROBENTHOS OF A NEW RESERVOIR, LAKE ANNA, LOUISA COUNTY, VIRGINIA. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 222 p. 1977. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-001286 Ward, J. V. BOTTOM FAUNA-SUBSTRATE RELATIONSHIPS IN A NORTHERN COLORADO TROUT STREAM: 1945 AND 1974. *Ecology* 56 (6): 1429-1434. 1975. SFA 22(3)

71-001287 Ward, J. V. LUMBRICID EARTHWORM POPULATIONS IN A COLORADO MOUNTAIN RIVER. *Southwest. Nat.* 21 (1): 71-78. 20 Mar. 1976. SFA 22(2)

71-001288 Waters, T. F. BENTHIC LIFE HISTORIES: SUMMARY AND FUTURE NEEDS. *J. Fish. Res. Board Can.* 36 (3): 342-345. Mar. 1979. In English with French summ. SFA 24(3)

71-001289 Watling, L. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. CRUSTACEA: CUMACEA. *NOAA Tech. Rep. NMFS Circ.* 423. iii + 23p. Apr. 1979. SFA 24(3)

71-001290 Wefring, D. R. and J. C. Teed. DEVISE FOR COLLECTING REPLICATE ARTIFICIAL SUBSTRATE SAMPLES OF BENTHIC INVERTEBRATES IN LARGE RIVERS. *Prog. Fish-Cult.* 42(1):26-28. Jan. 1980. SFA 25(2)

71-001291 Welch, H. E. ECOLOGY OF CHIRONOMIDAE (DIPTERA) IN A POLAR LAKE. *J. Fish. Res. Board Can.* 33(2):227-247. Feb. 1976. In English with French summ. SFA 21(1).

71-001292 Wildish, D. J. and Kristmanson, D. D. TIDAL ENERGY AND SUBLITTORAL MACROBENTHIC ANIMALS IN ESTUARIES. *J. Fish. Res. Board Can.* 36(10):1197-1206. Oct. 1979. In English with French summ. SFA 25(1)

71-001293 Wildish, D. J. SUBLITTORAL MACRO-INFANUAL GRAB SAMPLING REPRODUCIBILITY AND COST. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 770. iii + 14p. Mar. 1978. In English with French summ. SFA 23(4)

71-001294 Williams, A. B. and Wigley, R. L. DISTRIBUTION OF DECAPOD CRUSTACEA OFF NORTHEASTERN UNITED STATES BASED ON SPECIMENS AT THE NORTHEAST FISHERIES CENTER, WOODS HOLE, MASSACHUSETTS. *NOAA Tech. Rep. NMFS Circ.* 407. iii + 44p. Dec. 1977. SFA 23(2)

71-001295 Williams, D. D. MOVEMENTS OF BENTHOS DURING THE RECOLONIZATION OF TEMPORARY STREAMS. *Oikos* 29 (2): 306-312. 1977. In English with Russian summ. SFA 23(2)

71-001296 Williams, D. D. RECOLONIZATION MECHANISMS OF STREAM BENTHOS AS DERIVED FROM A STUDY OF SOME TEMPORARY STREAMS IN SOUTHERN ONTARIO. *Ph.D. dissertation, Univ. Waterloo* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

PLANKTON

71-001297 Allan, J. D. LIFE HISTORY PATTERNS IN ZOOPLANKTON. *Am. Nat.* 110(971):165-180. Jan.-Feb. 1976. SFA 21(1).

71-001298 Arai, M. N. and A. Brinckmann-Voss. HYDROMEDUSAE OF BRITISH COLUMBIA AND PUGET SOUND. *Can. Bull. Fish. Aquatic Sci.* 204. viii + 192p. 1980. SFA 25(3)

71-001299 Ayers, R. W. and Treacy, D. H. SUBMERGED PERIPHYTON SAMPLER. *Prog. Fish-Cult.* 40 (2): 81. Apr. 1978. SFA 23(3)

71-001300 Bitton, G.; J. R. Beaver and S. R. Farrah. ORGANIC FLOCCULATION AND HYDROEXTRACTION: TWO NEW METHODS FOR PHYTOPLANKTON CONCENTRATION FROM LAKES. *Can. J. Fish. Aquatic Sci.* 37(8):1317-1320. Aug. 1980. In English with French summ. SFA 25(4)

71-001301 Brinton, E. POPULATION BIOLOGY OF /EUPHAUSIA PACIFICA/ OFF SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 74 (4): 733-762. Oct. 1976. SFA 22(2)

71-001302 Brodie, P. F. ALTERNATIVE SAMPLING DEVICE FOR AQUATIC ORGANISMS. *J. Fish. Res. Board Can.* 35 (6): 901-902. June 1978. In English with French summ. SFA 23(3)

71-001303 Brooks, A. S. and Torke, B. G. VERTICAL AND SEASONAL DISTRIBUTION OF CHLOROPHYLL /A/ IN LAKE MICHIGAN. *J. Fish. Res. Board Can.* 34 (12): 2280-2287. Dec. 1977. In English with French summ. SFA 23(2)

71-001304 Carpenter, G. F. IMPROVED PLANKTON NET BUCKET. *Prog. Fish-Cult.* 40 (2): 80. Apr. 1978. SFA 23(3)

71-001305 Cooley, J. M. and Minns, C. K. PREDICTION OF EGG DEVELOPMENT TIMES OF FRESHWATER COPEPODS. *J. Fish. Res. Board Can.* 35(10): 1322-1329. Oct. 1978. In English with French summ. SFA 24(1)

71-001306 Cooper, S. D. and C. R. Goldman. OPOSSUM SHRIMP (*MYSIS RELICTA*) PREDATION ON ZOOPLANKTON. *Can. J. Fish. Aquatic Sci.* 37(6):909-919. June 1980. In English with French summ. SFA 25(3)

71-001307 Costella, A. C.; Shortreed, K. S. and Stockner, J. G. PHYTOPLANKTON FRACTIONATION STUDIES IN GREAT CENTRAL LAKE, BRITISH COLUMBIA: A NUTRIENT-ENRICHED SOCKEYE SALMON (/ONCORHYCHUS NERKA/) NURSERY LAKE. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 880. iv + 27p. May 1979. English with French summ. SFA 25(1)

71-001308 Coull, B. C. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. COPEPODA: HARPACTICOIDA. *NOAA Tech. Rep. NMFS Circ.* 399. iii + 48p. Mar. 1977. SFA 22(3)

71-001309 de Bernardi, R. and Canali, S. POPULATION DYNAMICS OF PELAGIC CLADOCERANS IN LAGO MAGGIORE. *Mem. Ist. Ital. Idrobiol.* 32:365-392. 1975. In English with Italian summ. SFA 21(1).

71-001310 Dobias, M. L. MICROFILM READER FOR ZOOPLANKTON STUDIES. *Prog. Fish-Cult.* 39 (4): 174. Oct. 1977. SFA 23(1)

71-001311 Evans, M. S. and Hawkins, B. E. A COMPARATIVE ANALYSIS OVER SEVERAL YEARS OF SPRING ZOOPLANKTON POPULATIONS IN SOUTHEASTERN LAKE MICHIGAN. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-001312 Furnass, T. I. and Findley, W. C. AN IMPROVED SORTING DEVICE FOR ZOOPLANKTON. *Limnol. Oceanogr.* 20(2):295-297. Mar. 1975. SFA 21(1).

71-001313 Garrison, D. L. CONTRIBUTION OF THE NET PLANKTON AND NONNOPLANKTON TO THE STANDING STOCKS AND PRIMARY PRODUCTIVITY IN MONTEREY BAY, CALIFORNIA DURING THE UPWELLING SEASON. *NOAA Fish. Bull.* 74(1):183-194. Jan. 1976. SFA 21(1).

71-001314 Grossnickle, N. E. THE HERBIVOROUS AND PREDACEOUS HABITS OF /MYSIS RELICTA/ IN LAKE MICHIGAN. *Ph.D dissertation, Univ. Wis (Madison)* 116p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2662. Dec. 1978. SFA 24(2)

71-001315 Heberger, R. F. and Reynolds, J. B. ABUNDANCE, COMPOSITION, AND DISTRIBUTION OF CRUSTACEAN ZOOPLANKTON IN RELATION TO HYPOLIMNETIC OXYGEN DEPLETION IN WEST-CENTRAL LAKE ERIE. *U.S. Fish Wildl. Serv. Tech. Pap.* 93. 17p. 1977. SFA 23(1)

71-001316 Helzer, G. R. POPULATION DYNAMICS AND PRODUCTION OF LIMNETIC CRUSTACEAN ZOOPLANKTON IN FIVE SOUTHEASTERN NEBRASKA FLOOD CONTROL RESERVOIRS. *Ph.D. dissertation, Univ. Nebr.* 211p. 1974. From. Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-001317 Herke, W. H. SUBSAMPLER FOR ESTIMATING THE NUMBER AND LENGTH FREQUENCY OF SMALL PRESERVED NEKTONIC ORGANISMS. *NOAA Fish. Bull.* 76(2):490-494. Apr. 1978. SFA 23(4)

71-001318 Herrgesell, P. L. CRUSTACEAN ZOOPLANKTON BIOMASS AND ITS RELATIONSHIP TO VARYING LEVELS OF EUTROPHY IN LAKE BERRYESSA, CALIFORNIA. *Ph. D. dissertation, Univ. Calif. (Davis)* 302p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-001319 Janicki, A. J. THE SEASONAL PRODUCTION, P/B RATIOS, AND POPULATION DYNAMICS OF /KELLICOTTIA BOSTONIENSIS/ IN SPRUCE KNOB LAKE, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 47(3-4):183-190. 1975. SFA 23(4)

71-001320 LaRow, E. J. SECONDARY PRODUCTIVITY OF /LEPTODORA KINDTII/ IN LAKE GEORGE, N.Y. *Am. Midl. Nat.* 94(1):120-126. July 1975. SFA 21(1).

71-001321 Loeffelman, P. H. and Buikema, A. L., Jr. EFFECT OF A PUMPED-STORAGE OPERATION ON SELECTED ZOOPLANKTERS. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-001322 Lorenz, B. D. NUTRIENT CONCENTRATIONS AND THE NET PLANKTON COMMUNITY OF SUMMERSVILLE LAKE, A MAINSTREAM IMPOUNDMENT. *M.S. thesis, W. Va. Univ., Morgantown* ix + 143p. 1975. SFA 21(1).

71-001323 Makarewicz, J. C. THE COMMUNITY OF ZOOPLANKTON AND ITS PRODUCTION IN MIRROR LAKE. *Ph.D. dissertation, Cornell Univ.* 221p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(11), 1975. SFA 21(1).

71-001324 Martinez, M. R. ALGAE IN FISHPONDS AND FISHPENS OF LAGUNA DE BAY, PHILIPPINES. I. EUGLENOPHYTA. *Kalikasan* 7(3):305-326. 1978. SFA 25(3)

71-001325 McLaren, I. A. GENERATION LENGTHS OF SOME TEMPERATE MARINE COPEPODS: ESTIMATION, PREDICTION, AND IMPLICATIONS. *J. Fish. Res. Board Can.* 35 (10): 1330-1342. Oct. 1978. In English with French summ. SFA 24(1)

71-001326 McNaught, D. C.; Buzzard, M. and Levine, S. ZOOPLANKTON PRODUCTION IN LAKE ONTARIO AS INFLUENCED BY ENVIRONMENTAL PERTURBATIONS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-021. viii + 156p. June 1975. SFA 21(1).

71-001327 Munawar, M. and Munawar, I. F. A LAKEWIDE STUDY OF PHYTOPLANKTON BIOMASS AND ITS SPECIES COMPOSITION IN LAKE ERIE, APRIL-DECEMBER 1970. *J. Fish. Res. Board Can.* 33(3):581-600. Mar. 1976. In English with French summ. SFA 21(1).

71-001328 Parker, R. A. PHOSPHATE REDUCTION AND RESPONSE OF PLANKTON POPULATIONS IN KOOTENAY LAKE. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-063. vii + 63p. May 1976. SFA 21(2).

71-001329 Pearcy, W. G. SEASONAL AND INSHORE-OFFSHORE VARIATIONS IN THE STANDING STOCKS OF MICRONEKTON AND MACROZOOPLANKTON OFF OREGON. *NOAA Fish. Bull.* 74(1):70-80. Jan. 1976. SFA 21(1).

71-001330 Pederson, G. L. PLANKTON SECONDARY PRODUCTION AND BIOMASS: SEASONALITY AND RELATION TO TROPHIC STATE IN THREE LAKES. *Ph.D. dissertation, Univ. Wash.* 119p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-001331 Pommel, B. DISTRIBUTION ET SIGNIFICATION ECOLOGIQUE DE LA VITAMINE B(12) ET DE LA THIAMINE DANS TROIS LACS SUBALPINS ET JURASSIEN. [DISTRIBUTION AND ECOLOGICAL SIGNIFICANCE OF VITAMIN B(12) AND THIAMIN IN THREE LAKES.] *Ann. Hydrobiol.* 6(2):103-121. 1975. In French with English summ. SFA 21(1).

71-001332 Porter, K. G. ENHANCEMENT OF ALGAL GROWTH AND PRODUCTIVITY BY GRAZING ZOOPLANKTON. *Science* 192 (4246): 1332-1334. 25 June 1976. SFA 21(2).

71-001333 Potter, D. S. THE ZOOPLANKTON OF FLATHEAD LAKE: AN HISTORICAL REVIEW WITH SUGGESTIONS FOR CONTINUING LAKE RESOURCE MANAGEMENT. *Ph. D. dissertation, Univ. Mont.* 388p. 1978. From Diss. Abstr. Int. B Sci. Eng. 40(3):1058. Sept. 1979. SFA 25(1)

71-001334 Rao, S. S. and Burnison, B. K. BACTERIAL DISTRIBUTIONS IN LAKE ERIE (1967-1970). *J. Fish. Res. Board Can.* 33(3):574-580. Mar. 1976. In English with French summ. SFA 21(1).

71-001335 Rothlisberg, P. C. and Pearcy, W. G. AN EPIBENTHIC SAMPLER USED TO STUDY THE ONTOGENY OF VERTICAL MIGRATION OF /PANDALUS JORDANI/ (DECAPODA, CARIDEA). *NOAA Fish. Bull.* 74 (4): 994-997. Oct. 1976. SFA 22(2)

71-001336 Sameoto, D. D. DISTRIBUTION OF SOUND SCATTERING LAYERS CAUSED BY EUPHAUSIIDS AND THEIR RELATIONSHIP TO CHLOROPHYLL /A/ CONCENTRATIONS IN THE GULF OF ST. LAWRENCE ESTUARY. *J. Fish. Res. Board Can.* 33 (4,1): 681-687. Apr. 1976. In English with French summ. SFA 21(2).

71-001337 Sameoto, D. D.; L. O. Jaroszynski and W. B. Fraser. BIONESS, A NEW DESIGN IN MULTIPLE NET ZOOPLANKTON SAMPLERS. *Can. J. Fish. Aquatic Sci.* 37(4):722-724. Apr. 1980. SFA 25(2)

71-001338 Sameoto, D. D.; Jaroszynski, L. O. and Fraser, W. B. A MULTIPLE OPENING AND CLOSING PLANKTON SAMPLER BASED ON THE MOCNESS AND N.I.O. NETS. *J. Fish. Res. Board Can.* 34 (8): 1230-1235. Aug. 1977. In English with French Summ. SFA 22(4)

71-001339 Scientific Committee on Ocean Research and National Institute of Oceanography (CSIR). ABSTRACTS: SYMPOSIUM ON WARM WATER ZOOPLANKTON, 14-19 OCTOBER, 1976. N.I.O-GOA-INDIA. *UNESCO* [107p.] [Oct. 1976.] SFA 22(1)

71-001340 Seepersad, B. and Crippen, R. W. USE OF ANILINE BLUE FOR DISTINGUISHING BETWEEN LIVE AND DEAD FRESHWATER ZOOPLANKTON. *J. Fish. Res. Board Can.* 35 (10): 1363-1366. Oct. 1978. In English with French summ. SFA 24(1)

71-001341 Stewart, A. J. and Blinn, D. W. STUDIES ON LAKE POWELL, USA: ENVIRONMENTAL FACTORS INFLUENCING PHYTOPLANKTON SUCCESS IN A HIGH DESERT WARM MONOMICTIC LAKE. *Arch. Hydrobiol.* 78 (2): 139-164. Aug. 1976. SFA 21(4)

71-001342 Szekielda, K.-H.; Suszkowski, D. J. and Tabor, P. S. SKYLAB INVESTIGATION OF THE UPWELLING OFF THE NORTHWEST COAST OF AFRICA. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 205-213. Sept. 1977. SFA 23(2)

71-001343 U.S. Environmental Protection Agency. PROCEEDINGS: BIOSTIMULATION / AND / NUTRIENT ASSESSMENT WORKSHOP. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-034. iv + 319p. June 1975. SFA 21(1).

71-001344 Varley, J. D. VARIATIONS IN THE HORIZONTAL ABUNDANCE OF CERTAIN PLANKTON SPECIES IN FLAMING GORGE RESERVOIR. *Utah State Div. Wildl. Resour. Publ.* No. 75-6. 18p. 1979. SFA 24(3)

71-001345 Walsh, J. J. HERBIVORY AS A FACTOR IN PATTERNS OF NUTRIENT UTILIZATION IN THE SEA. *Limnol. Oceanogt.* 21(1):1-13. Jan. 1976. SFA 21(1).

71-001346 Watson, N. H. F. SEASONAL DISTRIBUTION AND ABUNDANCE OF CRUSTACEAN ZOOPLANKTON IN LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):612-621. Mar. 1976. In English with French summ. SFA 21(1).

71-001347 Youngbluth, M. J. VERTICAL DISTRIBUTION AND DIEL MIGRATION OF EUPHAUSIIDS IN THE CENTRAL REGION OF THE CALIFORNIA CURRENT. *NOAA Fish. Bull.* 74 (4): 925-936. Oct. 1976. SFA 22(2)

PRIMARY PRODUCTION

71-001348 Benfield, E. F. and Hendricks, A. C. EUTROPHIC GRADIENT IN SMITH MOUNTAIN LAKE, VIRGINIA. *Va. J. Sci.* 26 (1): 20-26. 1975. SFA 21(3).

71-001349 Gasith, A. and Hasler, A. D. AIRBORNE LITTERFALL AS A SOURCE OF ORGANIC MATTER IN LAKES. *Limnol. Oceanogr.* 21(2):253-258. Mar. 1976. SFA 21(1).

71-001350 Gerhart, D. Z. and Likens, G. E. ENRICHMENT EXPERIMENTS FOR DETERMINING NUTRIENT LIMITATION: FOUR METHODS COMPARED. *Limnol. Oceanogr.* 20(4):649-653. July 1975. SFA 21(1).

71-001351 Hobson, L. A.; Morris, W. J. and Pirquet, K. T. THEORETICAL AND EXPERIMENTAL ANALYSIS OF THE ^{14}C TECHNIQUE AND ITS USE IN STUDIES OF PRIMARY PRODUCTION. *J. Fish. Res. Board Can.* 33(8):1715-1721. Aug. 1976. In English with French summ. SFA 21(3).

71-001352 Huntsinger, K. R. and Maslin, P. E. CONTRIBUTION OF PHYTOPLANKTON, PERIPHYTON, AND MACROPHYTES TO PRIMARY PRODUCTION IN EAGLE LAKE, CALIFORNIA. *Calif. Fish Game* 62 (3): 187-194. July 1976. SFA 21(4).

71-001353 Jones, J. R. EUTROPHICATION OF SOME NORTHWESTERN IOWA LAKES. *Ph.D. dissertation, Iowa State Univ.* 92p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-001354 Kwiatkowski, R. E. CHLOROPHYLL *a* MEASUREMENTS FROM LAKE ONTARIO, 1974-79. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 933. viii + 75p. May 1980. In English with French summ. SFA 25(4)

71-001355 LaBaugh, J. PHYTOPLANKTON PRIMARY PRODUCTION, CHLOROPHYLL /A/ CONCENTRATION, AND ASSIMILATION NUMBERS IN SPRUCE KNOB LAKE, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 47(3-4):190-197. 1975. SFA 23(4)

71-001356 Munawar, M. and Burns, N. M. RELATIONSHIPS OF PHYTOPLANKTON BIOMASS WITH SOLUBALE NUTRIENTS, PRIMARY PRODUCTION, AND CHLOROPHYLL /A/ IN LAKE ERIE, 1970. *J. Fish. Res. Board Can.* 33(3):601-611. Mar. 1976. In English with French summ. SFA 21(1).

71-001357 Naiman, R. J. and J. R. Sedell. RELATIONSHIPS BETWEEN METABOLIC PARAMETERS AND STREAM ORDER IN OREGON. *Can. J. Fish. Aquatic Sci.* 37(5):834-847. May 1980. In English with French summ. SFA 25(3)

71-001358 Naiman, R. J. PREMARY PRODUCTION, STANDING STOCK, AND EXPORT OF ORGANIC MATTER IN A MOHAVE DESERT THERMAL STREAM. *Limnol. Oceanogr.* 21(1):60-73. Jan. 1976. SFA 21(1).

71-001359 Nalewajko, C. and Schindler, D. W. PRIMARY PRODUCTION, EXTRACELLULAR RELEASE, AND HETEROTROPHY IN TWO LAKES IN THE ELA, NORTHWESTERN ONTARIO. *J. Fish. Res. Board Can.* 33(2):219-226. Feb. 1976. In English with French summ. SFA 21(1).

71-001360 Neitzel, D. A.; Page, T. L. and Wolf, E. G. MULTIPLE BOTTLE HOLDER FOR IN SITU MEASUREMENT OF PRIMARY PRODUCTIVITY. *Prog. Fish-Cult.* 41 (1): 42-43. Jan. 1979. SFA 24(2)

71-001361 Oglesby, R. T. PHYTOPLANKTON SUMMER STANDING CROP AND ANNUAL PRODUCTIVITY AS FUNCTIONS OF PHOSPHORUS LOADING AND VARIOUS PHYSICAL FACTORS. *J. Fish. Res. Board Can.* 34 (12): 2255-2270. Dec. 1977. In English with French summ. SFA 23(2)

71-001362 Roline, R. A. and V. S. Miyahara. EVALUATION OF THE ALGAL ASSAY BOTTLE TEST. *U.S. Dep. Interior Water Power Resour. Serv.* REC-ERC-80-1. 28p. Sept. 1979. SFA 25(3)

71-001363 Schindler, D. W.; Fee, E. J. and Ruszczynski, T. PHOSPHORUS INPUT AND ITS CONSEQUENCES FOR PHYTOPLANKTON STANDING CROP AND PRODUCTION IN THE EXPERIMENTAL LAKES AREA AND IN SIMILAR LAKES. *J. Fish. Res. Board Can.* 35 (2): 190-196. Feb. 1978. In English with French summ. SFA 23(2)

71-001364 Schindler, D. W. and Fee, E. J. PRIMARY PRODUCTION IN FRESHWATER. *Presented at the First International Congress of Ecology, The Hague, The Netherlands, 8-14 Sept. 1974.* 4p. 1974. SFA 21(1).

71-001365 Sorokin, Yu. I. and Paveljeva, E. B. ON STRUCTURE AND FUNCTIONING OF ECOSYSTEM IN A SALMON LAKE. *Hydrobiologia* 57 (1): 25-48. 8 Jan. 1978. SFA 23(2)

71-001366 Stephens, D. W. and Gillespie, D. M. PHYTOPLANKTON PRODUCTION IN THE GREAT SALT LAKE, UTAH, AND A LABORATORY STUDY OF ALGAL RESPONSE TO ENRICHMENT. *Limnol. Oceanogr.* 21(1):74-87. Jan. 1976. SFA 21(1).

71-001367 Stockner, J. G. and Shortreed, K. R. S. AUTOTROPHIC PRODUCTION IN CARNATION CREEK, A COASTAL RAINFOREST STREAM ON VANCOUVER ISLAND, BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 33 (7): 1553-1563. July 1976. In English with French summ. SFA 21(3).

71-001368 Taylor, M. K. and Marzolf, G. R. ESTIMATION OF BENTHIC, PLANKTONIC, AND TOTAL PHOTOSYNTHETIC PRODUCTION IN THE KANSAS RIVER. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-001369 Williams, L. R.; Lambou, V. W.; Hern, S. C. and Thomas, R. W. RELATIONSHIPS OF PRODUCTIVITY AND PROBLEM CONDITIONS TO AMBIENT NUTRIENTS: NATIONAL EUTROPHICATION SURVEY FINDINGS FOR 418 EASTERN LAKES. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-78-002. v + 20p. Jan. 1978. SFA 23(2)

MORPHOLOGY

71-001370 Castejón, O. J. and A. J. Caraballo. LIGHT AND SCANNING ELECTRON MICROSCOPIC STUDY OF CEREBELLAR CORTEX OF TELEOST FISHES. *Cell Tissue Res.* 207(2):211-226. 1980. SFA 25(3)

71-001371 Boëtius, J. ATLANTIC *ANGUILLA*. A PRESENTATION OF OLD AND NEW DATA OF TOTAL NUMBERS OF VERTEBRAE WITH SPECIAL REFERENCE TO THE OCCURRENCE OF *ANGUILLA ROSTRATA* IN EUROPE. *Dana* 1:93-112. 1980. SFA 25(4)

71-001372 Abraham, M.; Sandri, C. and Akert, K. FREEZE-ETCH STUDY OF THE TELEOSTEAN PITUITARY. *Cell Tissue Res.* 199 (3): 397-407. 17 July 1979. SFA 24(4)

71-001373 Adeney, R. J. and Hughes, G. M. SOME OBSERVATIONS ON THE GILLS OF THE OCEANIC SUNFISH, /MOLA MOLA/. *J. Mar. Biol. Assoc. U.K.* 57 (3): 825-837. Aug. 1977. SFA 23(1)

71-001374 Agius, C. PHYLOGENETIC DEVELOPMENT OF MELANO-MACROPHAGE CENTRES IN FISH. *J. Zool. (Lond.)* 191(1):11-31. May 1980. SFA 25(3)

71-001375 Ahlbert, I.-B. ORGANIZATION OF THE CONE CELLS IN THE RETINAE OF SALMON (/SALMO SALAR/) AND TROUT (/SALMO TRUTTA TRUTTA/) IN RELATION TO THEIR FEEDING HABITS. *Acta Zool. (Stockh.)* 57(1)13-35. 1976. SFA 21(1).

71-001376 Ainis, L. ANATOMIA COMPARATA DELL-APPARATO BRANCHIALE E DELLA TIROID DI PESCI OSSEI. [COMPARATIVE ANATOMY OF THE BRANCHIAL APPARATUS AND THE THYROID OF TELEOSTEAN FISHES.] *Riv. Biol. Norm. Patol.* 3 (1): 21-33. 1977. In Italian with English summ. SFA 23(1)

71-001377 Akster, H. A. and Osse, J. W. M. MUSCLE FIBRE TYPES IN HEAD MUSCLES OF THE PERCH /PERCA FLUVIATILIS/ (L.), TELEOSTEI. A HISTOCHEMICAL AND ELECTROMYOGRAPHICAL STUDY. *Neth. J. Zool.* 28 (1): 94-110. Mar. 1978. SFA 24(1)

71-001378 Al-Daham, N. K. and Bhatti, M. N. ANNUAL CHANGES IN THE OVARIAN ACTIVITY OF THE FRESHWATER TELEOST, /BARBUS LUTEUS/ (HECKEL) FROM SOUTHERN IRAQ. *J. Fish Biol.* 14 (4): 381-387. Apr. 1979. SFA 24(3)

71-001379 Albrecht, U.; Lametschwandtner, A. and Adam, H. DIE BLUTGEFAESSE DES MESONEPHROS VON /MYXINE GLUTINOSA/ L.--EINE RASTERELEKTRONENMIKROSKOPISCHE UNTERSUCHUNG AN KORROSIONSPRAEPARATEN. [THE VASCULARIZATION OF THE MESONEPHROS IN THE ATLANTIC HAGFISH, /MYXINE GLUTINOSA/ L.--A SCANNING ELECTRON MICROSCOPICAL STUDY OF VASCULAR CORROSION CASTS.] *Zool. Anz.* 200(5/6):300-308. 1978. In German with English summ. SFA 23(4)

71-001380 Ali, M. A. and Anctil, M. RETINAL STRUCTURE AND FUNCTION IN THE WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND SAUGER (/S. CANADENSE/). *J. Fish. Res. Board Can.* 34 (10): 1467-1474. Oct. 1977. In English with French summ. SFA 23(1)

71-001381 Allen, D. M. BODY SIZE AND PORPHYROPSIN VISUAL PIGMENT IN A CYPRINID. *Copeia* 1978 (1): 181-184. 10 Feb. 1978. SFA 23(2)

71-001382 Allen, J. M.; Blaxter, J. H. S. and Denton, E. J. THE FUNCTIONAL ANATOMY AND DEVELOPMENT OF THE SWIMBLADDER-INNER EAR-LATERAL LINE SYSTEM IN HERRING AND SPRAT. *J. Mar. Biol. Assoc. U. K.* 56 (2): 471-486. May 1976. SFA 22(3)

71-001383 Allen, L. G. LARVAL DEVELOPMENT OF /GOBIESOX RHESSODON/ (GOBIESOCIDAE) WITH NOTES ON THE LARVA OF /RIMICOLA MUSCARUM/. *NOAA Fish. Bull.* 77 (1): 300-304. Jan. 1979. SFA 24(3)

71-001384 Alluchon-Gerard, M.-J. and Mellinger, J. OBSERVATION DE "CELLULES DE THYROIDECTOMIE" AU MICROSCOPE ELECTRONIQUE DANS LE LOBE VENTRAL DE L'HYPOPHYSE D'UN POISSON CHONDRICHTHYEN, LA ROUSSETTE /SCYLLIUM CANICULA/ CUV. [ELECTRON MICROSCOPE OBSERVATION OF "THYROIDECTOMY CELLS" IN THE HYPOPHYSIS VENTRAL LOBE OF A CHONDRICHTHYAN FISH, THE SMALL SPOTTED DOGFISH /SCYLLIUM CANICULA/ CUV.] *C.R. Hebd. Seances Acad. Sci. D Sci. Nat.* 286 (21): 1511-1514. 29 May 1978. In French with English summ. SFA 23(4)

71-001385 Alluchon-Gerard, M.-J. ULTRASTRUCTURE OF THE DOGFISH ADENOHYPOPHYSIS. *Cell Tissue Res.* 193 (1): 139-154. 1978. SFA 24(1)

71-001386 Altukhov, K. A. ON THE BIOLOGY OF THE EARLY STAGES OF DEVELOPMENT OF SOME WHITE SEA FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):104-113. 1979. SFA 25(3)

71-001387 Alvarez-León, R. A SPECIMEN OF *LUTJANUS ARGENTIVENTRIS* (PETERS) LACKING PELVIC FINS. *J. Fish Biol.* 16(5):563-564. May 1980. SFA 25(4)

71-001388 Anctil, M. and Ali, M. A. RETINAL STRUCTURE IN /SYNBRANCHUS MARMORATUS/ WITH OBSERVATIONS ON TWO NEW CONE MYOID INCLUSIONS. *Rev. Can. Biol.* 36 (2): 113-127. June 1977. In English with French summ. SFA 23(1)

71-001389 Anderson, W. C. and Manion, P. J. TWO-TAILED PARASITIC-PHASE SEA LAMPREYS FROM THE GREAT LAKES. *Prog. Fish-Cult.* 40 (3): 107. July 1978. SFA 24(1)

71-001390 Anderson, W. C. and Manion, P. J. MORPHOLOGICAL DEVELOPMENT OF THE INTEGUMENT OF THE SEA LAMPREY, /PETROMYZON MARINUS/. *J. Fish. Res. Board Can.* 34 (1): 159-163. Jan. 1977. In English with French summ. SFA 22(2)

71-001391 Anker, G. Ch. THE MORPHOLOGY OF THE HEAD-MUSCLES OF A GENERALIZED /HAPLOCHROMIS/ SPECIES: /H. ELEGANS/ TREWAVAS 1933 (PISCES, CICHLIDAE). *Neth. J. Zool.* 28 (2): 234-271. June 1978. SFA 24(2)

71-001392 Anthony, J. ÉVOCATION DES TRAVAUX FRANÇAIS SUR *LATIMERIA* NOTAMMENT DEPUIS 1972. [RECALLING FRENCH STUDIES OF *LATIMERIA* ESPECIALLY SINCE 1972.] *Proc. R. Soc. Lond. B Biol. Sci.* 208(1172):349-367. 17 July 1980. In French with English summ. SFA 25(4)

71-001393 Anthony, J. and Robineau, D. [ON SOME JUVENILE CHARACTERS OF /LATIMERIA CHALUMNAE/ SMITH (PISCES, CROSSOPTERYGII, COELACANTHIDAE).] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 183 (16): 1739-1742. 20 Dec. 1976. In French with English summ. SFA 22(3)

71-001394 Arthur, D. K. DIFFERENCES IN HEART SIZE BETWEEN OCEAN-CAUGHT AND LABORATORY-GROWN LARVAE OF THE NORTHERN ANCHOVY, *ENGRAULIS MORDAX* GIRARD. *J. Exp. Mar. Biol. Ecol.* 43(2):99-106. 6 Mar. 1980. SFA 25(2)

71-001395 Astakhov, D. A. DISCOVERY OF A PREMAXILLARY SEISMOSENSORY CANAL IN FISH OF THE BELONIFORMES ORDER BELONGING TO THE SCOMBERESCOCIDAE AND BELONIDAE FAMILES. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 247(1-6):1067-1068. July-Aug. 1979. SFA 25(3)

71-001396 Bagiryan, S. Sh. and A. T. Terekhin. [AN EXPERIENCE OF USING MULTIVARIATE STATISTICAL METHODS FOR ANALYSIS OF THE INTRASPECIFIC STRUCTURE OF *SALMO MYKISS* WALBAUM (SALMONIFORMES, SALMONIDAE).] *Zool. Zh.* 59(6):859-869. June 1980. In Russian with English summ. SFA 25(4)

71-001397 Baker, J. M. LARVAL DEVELOPMENT OF THE GREENSIDE DARTER, /ETHEOSTOMA BLENNIOIDES NEWMANII/ (AGASSIZ). *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 70-91. 1979. SFA 24(3)

71-001398 Bakhtin, Ye. K. MORPHOLOGY OF THE OLFACTORY ORGAN OF SOME FISH SPECIES AND A POSSIBLE FUNCTIONAL INTERPRETATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 786-804. 1976. SFA 23(2)

71-001399 Ballard, W. W. and A. S. Ginsburg. MORPHOGENETIC MOVEMENTS IN ACIPENSERID EMBRYOS. *J. Exp. Zool.* 213(1):69-103. July 1980. SFA 25(4)

71-001400 Barber, D. L.; Westermann, J. E. M. and Jensen, D. N. NEW OBSERVATIONS ON THE RODLET CELL (/RHABDOSPORA THELOHANI/) IN THE WHITE SUCKER /CATOSTOMUS COMMERSONI/ (LACEPEDE): LM AND EM STUDIES. *J. Fish Biol.* 14 (3): 277-284. Mar. 1979. SFA 24(3)

71-001401 Barber, V. C. and C. J. Emerson. SCANNING ELECTRON MICROSCOPIC OBSERVATIONS ON THE INNER EAR OF THE SKATE, *RAJA OCELLATA*. *Cell Tissue Res.* 205(2):199-215. Feb. 1980. SFA 25(2)

71-001402 Barss, W. H. AN ABNORMALLY PIGMENTED SHORTSPINE THORNYHEAD, /SEBASTOLOBUS ALASCANUS/ BEAN. *Calif. Fish Game* 65 (3): 168. July 1979. SFA 24(4)

71-001403 Batten, T. F. C.; Ingleton, P. M. and Ball, J. N. ULTRASTRUCTURAL AND FORMALDEHYDE-FLUORESCENCE STUDIES ON THE HYPOTHALAMUS OF /POECILIA LATIPINNA/ (TELEOSTEI, CYPRINODONTIFORMES). *Gen. Comp. Endocrinol.* 39(1):87-109. Sept. 1979. SFA 25(1)

71-001404 Batten, T. F. C. and J. N. Ball. ULTRASTRUCTURE OF HYPOPHYSIOTROPIC CENTRES IN THE HYPOTHALAMUS OF *POECILIA LATIPINNA* (TELEOSTEI). *Gen. Comp. Endocrinol.* 40(3):352. Mar. 1980. Abstract only. SFA 25(2)

71-001405 Bauchot, R.; Baychot, M. L.; Platel, R. L. and Ridet, J.-M. BRAINS OF HAWAIIAN TROPICAL FISHES; BRAIN SIZE AND EVOLUTION. *Copeia* 1977(1):42-46. 16 Mar. 1977. SFA 22(3)

71-001406 Bauchot, R.; Platel, R. and Ridet, J.-M. BRAIN-BODY WEIGHT RELATIONSHIPS IN SELACHII. *Copeia* 1976 (2): 305-310. May 1976. SFA 21(2).

71-001407 Beecher, H. A. ANOMALOUS OCCURRENCE OF LIP PROJECTION ON /CARPIODES CYPRINUS/. *Fla. Sci.* 42 (1): 62-63. 1979. SFA 24(3)

71-001408 Beedle, D. and Georgi, T. THE KIDNEY OF THE CHONDROSTEAN FISH, /POLYODON SPATHULA/ (WAUBAUM). *Proc. Nebr. Acad. Sci. Affil. Soc.* 87: 7. Apr. 1977. SFA 22(3)

71-001409 Behnke, R. J. and Kloppel, T. M. AN EXPRESSION OF UNEQUAL TWINNING IN AN ADULT RAINBOW TROUT. *Copeia* 1975(4):775-777. 31 Dec. 1975. SFA 21(1).

71-001410 Bell, G. R. PREPARATION OF RIGID PLASTIC CASTS OF THE BLOOD VESSELS OF FISH. *Prog. Fish-Cult.* 40 (3): 103-104. July 1978. SFA 24(1)

71-001411 Bell, M. A. THE EVOLUTION OF PHENOTYPIC DIVERSITY IN THREESPINE STICKLEBACKS (/GASTEROSTEUS ACULEATUS/). *Ph.D. dissertation, Univ. Calif. (Los Angeles).* 208 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-001412 Benjamin, M. and Baker, B. I. ULTRASTRUCTURAL STUDIES ON PROLACTIN AND GROWTH HORMONE CELLS IN /ANGUILLA/ PITUITARIES IN LONG TERM CULTURES. *Cell Tissue Res.* 191 (1): 161-170. 1978. SFA 23(4)

71-001413 Benjamin, M. THE CELL TYPES IN THE ADENOHYPOPHYSIS OF THE MARINE TELEOST /CRENILABRUS MELOPS/. *Acta Zool. (Stockh.)* 60 (2): 105-113. 1979. SFA 24(4)

71-001414 Bennemann, R. and Pietzsch-Rohrschneider, I. THE MORPHOLOGY OF THE CEMENT GLAND APPARATUS OF LARVAL /PTEROPHYLLUM SCALARE/ CUV. & VAL. (CICHLIDAE, TELEOSTEI). HISTOLOGICAL, TRANSMISSION- AND SCANNING ELECTRON MICROSCOPIC STUDIES. *Cell Tissue Res.* 193 (3): 491-501. 1978. SFA 24(1)

71-001415 Berg, R. E. EXTERNAL MORPHOLOGY OF THE PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, INTRODUCED INTO LAKE SUPERIOR. *J. Fish. Res. Board Can.* 36(10):1283-1287. Oct. 1979. In English with French summ. SFA 25(1)

71-001416 Berge, P. I. THE CARDIAC ULTRASTRUCTURE OF /CHIMAERA MONSTROSA/ L. (ELASMOBRANCHII: HOLOCEPHALI). *Cell Tissue Res.* 201(2):181-195. 3 Sept. 1979. SFA 25(1)

71-001417 Berkovitz, B. K. B. and Shellis, R. P. A LONGITUDINAL STUDY OF TOOTH SUCCESSION IN PIRANHAS (PISCES: CHARACIDAE), WITH AN ANALYSIS OF THE TOOTH REPLACEMENT CYCLE. *J. Zool. (Lond.)* 184 (4): 545-561. Apr. 1978. SFA 23(4)

71-001418 Berkovitz, B. K. B. and Moore, M. H. TOOTH REPLACEMENT IN THE UPPER JAW OF THE RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Exp. Biol.* 193 (2): 221-234. Aug. 1975. SFA 22(2)

71-001419 Berkovitz, B. K. B. CHRONOLOGY OF TOOTH DEVELOPMENT IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Exp. Zool.* 200 (1): 65-70. Apr. 1977. SFA 22(3)

71-001420 Best, A. C. G. and J. A. B. Gray. MORPHOLOGY OF THE UTRICULAR RECESS IN THE SPRAT. *J. Mar. Biol. Assoc. U.K.* 60(3):703-715. Aug. 1980. SFA 25(4)

71-001421 Best, A. C. G. and J. A. C. Nicol. EYESHINE IN FISHES. A REVIEW OF OCULAR REFLECTORS. *Can. J. Zool.* 58(6):945-956. June 1980. In English with French summ. SFA 25(3)

71-001422 Best, A. C. G. and Nicol, J. A. C. NOTES ON THE RETINA AND TAPETUM LUCIDUM OF /HOWELLA/ (TELEOSTEI: CHEILODIPTERIDAE). *J. Mar. Biol. Assoc. U. K.* 58 (3): 735-738. Aug. 1978. SFA 23(4)

71-001423 Best, A. C. G. and Bone, Q. ON THE INTEGUMENT AND PHOTOPHORES OF THE ALEPOCEPHALID FISHES /XENODERMICHTHYS/ AND /PHOTOSTYLUS/. *J. Mar. Biol. Assoc. U.K.* 56 (1): 227-236. Feb. 1976. SFA 22(3)

71-001424 Bethe, M. L. and Krasnowski, P. V. STOCK SEPARATION STUDIES OF COOK INLET SOCKEYE SALMON BASED ON SCALE PATTERN ANALYSIS, 1977. *Alaska Dep. Fish Game Inf. Leafl.* No. 180. iii + 31p. Feb. 1979. SFA 24(3)

71-001425 Bhattacharyya, T. K. and Butler, D. G. FINE STRUCTURE OF THE CORPUSCLES OF STANNIUS IN THE TOADFISH. *J. Morphol.* 155 (3): 271-286. Mar. 1978. SFA 23(3)

71-001426 Bhimasena Rao, j. and Karamchandani, S. J. ON THE SEXUAL DIMORPHISM OF A SILUROID FISH, /OMPOK BIMACULATUS/ (BLOCH), WITH PARTICULAR REFERENCE TO PECTORAL SPINE. *J. Bombay Nat. Hist. Soc.* 70 (2): 388-390. 1974. SFA 24(3)

71-001427 Bird, D. J. and Eble, A. F. CYTOLOGY AND POLYSACCHARIDE CYTOCHEMISTRY OF THE GILL OF THE AMERICAN EEL, /ANGUILLA ROSTRATA/. *Biol. Bull. (Woods Hole)* 157 (1): 104-111. Aug. 1979. SFA 24(4)

71-001428 Bjerring, H. C. A CONTRIBUTION TO STRUCTURAL ANALYSIS OF THE HEAD OF CRANIATE ANIMALS. THE ORBIT AND ITS CONTENTS IN 20-22-MM EMBRYOS OF THE NORTH AMERICAN ACTINOPTERYGIAN /AMIA CALVA/ L., WITH PARTICULAR REFERENCE TO THE EVOLUTIONARY SIGNIFICANCE OF AN ABERRANT, NONOCULAR, ORBITAL MUSCLE INNERVATED BY THE OCULOMOTOR NERVE AND NOTES ON THE METAMERIC CHARACTER OF HEAD IN CRANIATES. *Zool. Scr.* 6 (2): 127-183. 1977. In English with French and Russian summ. SFA 23(1)

71-001429 Boehlert, G. W. RETINAL DEVELOPMENT IN POSTLARVAL THROUGH JUVENILE *SEBASTES DIPLOPROA*: ADAPTATIONS TO A CHANGING PHOTIC ENVIRONMENT. *Rev. Can. Biol.* 38(4):265-280. Dec. 1979. In English with French summ. SFA 25(2)

71-001430 Bone, Q. and Chubb, A. D. THE STRUCTURE OF STRETCH RECEPTOR ENDINGS IN THE FIN MUSCLES OF RAYS. *J. Mar. Biol. Assoc. U.K.* 55 (4): 939-943. Nov. 1975. SFA 22(3)

71-001431 Bone, Q. and Chubb, A. D. ON THE STRUCTURE OF CORPUSCULAR PROPRIOCEPTIVE ENDINGS IN SHARKS. *J. Mar. Biol. Assoc. U. K.* 56 (4): 925-928. Nov. 1976. SFA 22(3)

71-001432 Bonham, K. SPECIFIC GRAVITY OF SALMONID EGGS. *Trans. Am. Fish. Soc.* 105 (2): 351-352. Mar. 1976. SFA 21(2).

71-001433 Borkhvardt, V. G. ON THE NATURE OF VERTEBRAL ARCHES IN LAMPREYS (PETROMYZONIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):677-682. 1978. SFA 25(1)

71-001434 Bortone, S. A. GONAD MORPHOLOGY OF THE HERMAPHRODITIC FISH /DIPLECTRUM PACIFICUM/ (SERRANIDAE). *Copeia* 1977(3):448-453. 25 Aug. 1977. SFA 22(4)

71-001435 Brady, D. R. and Georgi, T. A. MORPHOLOGICAL AND HISTOLOGICAL EVALUATION OF THE /POLYODON SPATHULA/ ORAL CAVITY. *Proc. Nebr. Acad. Sci. Affil. Soc.* 88: 7-8. 1978. Abstract only. SFA 23(4)

71-001436 Braekevelt, C. R. FINE STRUCTURE OF THE RETINAL PIGMENT EPITHELIUM IN THE MUD MINNOW (*UMBRA LIMI*). *Can. J. Zool.* 58(2):258-265. Feb. 1980. In English with French summ. SFA 25(2)

71-001437 Branson, B. A. OBSERVATIONS ON THE GROSS ANATOMY OF THE OLFACTORY ORGAN AND EYES IN FIVE GENERA OF AMERICAN BARBELED MINNOWS (PISCES: CYPRINIDAE). *Southwest. Nat.* 24(3):501-507. 15 Sept. 1979. SFA 25(1)

71-001438 Branson, B. A. VARIATION IN THE OLFACTORY ORGAN IN /HYBOPSIS AESTIVALIS/ (PISCES: CYPRINIDAE). *Trans. Ky. Acad. Sci.* 40(3/4):112-121. Sept. 1979. SFA 25(1)

71-001439 Brembach, M. ANATOMISCHE BEITRAEGE ZUR SYSTEMATIK LEBENDGEBAERENDER HALBSCHNAEBLER (HEMIRHAMPHIDAE, PISCES). [ANATOMICAL CONTRIBUTIONS TO THE SYSTEMATICS OF VIVIPAROUS HALFBEAKS (HEMIRHAMPHIDAE, PISCES).] *Z. Zool. Syst. Evolutionsforsch.* 14 (3): 169-177. Sept. 1976. In German with French and English summ. SFA 23(4)

71-001440 Breucker, H.; Zeiske, E. and Melinkat, R. DEVELOPMENT OF THE OLFACTORY ORGAN IN THE RAINBOW FISH /NEMATOCENTRIS MACCULLOCHI/ (ATHERINIFORMES, MELANOTAENIIDAE). *Cell Tissue Res.* 200(1):53-68. 3 Aug. 1979. SFA 25(1)

71-001441 Brown, D. S. and Copeland, D. E. OVERLAPPING PLATELETS: A DIFFUSION BARRIER IN A TELEOST SWIMBLADDER. *Science* 197 (4301): 383-384. 22 July 1977. SFA 22(4)

71-001442 Brown, D. S. MEMBRANOUS PLATELETS: A DIFFUSION BARRIER IN THE TELEOST SWIMBLADDER. *Ph.D. dissertation, Tulane Univ.* 70p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4005. Mar. 1978. SFA 23(3)

71-001443 Brummett, A. R. and J. N. Dumont. INITIAL STAGES OF SPERM PENETRATION INTO THE EGG OF *FUNDULUS HETEROCLITUS*. *J. Exp. Zool.* 210(3):417-434. Dec. 1979. SFA 25(2)

71-001444 Brusle, S. and Brusle, J. EARLY SEX DIFFERENTIATION IN /MUGIL (LIZA) AURATUS/ RISSO, 1810 (TELEOST MUGILIDAE). AN ULTRASTRUCTURAL STUDY. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 871-875. 1978. SFA 24(1)

71-001445 Bugayev, V. F. USING THE STRUCTURE OF ZONES OF CONVERGED SCLERITES ON SCALES AS A CRITERION FOR THE DIFFERENTIATION OF LOCAL GROUPINGS OF THE SOCKEYE SALMON, *ONCORHYNCHUS NERKA*, OF THE KAMCHATKA RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):733-743. 1978. SFA 25(2)

71-001446 Bullock, A. M.; Roberts, R. J. and Gordon, J. D. M. A STUDY ON THE STRUCTURE OF THE WHITING INTEGUMENT (/MERLANGIUS MERLANGUS/ L.). *J. Mar. Biol. Assoc. U.K.* 56 (1):213-226. Feb. 1976. SFA 22(3)

71-001447 Burdak, V. D. "RUNOFF RILLS" ON FISH SCALES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 451-452. 1974. SFA 21(2).

71-001448 Burdak, V. D. ON THE FUNCTIONAL IMPORTANCE OF THE RELIEF OF THE SURFACE OF THE GILL COVER IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 667-669. 1975. SFA 21(3).

71-001449 Burggren, W.; J. Dunn and K. Barnard. BRANCHIAL CIRCULATION AND GILL MORPHOMETRICS IN THE STURGEON *ACIPENSER TRANSMONTANUS*, AN ANCIENT CHONDROSTEIAN FISH. *Can. J. Zool.* 57(11):2160-2170. Nov. 1979. In English with French summ. SFA 25(2)

71-001450 Burkhardt, D. A. and Hassin, G. INFLUENCES OF CONES UPON CHROMATIC-AND LUMINOSITY- TYPE HORIZONTAL CELLS IN PIKEPERCH RETINAS. *J. Physiol.* 281: 125-137. Aug. 1978. SFA 24(1)

71-001451 Burr, B. M. A REVIEW OF THE MEXICAN STONEROLLER, /CAMPOSTOMA ORNATUM/ GIRARD (PISCES: CYPRINIDAE). *Trans. San Diego Soc. Nat. Hist.* 18 (7): 127-144. Mar. 1976. In English with Spanish summ. SFA 21(3).

71-001452 Burr, B. M. and M. S. Ellinger. DISTINCTIVE EGG MORPHOLOGY AND ITS RELATIONSHIP TO DEVELOPMENT IN THE PERCID FISH *ETHEOSTOMA PROELIARE*. *Copeia* 1980(3):556-559. 6 Sept. 1980. SFA 25(4)

71-001453 Burton, D. MELANOPHORE DISTRIBUTION WITHIN THE INTEGUMENTARY TISSUES OF TWO TELEOST SPECIES, /PSEUDOPLEURONECTES AMERICANUS/ AND /GASTEROSTEUS ACULEATUS/ FORM /LEIURUS/. *Can. J. Zool.* 56 (4): 526-535. Apr. 1978. In English with French summ. SFA 23(3)

71-001454 Burton, D. SEXUAL DIMORPHISM IN THE INTEGUMENTARY TISSUES OF THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/ FORM LEIURUS. *Copeia* 1979(3):533-535. 1 Aug. 1979. SFA 24(4)

71-001455 Burton, D. THE INTEGUMENTARY MELANOPHORE PATTERNS OF TWO TELEOST SPECIES /GASTEROSTEUS ACULEATUS/ AND /PSEUDOPLEURONECTES AMERICANUS/. *Can. J. Zool.* 53 (5): 507-515. May 1975. In English with French summ. SFA 22(1)

71-001456 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE NORTHERN PIKE (/ESOX LUCIUS/) AND MUSKELLUNGE (/ESOX MASQUINONGY/) FROM NORTHEAST PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 53(1):69-73. 1979. SFA 25(1)

71-001457 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE BLACKNOSE DACE (/RHINICHTHYS ATRATULUS/) AND LONGNOSE DACE (/RHINICHTHYS CATARACTAE/) FROM A SUSQUEHANNA RIVER TRIBUTARY. *Proc. Pa. Acad. Sci.* 53(1):56-60. 1979. SFA 25(1)

71-001458 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF CREEK CHUB AND FALLFISH FROM TWO SUSQUEHANNA RIVER TRIBUTARIES. *Prog. Fish-Cult.* 41(3):124-129. July 1979. SFA 25(1)

71-001459 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE SHORTHEAD REDHORSE (/MOXOSTOMA MACROLEPIDOTUM/) FROM THE SUSQUEHANNA RIVER. *Trans. Am. Fish. Soc.* 108 (2): 161-165. Mar. 1979. SFA 24(4)

71-001460 Buynak, G. L. and H. W. Mohr, Jr. LARVAL DEVELOPMENT OF STONEROLLER, CUTLIPS MINNOW, AND RIVER CHUB WITH DIAGNOSTIC KEYS, INCLUDING FOUR ADDITIONAL CYPRINIDS. *Prog. Fish-Cult.* 42(3):127-135. July 1980. SFA 25(4)

71-001461 Buynak, G. L. and H. W. Mohr, Jr. LARAVAL DEVELOPMENT OF THE BLUNTNOSE MINNOW (*PIMEPHALES NOTATUS*) AND FATHEAD MINNOW (*PIMEPHALES PROMELAS*) FROM NORTHEAST PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 53(2):172-176. 1979. SFA 25(3)

71-001462 Buynak, G. L. and Mohr, H. W., Jr. MICRO-PROJECTOR FOR DRAWING LARVAL FISHES. *Prog. Fish-Cult.* 40 (1): 37-38. Jan. 1978. SFA 23(2)

71-001463 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF ROCK BASS FROM THE SUSQUEHANNA RIVER. *Prog. Fish-Cult.* 41 (1): 39-42. Jan. 1979. SFA 24(2)

71-001464 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE REDBREAST SUNFISH (/LEPOMIS AURITUS/) FROM THE SUSQUEHANNA RIVER. *Trans. Am. Fish. Soc.* 107 (4): 600-604. July 1978. SFA 24(1)

71-001465 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE NORTHERN HOG SUCKER (/HYPENTELIUM NIGRICANS/), FROM THE SUSQUEHANNA RIVER. *Trans. Am. Fish. Soc.* 107 (4): 595-599. July 1978. SFA 24(1)

71-001466 Buynak, G. L. and Mohr, H. W., Jr. LARVAL DEVELOPMENT OF THE WHITE SUCKER (/CATOSTOMUS COMMERSONI/) FROM THE SUSQUEHANNA RIVER. *Proc. Pa. Acad. Sci.* 52 (2): 143-145. 1978. SFA 24(4)

71-001467 Caird, D. M. A SIMPLE CEREBELLAR SYSTEM: THE LATERAL LINE LOBE OF THE GOLDFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 127 (1): 61-74. 1978. SFA 24(1)

71-001468 Cannon, M. S.; H. H. Mollenhauer; T. E. Eurell; D. H. Lewis; A. M. Cannon and C. Tompkins. AN ULTRASTRUCTURAL STUDY OF THE LEUKOCYTES OF THE CHANNEL CATFISH, *ICTALURUS PUNCTATUS*. *J. Morphol.* 164(1):1-23. Apr. 1980. SFA 25(3)

71-001469 Capapé, C. and M. Desoutter. ETUDE MORPHOLOGIQUE DES PTÉRYGOPODES DE *TORPEDO* (*TORPEDO*) *MARMORATA* RISSO, 1810 (PISCES, TORPEDINIDAE). [THE MORPHOLOGY OF THE CLASPERS OF *TORPEDO* (*TORPEDO*) *MARMORATA* RISSO, 1810 (PISCES, TORPEDINIDAE).] *Neth. J. Zool.* 29(3):443-449. Sept. 1979. In French with English summ. SFA 25(2)

71-001470 Caporiccio, B. and Connes, R. ETUDE ULTRASTRUCTURALE DES ENVELOPPES PERIOVOCYTAIRES ET PERIOVULAIRES DE /DICENTRARCHUS LABRAX/ L. (POISSON TELEOSTEEN). [ULTRASTRUCTURAL STUDY OF THE MEMBRANES ENVELOPING THE OVOCYTES AND THE OVA OF /DICENTRARCHUS LABRAX/ L. (TELEOSTEI).] *Ann. Sci. Nat. Zool. Biol. Anim.* 19 (4): 351-368. Oct.-Dec. 1977. In French with English summ. SFA 23(3)

71-001471 Carmichael, G. J. SCALE NUMBER DIFFERENCES IN *CAMPOSTOMA* (RAFINESQUE) REARED AT DIFFERENT TEMPERATURES. *J. Tenn. Acad. Sci.* 55(2):54-55. Apr. 1980. Abstract only. SFA 25(2)

71-001472 Carscadden, J. E. and R. K. Misra. MULTIVARIATE ANALYSIS OF MERISTIC CHARACTERS OF CAPELIN (*MALLOTUS VILLOSUS*) IN THE NORTHWEST ATLANTIC. *Can. J. Fish. Aquatic Sci.* 37(4):725-729. Apr. 1980. SFA 25(2)

71-001473 Casteel, R. W. OTOLITHS AND SCALES OF MARINE CODS AND HAKE (PISCES: GADIDAE, MERLUCCIIDAE) FROM EASTERN PACIFIC WATERS OF CALIFORNIA, OREGON, WASHINGTON, AND BRITISH COLUMBIA. *Zool. Anz.* 202 (3-4): 219-225. 1979. SFA 24(4)

71-001474 Castle, P. H. J. LEPTOCEPHALUS OF THE MURAENESOCID EEL /GAVIALICEPS TAENIOLA/. *Copeia* 1977 (3): 488-492. 25 Aug. 1977. SFA 22(4)

71-001475 Castle, P. H. J. OSTEOLOGY AND RELATIONSHIPS OF THE EEL /DIASTOBRANCHUS CAPENSIS/ (PISCES, SYNAPHOBRANCHIDAE). *Pac. Sci.* 29 (2): 159-163. Apr. 1975. SFA 22(3)

71-001476 Chaturvedi, L. D.; B. D. Joshi and B. B. Sharma. THE TELENCEPHALIC FIBRE CONNECTIONS IN THREE FRESHWATER TELEOSTS. *J. Anim. Morphol. Physiol.* 26(1/2):177-181. June-Dec. 1979. SFA 25(4)

71-001477 Child, A. R. and Solomon, D. J. OBSERVATIONS ON MORPHOLOGICAL AND BIOCHEMICAL FEATURES OF SOME CYPRINID HYBRIDS. *J. Fish Biol.* 11(2):125-131. Aug. 1977. SFA 23(1)

71-001478 Christopher, W. E. and Linder, A. D. THE OSTEOCRANIUM OF THE CYPRINID FISH, /ACROCHEILUS ALUTACEUS/. *Tebiwa (Misc. Pap. Idaho State Univ. Mus. Nat. Hist.* No. 16. 19p. 15 May 1979. SFA 25(1)

71-001479 Clarke, A. J. and D. M. Witcomb. A STUDY OF THE HISTOLOGY AND MORPHOLOGY OF THE DIGESTIVE TRACT OF THE COMMON EEL (*ANGUILLA ANGUILLA*). *J. Fish Biol.* 16(2):159-170. Feb. 1980. SFA 25(2)

71-001480 Collins, B. A. and MacNichol, E. F., Jr. TRIPLE CONES FOUND IN RETINAS OF 3 FISH SPECIES. *Experientia (Basel)* 35 (1): 106-108. 15 Jan. 1979. SFA 24(2)

71-001481 Collins, L. A.; J. H. Finucane and L. E. Barger. DESCRIPTION OF LARVAL AND JUVENILE RED SNAPPER, *LUTJANUS CAMPECHANUS*. *NOAA Fish. Bull.* 77(4):965-974. 1980. SFA 25(4)

71-001482 Colman, J. A. GEOGRAPHICAL VARIATION IN FIN RAY NUMBERS IN THE NEW ZEALAND SAND FLOUNDER /RHOMBOSOLEA PLEBEIA/ (RICHARDSON). *N. Z. J. Mar. Freshwater Res.* 10 (3): 485-497. Sept. 1976. SFA 22(3)

71-001483 Cook, R. C. and Lord, G. E. IDENTIFICATION OF STOCKS OF BRISTOL BAY SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, BY EVALUATING SCALE PATTERNS WITH A POLYNOMIAL DISCRIMINANT METHOD. *NOAA Fish. Bull.* 76 (2): 415-423. Apr. 1978. SFA 23(4)

71-001484 Cooke, I. R. C. FUNCTIONAL ASPECTS OF THE MORPHOLOGY AND VASCULAR ANATOMY OF THE GILLS OF THE ENDEAVOUR DOGFISH, *CENTROPHORUS SCALPRATUS* (McCulloch) (Elasmobranchii: Squalidae). *Zoomorphologie* 94(2):167-183. 1980. SFA 25(2)

71-001485 Cooke, I. R. C. and G. Campbell. THE VASCULAR ANATOMY OF THE GILLS OF THE SMOOTH TOADFISH *TORQUIGINER GLABER* (Teleostei: Tetraodontidae). *Zoomorphologie* 94(2):151-166. 1980. SFA 25(2)

71-001486 Cooper, J. E. EGG, LARVAL AND JUVENILE DEVELOPMENT OF LONGNOSE DACE, *RHINICHTHYS CATARACTAE*, AND RIVER CHUB, *NOCOMIS MICROPOGON*, WITH NOTES ON THEIR HYBRIDIZATION. *Copeia* 1980(3):469-478. 6 Sept. 1980. SFA 25(4)

71-001487 Corwin, J. T. MORPHOLOGY OF THE MACULA NEGLECTA IN SHARKS OF THE GENUS /CARCHARHINUS/. *J. Morphol.* 152 (3): 341-351. June 1977. SFA 22(3)

71-001488 Coss, R. G. and Globus, A. SPINE STEMS ON TECTAL INTERNEURONS IN JEWEL FISH ARE SHORTENED BY SOCIAL STIMULATION. *Science* 200 (4343): 787-790. 19 May 1978. SFA 23(3)

71-001489 Craig, R. E. and Crossman, E. J. GENETIC VARIANTS IN CANADA OF THE RAINBOW TROUT, /SALMO GAIRDNERI/, CALLED GOLDEN TROUT AND PALOMINO TROUT. *Can. Field-Nat.* 91 (1): 93-94. Jan.-Mar. 1977. SFA 22(4)

71-001490 Dahlberg, M. D. MIDDORSAL SPINES IN STINGRAYS (/DASYATIS/) OF THE GEORGIA COAST. *Fla. Sci.* 40 (1): 84-86. 1977. SFA 22(3)

71-001491 Dauble, D. D.; Gray, R. H.; Hanf, R. W. and Poston, T. M. OCCURRENCE OF A WILD ALBINO CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) IN THE COLUMBIA RIVER. *Northwest Sci.* 52 (2): 108-109. May 1978. SFA 23(4)

71-001492 De Souza, W.; Machado, R. D.; Benchimol, M.; Somlo, C. and Hasson-Voloch, A. CYTOCHEMISTRY AND FREEZE-FRACTURE OF MEMBRANES ISOLATED FROM THE ELECTROCYTE OF /ELECTROPHORUS ELECTRICUS/ (L.). *Cell Tissue Res.* 202(2):275-281. Nov. 1979. SFA 25(1)

71-001493 Dehadrai, P. V.; Banerji, S. R.; Thakur, N. K. and Das, N. K. SEXUAL DIMORPHISM IN CERTAIN AIR BREATHING TELEOSTS. *J. Inland Fish. Soc. India* 5: 71-77. Dec. 1973. SFA 24(3)

71-001494 Denoncourt, R. F.; Hocutt, C. H.; Stauffer, J. R., Jr. and Menendez, R. XANTHIC CREEK CHUB, /SEMOTILUS ATROMACULATUS/, FROM WEST VIRGINIA. *Va. J. Sci.* 29 (3): 188-190. 1978. SFA 24(4)

71-001495 Denoncourt, R. F. SEXUAL DIMORPHISM AND GEOGRAPHIC VARIATION IN THE BRONZE DARTER, /PERCINA PALMARIS/ (PISCES: PERCIDAE). *Copeia* 1976(1):54-59. 12 Mar. 1976. SFA 21(1).

71-001496 Denoncourt, R. F.; Robbins, T. W. and Stauffer, J. R., Jr. A DESCRIPTION OF XANTHIC TESSELLATED DARTERS, /ETHEOSTOMA OLMSTEDI/ (TELEOSTEI: PERCIDAE). *Copeia*. 1976 (4): 813-815. 30 Dec. 1976. SFA 22(2)

71-001497 Denton, E. J. and Blaxter, J. H. S. THE MECHANICAL RELATIONSHIPS BETWEEN THE CLUPEID SWIMBLADDER, INNER EAR AND LATERAL LINE. *J. Mar. Biol. Assoc. U. K.* 56 (3): 787-807. Aug. 1976. SFA 22(3)

71-001498 Derivot, J. H.; Dupe, M. and Godet, R. ANATOMIC FONCTIONNELLE DE L'ORGANE OLFACTIF DE /PROTOPTERUS ANNECTENS/ OWEN (DIPNEUSTES) CONTRIBUTION A LA CONNAISSANCE DU MECANISME D'IRRIGATION DE L'ORGANE OLFACTIF. [FUNCTIONAL ANATOMY OF THE OLFACTORY ORGAN OF /PROTOPTERUS ANNECTENS/ OWEN (DIPNOI): CONTRIBUTION TO THE KNOWLEDGE OF THE MECHANISM OF WATER TRANSPORT THROUGH THE OLFACTORY ORGAN.] *Acta Zool. (Stockh.)* 60(4):251-257. 1979. In French with English summ. SFA 25(1)

71-001499 Desai, A. K. COMPARATIVE STRUCTURAL CHANGES IN THE KIDNEY OF *HILSA ILISHA* AND *HILSA TOLI* AS RELATED TO MIGRATORY HABITS. *J. Anim. Morphol. Physiol.* 26(1/2):220-227. June-Dec. 1979. SFA 25(4)

71-001500 Desai, A. K. HISTOLOGICAL STUDIES OF THE LIVER OF MIGRATORY FISH, /HILSA ILISHA/ AND NON-MIGRATORY /HILSA TOLI/. *J. Anim. Morphol. Physiol.* 25(1/2):119-123. June-Dec. 1978. SFA 25(1)

71-001501 Desai, A. K. HISTOLOGICAL OBSERVATIONS ON CATECHOLAMINE SECRETING CELLS IN THE HEART OF MIGRATORY *HILSA ILISHA* AND NON-MIGRATORY *HILSHA TOLI*. *J. Anim. Morphol. Physiol.* 26(1/2):252-256. June-Dec. 1979. SFA 25(4)

71-001502 Desser, S. S. and Lester, R. AN ULTRASTRUCTURAL STUDY OF THE ENIGMATIC "RODLET CELLS" IN THE WHITE SUCKER, /CATOSTOMUS COMMERSONI/ (LACEPEDE) (PISCES: CATOSTOMIDAE). *Can. J. Zool.* 53 (11): 1483-1494. Nov. 1975. In English with French summ. SFA 22(1)

71-001503 DeVane, J. C., Jr. AN ALBINO STRIPED BURRFISH /CHILOMYCTERUS SCHOEPFI/ (WALBAUM). *Chesapeake Sci.* 17 (2): 128. June 1976. SFA 21(2).

71-001504 Devitsina, G. V. COMPARATIVE MORPHOLOGY OF THE OLFACTORY ANALYZER IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):116-125. 1977. SFA 23(3)

71-001505 Dickson, D. H. and Collard, T. R. RETINAL DEVELOPMENT IN THE LAMPREY (/PETROMYZON MARINUS/ L.): PREMETAMORPHIC AMMOCOETE EYE. *Am. J. Anat.* 154 (3): 321-336. Mar. 1979. SFA 24(3)

71-001506 Dobrinskaya, L. A. CORRELATIVE INCREASE IN BODY AND BRAIN WEIGHT IN JUVENILE CARP. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9(6):566-569. July 1979. SFA 25(1)

71-001507 Dodd, M. H. I. and J. M. Dodd. ULTRASTRUCTURE OF THE OVARIAN FOLLICLE IN THE DOGFISH *SCYLIORHINUS CANICULA* L. *Gen. Comp. Endocrinol.* 40(3):330-331. Mar. 1980. SFA 25(2)

71-001508 Donato, A.; A. Contini; S. Giannetto and A. Berdar. ESAME BIOMETRICO DI UNA POPOLAZIONE DI *HYGOPHUM BENOITI* COCCO E RITROVAMENTO DI ALCUNI ESEMPLARI DI *HYGOPHUM HYGOMI* LÜTKEN (PISCES: MYCTOPHIDAE). [BYOMETRICAL ANALYSIS OF THE SPECIES *HYGOPHUM BENOITI* COCCO AND NEW CAPTURE OF SOME SPECIMENS OF *HYGOPHUM HYGOMI* LÜTKEN (PISCES: MYCTOPHIDAE). *Riv. Biol. Norm. Patol.* 3(3):133-146. 1977. In Italian with English summ. SFA 25(3)

71-001509 Donato, A.; Contini, A.; Giannetto, S. and Mauceri, A. ASPETTI CITOCHIMICI DEGLI OVOCITI DI /LEPIDOPUS CAUDATUS/ EUFRASEN (PISCES: TRICHIURIDAE) NEL CORSO DEL LORO ACCRESCIMENTO. [CYTOCHEMICAL ASPECTS OF THE GROWING OOCYTES OF /LEPIDOPUS CAUDATUS/ EUFRASEN (PISCES: TRICHIURIDAE).] *Riv. Biol. Norm. Patol.* 3(2):49-69. 1977. SFA 23(1)

71-001510 Dorsa, W. J. and R. A. Fritzsche. CHARACTERS OF NEWLY HATCHED LARVAE OF *MORONE CHRYSOPS* [PISCES, PERCICHTHYIDAE], FROM YOCONA RIVER, MISSISSIPPI. *J. Miss. Acad. Sci.* 24:37-41. 1979. SFA 25(2)

71-001511 Doving, K. B.; Dubois-Dauphin, M.; Holley, A. and Jourdan, F. FUNCTIONAL ANATOMY OF THE OLFACTORY ORGAN OF FISH AND THE CILIARY MECHANISM OF WATER TRANSPORT. *Acta Zool. (Stockh.)* 58 (4): 245-255. 1977. SFA 23(2)

71-001512 Dowling, J. E. and Ehinger, B. THE INTERPLEXIFORM CELL SYSTEM. I. SYNAPSES OF THE DOPAMINERGIC NEURONS OF THE GOLDFISH RETINA. *Proc. R. Soc. Lond. B Biol. Sci.* 201 (1142): 13 Apr. 1978. SFA 23(3)

71-001513 Doyle, M. J. A MORPHOLOGICAL STAGING SYSTEM FOR THE LARVAL DEVELOPMENT OF THE HERRING, /CLUPEA HARENGUS/ L. *J. Mar. Biol. Assoc. U.K.* 57 (3): 859-867. Aug. 1977. SFA 23(1)

71-001514 Dubale, M. S. and Nair, C. N. OSTEOLOGY OF THE HEADS OF TWO SPECIES OF ROHTEE (FAMILY: CYPRINIDAE, /R. COTIO/ AND /R. ALFREDIANA/). *J. Anim. Morphol. Physiol.* 24 (2): 310-332. Dec. 1977. SFA 23(3)

71-001515 Dudnik, Yu. I. [A CONTRIBUTION TO THE BIOLOGY OF LARVAE AND FRY OF MORWONGS (PISCES, CHEILODACTYLIDAE) OF THE ATLANTIC OCEAN.] *Zool. Zh.* 56 (11): 1658-1667. Nov. 1977. In Russian with English summ. SFA 23(2)

71-001516 Dunel-Erb, S. and P. Laurent. ULTRASTRUCTURE OF MARINE TELEOST GILL EPITHELIA: SEM AND TEM STUDY OF THE CHLORIDE CELL APICAL MEMBRANE. *J. Morphol.* 165(2):175-186. Aug. 1980. SFA 25(4)

71-001517 Dunkelberger, D. G.; J. M. Dean and N. Watabe. THE ULTRASTRUCTURE OF THE OTOLITHIC MEMBRANE AND OTOLITH IN THE JUVENILE MUMMICHOG, *FUNDULUS HETEROCLITUS*. *J. Morphol.* 163(3):367-377. Mar. 1980. SFA 25(3)

71-001518 Dutta, H. M. COMPARATIAVE ANALYSIS OF THE HYOMANDIBULA DURING RESPIRATION IN ANABANTOID TELEOST FISHES: *MACROPODUS OPERCULARIS* IN RELATION TO *CTENOPOMA ACUTIROSTRE* AND *ANABAS TESTUDINEUS*. *Zoomorphologie* 94(2):185-202. 1980. SFA 25(2) [Dep. Biol. Sci., Kent State Univ., Kent, OH 44242]

71-001519 Dzhumaliyev, M. K. THE MORPHOLOGY AND TROPHIC CHARACTERISTICS OF THE SWIM BLADDER IN SOME ORDERS OF FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 284-292. 1977. SFA 23(3)

71-001520 Eakin, R. R. THE OSTEOLOGY AND RELATIONSHIPS OF THE FISHES OF THE ANTARCTIC FAMILY HARPACIFERIDAE (PISCES, NOTOTHENIOIDEI). *Ph.D. dissertation, Univ. Me.* 252 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-001521 Eastman, J. T. THE CAUDAL SKELETONS OF CATOSTOMID FISHES. *Am. Midl. Nat.* 103(1):133-148. Jan. 1980. SFA 25(2)

71-001522 Eastman, J. T. THE PHARYNGEAL BONES AND TEETH OF CATOSTOMID FISHES. *Am. Midl. Nat.* 97 (1): 68-88. Jan. 1977. SFA 22(3)

71-001523 Eckelbarger, K. J.; R. Scalan and J. A. C. Nicol. THE OUTER RETINA AND TAPETUM LUCIDUM OF THE SNOOK *CENTROPOMUS UNDECIMALIS* (TELEOSTEI). *Can. J. Zool.* 58(6):1042-1051. June 1980. In English with French summ. SFA 25(3)

71-001524 Edwards, R. J.; Marsh, E. and Stevens, F. B., Jr. THE UTILITY OF THE AIR BLADDER POSITION IN DETERMINING SPECIFIC RELATIONSHIPS IN THE ATHERINID GENUS /MENIDIA/. *Contrib. Mar. Sci.* 21: 1-7. Aug. 1978. SFA 24(1)

71-001525 Ehinger, B.; Holmberg, K. and Ohman, P. AMINERGIC AND INDOLEAMINE ACCUMULATING NEURONS IN THE RETINA OF THE RIVER LAMPREY (/LAMPETRA FLUVIATILIS/). *Acta Zool. (Stockh.)* 58 (3): 117-123. 1977. SFA 23(1)

71-001526 Eichelberg, H. FINE STRUCTURE OF THE DRUM MUSCLES OF THE PIRANHA (SERRASALMINAE, CHARACIDAE). *Cell Tissue Res.* 185 (4): 547-555. 28 Dec. 1977. SFA 23(2)

71-001527 Ekengren, B.; Peute, J. and Fridberg, G. THE DISTRIBUTION AND NATURE OF GONADOTROPIC CELLS IN THE ROSTRAL PARS DISTALIS OF THE ATLANTIC SALMON, /SALMO SALAR/. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 799-804. 1978. SFA 24(1)

71-001528 El-Ibiary, H. M.; T. K. Hill; J. A. Joyce and J. W. Andrews. PHENOTYPIC CORRELATIONS BETWEEN COMMERCIAL CHARACTERS IN CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:420-425. 1978[1979]. SFA 25(2)

71-001529 Ellertsen, B.; P. Solemdal; T. Strømme; S. Tilseth;T. Westgård; E. Moksness and V. Øiestad. SOME BIOLOGICAL ASPECTS OF COD LARVAE (*GADUS MORHUA* L.). *Fiskeridir. Skr. Ser. Havunders.* 17(2):29-47. 1980. SFA 25(4)

71-001530 Ellis, A. E. LEUCOCYTES AND RELATED CELLS IN THE PLAICE /PLEURONECTES PLATESSA/. *J. Fish Biol.* 8 (2): 143-156. Feb. 1976. SFA 22(1)

71-001531 Elshoud, G. C. A. RESPIRATION IN THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L.; AN ELECTROMYOGRAPHIC APPROACH. *Neth. J. Zool.* 28 (3,4): 524-544. Sept.-Dec. 1978. SFA 24(2)

71-001532 Emel'yanova, N. G. ULTRASTRUCTURE OF OOGONIA AND OOCYTES IN SILVER CARP. *Sov. J. Dev. Biol.(Engl. Transl. Ontogenez)* 10(2):126-132. Mar.-Apr. 1980. SFA 25(2)

71-001533 Evseenko, S. A. [SOME DATA ON METAMORPHOSIS OF LARVAE OF THE GENUS /BOTHUS/ (PISCES, BOTHIDAE) FROM THE CARIBBEAN SEA.] *Zool. Zh.* 57 (7): 1040-1047. July 1978. In Russian with English summ. SFA 24(1)

71-001534 Ezzat, A. A.; Hashem, M. T. and El Gharabawy, M. M. BIOMETRIC VARIATIONS IN /SOLEA VULGARIS/ ACCLIMATIZED IN LAKE QUARUN, UPPER EGYPT. *J. Fish Biol.* 14 (1): 39-46. Jan. 1979. SFA 24(2)

71-001535 Fable, W. A., Jr.; Williams, T. D. and Arnold, C. R. DESCRIPTION OF REARED EGGS AND YOUNG LARVAE OF THE SPOTTED SEATROUT, /CYNOSCION NEBULOSUS/. *NOAA Fish. Bull.* 76 (1): 65-71. Jan. 1978. SFA 23(3)

71-001536 Fahy, W. E. THE INFLUENCE OF CROWDING UPON THE TOTAL NUMBER OF VERTEBRAE DEVELOPING IN /FUNDULUS MAJALIS/ (WALBAUM). *J. Cons. Cons. Int. Explor. Mer* 38 (2): 252-256. Nov. 1978. SFA 24(2)

71-001537 Falcon, J. L'ORGANE PINEAL DU BROCHET (/ESOX LUCIUS/, L.). I. ETUDE ANATOMIQUE ET CYTOLOGIQUE. [THE PINEAL ORGAN OF THE PIKE, /ESOX LUCIUS/ L. I. A LIGHT AND ELECTRON MICROSCOPIC STUDY.] *Ann. Biol. Anim. Biochim. Biophys.* 19 (2): 445-465. 1979. In French with English summ. SFA 24(3)

71-001538 Famiglietti, E. V., Jr.; Kaneko, A. and Tachibana, M. NEURONAL ARCHITECTURE OF ON AND OFF PATHWAYS TO GANGLION CELLS IN CARP RETINA. *Science* 198 (4323): 1267-1269. 23 Dec. 1977. SFA 23(2)

71-001539 Fange, R. SIZE RELATIONS OF LYMPHOMYELOID ORGANS IN SOME CARTILAGINOUS FISH. *Acta Zool. (Stockh.)* 58 (3): 125-128. 1977. SFA 23(1)

71-001540 Fava, J. A., Jr. and Tsai, C.-F. TUBERCULATION OF THE PEARL DACE, /SEMOTILUS MARGARITA/ (PISCES: CYPRINIDAE). *Copeia* 1976 (2): 370-374. May 1976. SFA 21(2).

71-001541 Fay, R. R. and Popper, A. N. MODES OF STIMULATION OF THE TELEOST EAR. *J. Exp. Biol.* 62 (2): 379-387. Apr. 1975. SFA 22(2)

71-001542 Fedorova, G. V. MORPHOMETRIC CHARACTERISTICS OF THE BALTIC LAKE SMELT [/OSMERUS EPERLANUS EPERLANUS/ MORPHA /SPIRINCHUS/] OF LAKES ILMEN AND SELIGER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):203-208. 1974. SFA 21(2).

71-001543 Ferguson, H. W. THE ULTRASTRUCTURE OF PLAICE (/PLEURONECTES PLATESSA/) LEUCOCYTES. *J. Fish Biol.* 8 (2): 139-142. Feb. 1976. SFA 22(1)

71-001544 Filyushina, Ye. Ye. and Bakhmin, Ye. K. ELECTRON-MICROSCOPIC INVESTIGATION OF THE OLFACTORY EPITHELIUM OF THE BAIKAL OMUL /COREGONUS AUTUMNALIS MIGRATORIUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 284-290. 1975. SFA 21(3).

71-001545 Fine, M. L. SEXUAL DIMORPHISM OF THE GROWTH RATE OF THE SWIMBLADDER OF THE TOADFISH /OPSANUS TAU/. *Copeia* 1975(3):483-490. 5 Aug. 1975. SFA 21(1).

71-001546 Fishelson, L. SCANNING AND TRANSMISSION ELECTRON MICROSCOPY OF THE SQUAMOSE GILL-FILAMENT EPITHELIUM FROM FRESH- AND SEAWATER ADAPTED *TILAPIA*. *Environ. Biol. Fishes* 5(2):161-165. 22 Apr. 1980. SFA 25(3)

71-001547 Fives, J. M. AN ACCOUNT OF THE EGGS AND EARLY DEVELOPMENTAL STAGES OF MONTAGU'S BLENNY, *CORYPHOBLENNIUS GALERITA* (L.), WITH NOTES ON THE REPRODUCTIVE BEHAVIOUR OF THE ADULTS. *J. Mar. Biol. Assoc. U.K.* 60(3):749-757. Aug. 1980. SFA 25(4)

71-001548 Forrester, C. R. and Alderdice, D. F. LABORATORY OBSERVATIONS ON EARLY DEVELOPMENT OF THE PACIFIC HALIBUT (/HIPPOGLOSSUS STENOLEPIS/). *Int. Pac. Halibut Comm. Tech. Rep.* No. 9. 13p. 1973. SFA 22(3)

71-001549 Fouda, M. M. STUDIES ON SCALE STRUCTURE IN THE COMMON GOBY /POMATOSCHISTUS MICROPS/ KROYER. *J. Fish Biol.* 15(2):173-183. Aug. 1979. SFA 25(1)

71-001550 Frame, D. W.; Andrews, T. J. and Cole, C. F. OSTEOLOGY OF THE AMERICAN PLAICE, /HIPPOGLOSSOIDES PLATESSOIDES/. *Postilla* No. 173. 32p. 12 Apr. 1978. SFA 24(2)

71-001551 Francillon, H. DEVELOPPEMENT DE LA PARTIE ANTERIEURE DE LA MANDIBULE DE /SALMO TRUTTA FARIO/ L. (PISCES, TELEOSTEI, SALMONIDAE). [DEVELOPMENT OF THE ANTERIOR PART OF THE MANDIBLE IN /SALMO TRUTTA FARIO/ L. (PISCES, TELEOSTEI, SALMONIDAE).] *Zool. Scr.* 6 (3): 245-251. 1977. In French with English summ. SFA 23(2)

71-001552 Freihofer, W. C. CRANIAL NERVES OF A PERCOID FISH, /POLYCENTRUS SCHOMBURGKII/ (FAMILY NANDIDAE), A CONTRIBUTION TO THE MORPHOLOGY AND CLASSIFICATION OF THE ORDER PERCIFORMES. *Calif. Acad. Sci. Occas. Pap.* No. 128. 78p. 22 June 1978. SFA 23(4)

71-001553 Freihofer, W. C. CRANIAL NERVES OF A PERCOID FISH, /POLYCENTRUS SCHOMBURGKII/ (FAMILY NANDIDAE), A CONTRIBUTION TO THE MORPHOLOGY AND CLASSIFICATION OF THE ORDER PERCIFORMES. *Occas. Pap. Calif. Acad. Sci.* No. 128. 78p. 22 June 1978. SFA 23(4)

71-001554 Frese, J.-H. ULTRASTRUCTURE OF THE EXTRACUTANEOUS PIGMENT CELLS IN THE PLAICE (/PLEURONECTES PLATESSA/, L., TELEOSTEI). *Cell Tissue Res.* 195 (1): 123-144. 1978. SFA 24(2)

71-001555 Fribourgh, J. H. MORPHOLOGY OF THE BROOK TROUT SPERMATOZOON AS DETERMINED BY SCANNING AND TRANSMISSION ELECTRON MICROSCOPY. *Prog. Fish-Cult.* 40 (1): 26-29. Jan. 1978. SFA 23(2)

71-001556 Fribourgh, J. H. and Soloff, B. L. SCANNING ELECTRON MICROSCOPY OF THE RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) SPERMATOZOON. *Proc. Ark. Acad. Sci.* 30: 41-43. 1976. SFA 22(3)

71-001557 Fritzsche, R. A. FIRST DESCRIPTION OF THE ADULT MALE OF MICROGNATHUS BRACHYRHINUS/ (PISCES, SYNGNATHIDAE). *Pac. Sci.* 29 (3): 267-268. July 1975. SFA 22(3)

71-001558 Fruge, D. J. and Truesdale, F. M. COMPARATIVE LARVAL DEVELOPMENT OF /MICROPOGON UNDULATUS/ AND /LEIOSTOMUS XANTHURUS/ (PISCES: SCIAENIDAE) FROM THE NORTHERN GULF OF MEXICO. *Copeia* 1978 (4): 643-648. 28 Dec. 1978. SFA 24(2)

71-001559 Fuiman, L. A. and Loos, J. J. MORPHOLOGICAL CHANGES DURING THE LARVAL DEVELOPMENT OF THE CUTLIPS MINNOW, /EXOGLOSSUM MAXILLINGUA/. *Trans. Am. Fish. Soc.* 107 (4): 605-612. July 1978. SFA 24(1)

71-001560 Fuiman, L. A. MATERIALS FOR A DESCRIPTION OF LAKE CHUBSUCKER, (/ERIMYZON SUCETTA/), LARVAE. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 92-99. 1979. SFA 24(3)

71-001561 Fuiman, L. A. NOTES ON THE EARLY DEVELOPMENT OF THE SEA RAVEN, /HEMITRIPTERUS AMERICANUS/. *NOAA Fish. Bull.* 74 (2): 467-470. Apr. 1976. SFA 21(2).

71-001562 Fujii, R. and Miyashita, Y. PHOTOELECTRIC RECORDING OF MOTILE RESPONSES OF FISH LEUCOPHORES. *Annot. Zool. Jpn.* 52 (2): 87-94. June 1979. SFA 24(4)

71-001563 Galis, F. and C. D. N. Barel. COMPARATIVE FUNCTIONAL MORPHOLOGY OF THE GILLS OF AFRICAN LACUSTRINE CICHLIDAE (PISCES, TELEOSTEI). AN ECO-MORPHOLOGICAL APPROACH. *Neth. J. Zool.* 30(2):392-430. June 1980. SFA 25(4)

71-001564 Gardiner, D. M. FINE STRUCTURE OF THE SPERMATOZOON OF THE VIPAROUS TELEOST, /CYMATOGASTER AGGREGATA/. *J. Fish Biol.* 13 (4): 435-438. Oct. 1978. SFA 24(1)

71-001565 Garlov, P. E. ULTRASTRUCTURAL ORGANIZATION OF THE NEUROINTERMEDIATE COMPLEX OF THE HYPOPHYSIS OF /ONCORHYCHUS GORBUSCHA/ (WALBAUM). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 231 (1-6): 534-537. May 1977. SFA 22(4)

71-001566 Garrick, J. A. F. and Inada, T. DIMENSIONS OF LONG-NOSED CHIMAERA /HARRIOTTA RALEIGHANA/ FROM NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 9 (2): 159-167. June 1975. SFA 21(3).

71-001567 Gaudant, M. OBSERVATIONS SUR L'ANATOMIE DES NAGEOIRES DORSALE ET ANALE DE CERTAINS POISSONS TELEOSTEENS. [OBSERVATIONS ON THE ANATOMY OF DORSAL AND ANAL FINS OF SOME TELEOSTEAN FISH.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284 (24): 2479-2482. 27 June 1977. In French with English summ. SFA 22(4)

71-001568 Gauldie, R. W.; E. J. Graynoth and J. Illingworth. THE RELATIONSHIP OF THE IRON CONTENT OF SOME FISH OTOLITHS TO TEMPERATURE. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(1):19-24. 1980. SFA 25(3)

71-001569 Gee, J. H. BUOYANCY AND AERIAL RESPIRATION: FACTORS INFLUENCING THE EVOLUTION OF REDUCED SWIM-BLADDER VOLUME OF SOME CENTRAL AMERICAN CATFISHES (TRICHOMYCTERIDAE, CALLICHTHYIDAE, LORICARIIDAE, ASTROBLEPIDAE). *Can. J. Zool.* 54 (7): 1030-1037. July 1976. In English with French summ. SFA 21(4)

71-001570 Geerlink, P. J. THE ANATOMY OF THE PECTORAL FIN IN /SAROTHERODON NILOTICUS/ TREWAVAS (CICHLIDAE). *Neth. J. Zool.* 29(1):9-32. Mar. 1979. SFA 25(1)

71-001571 Gelinek, E. ON THE AMPULLARY ORGANS OF THE SOUTH-AMERICAN PADDLE-FISH /SORUBIM LIMA/ (SILUROIDEA, PIMELODIDAE). *Cell Tissue Res.* 190 (2): 357-369. 1978. SFA 23(4)

71-001572 Georgi, T. A. and Beedle, D. THE HISTOLOGY OF THE EXCRETORY KIDNEY OF THE PADDLEFISH, /POLYODON SPATHULA/. *J. Fish Biol.* 13 (5): 587-590. Nov. 1978. SFA 24(2)

71-001573 Geraudie, J. THE FINE STRUCTURE OF THE EARLY PELVIC FIN BUD OF THE TROUTS /SALMO GAIRNDERI/ AND /S. TRUTTA FARIO/. *Acta Zool. (Stockh.)* 59 (2): 85-96. 1978. SFA 24(1)

71-001574 Gilbert, P. W. STRUCTURE AND FUNCTION OF SHARK SIPHON SACS. *Fla. Sci.* 43(Suppl. 1):9. 1980. Abstract only. SFA 25(2)

71-001575 Giraud, M.-M.; Castanet, J.; Meunier, F. J. and Bouligand, Y. ORGANISATION SPATIALE DE L'ISOPEDINE DES ECAILLES DU COELACANTHE (/LATIMERIA CHALUMNAE/, SMITH). [SPATIAL ORGANIZATION OF ISOPEDINE IN THE SCALES OF THE COELACANTH (/LATIMERIA CHALUMNAE/, SMITH).] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 287(5):487-489. 18 Sept. 1978. In French with English summ. SFA 24(1)

71-001576 Gobalet, K. W. FUNCTIONAL MORPHOLOGY OF THE HEAD OF PARROTFISHES OF THE GENUS *SCARUS*. *Ph.D. dissertation, Univ. Calif. (Davis)* 231p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):772. Sept. 1980. SFA 25(4)

71-001577 Gorbunova, N. N. and Zvyagina, O. A. EGGS AND LARVAE OF THE SCALED SARDINE (/HARENGULA PENSACOLAE/) (PISCES, CLUPIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.) 15(5):829-833. 1975. SFA 22(1)*

71-001578 Gorshkov, S. A. A COMPARATIVE MORPHOLOGICAL DESCRIPTION OF THE CHUM SALMON, ONCORHYNCHUS KETA, FROM DIFFERENT LOCAL POPULATIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):10-23. 1979. SFA 25(4)

71-001579 Gosheva, T. D. OTOLITH STRUCTURE AND GROWTH CHARACTERISTICS OF THE WHITE SEA HERRING (/CLUPEA HARENGUS MARIS-ALBI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 872-877. 1977. SFA 24(1)

71-001580 Gosline, W. A. THE STRUCTURE AND FUNCTION OF THE DERMAL PECTORAL GIRDLE IN BONY FISHES WITH PARTICULAR REFERENCE TO OSTARIOPHYSINES. *J. Zool. (Lond.)* 183 (3): 329-338. Nov. 1977. SFA 23(2)

71-001581 Graf, R. and Schluns, J. ULTRASTRUCTURAL AND HISTOCHEMICAL INVESTIGATION OF THE TERMINAL CAPILLARIES IN THE SPLEEN OF THE CARP (/CYPRINUS CARPIO/ L.). *Cell Tissue Res.* 196 (2): 289-306. 1979. SFA 24(3)

71-001582 Graham-Smith, W. ON SOME VARIATIONS IN THE LATERO-SENSORY LINES OF THE PLACODERM FISH /BOTHRIOLEPIS/. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 282 (986): 1-39. 3 Feb. 1978. SFA 23(3)

71-001583 Graham-Smith, W. ON THE LATERAL LINES AND DERMAL BONES IN THE PARIETAL REGION OF SOME CROSSOPTERYGIAN AND DIPNOAN FISHES. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 282 (986): 41-105. 3 Feb. 1978. SFA 23(3)

71-001584 Grant, C. J. and Spain, A. V. VARIATION IN THE BODY SHAPE OF THREE SPECIES OF AUSTRALIAN MULLETS (PISCES: MUGILIDAE) DURING THE COURSE OF DEVELOPMENT. *Aust. J. Mar. Freshwater Res.* 28 (6): 723-738. Dec. 1977. SFA 23(3)

71-001585 Grant, C. J.; Spain, A. V. and Jones, P. N. STUDIES OF SEXUAL DIMORPHISM AND OTHER VARIATION IN NINE SPECIES OF AUSTRALIAN MULLETS (PISCES: MUGILIDAE). *Aust. J. Zool.* 25 (4): 615-630. Oct. 1977. SFA 23(2)

71-001586 Greenwood, P. H. NOTES ON THE ANATOMY AND CLASSIFICATION OF ELOPOMORPH FISHES. *Bull. Br. Mus. (Nat. Hist.) Zool.* 32(4):65-102. 29 Sept. 1977. SFA 23(2)

71-001587 Greer-Walker, M. and Pull, G. A. A SURVEY OF RED AND WHITE MUSCLE IN MARINE FISH. *J. Fish Biol.* 7 (3): 295-300. May 1975. SFA 22(2)

71-001588 Grimm, H. VERÄNDERUNGEN IN DER VARIABILITÄT VON POPULATIONEN DES ZAHNKARPFENS *APHANIUS ANATOLIAE* (LEIDENFROST, 1912) WÄHREND 30 JAHREN: 1943-1974. [CHANGES IN THE VARIABILITY OBSERVED IN POPULATIONS OF THE CYPRINODONT *APHANIUS ANATOLIAE* OVER A PERIOD OF 30 YEARS: 1943-1974.] *Z. Zool. Syst. Evolutionsforsch.* 17(4):272-280. Dec. 1979. In German with English summ. SFA 25(2)

71-001589 Grizzle, J. M. and W. A. Rogers. ANATOMY AND HISTOLOGY OF THE CHANNEL CATFISH. *Auburn Univ. Agric. Exp. Stn.* v + 94p. 1976. SFA 25(3)

71-001590 Grizzle, J. M. and Curd, M. R. POSTHATCHING HISTOLOGICAL DEVELOPMENT OF THE DIGESTIVE SYSTEM AND SWIM BLADDER OF LOGPERCH, /PERCINA CAPRODES/. *Copeia* 1978 (3): 448-455. 10 Aug. 1978. SFA 23(4)

71-001591 Grobecker, D. B. and Pietsch, T. W. SECOND SPECIMEN OF THE RARE DEEP-SEA ANGLERFISH /ONEIRODES MACRONEMA/ (ONEIRODIDAE). *Copeia* 1978 (3): 547-548. 10 Aug. 1978. SFA 23(4)

71-001592 Gross, H. P. NATURAL SELECTION BY PREDATORS ON THE DEFENSIVE APPARATUS OF THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *Can. J. Zool.* 56 (3): 398-413. Mar. 1978. In English with French summ. SFA 23(3)

71-001593 Gruber, S. H. THE VISUAL SYSTEM OF SHARKS: ADAPTATIONS AND CAPABILITY. *Am. Zool.* 17 (2): 453-469. 1977. SFA 22(4)

71-001594 Gupta, R. K. COURSE OF CEPHALIC SENSORY CANALS IN /BAGARIUS BAGARIUS/ (HAM.). *J. Anim. Morphol. Physiol.* 24 (2): 333-338. Dec. 1977. SFA 23(3)

71-001595 Gupta, R. K. MORPHO-HISTOLOGY OF THE BRAIN OF SISORID CATFISH *BAGARIUS BAGARIUS* (HAM). *J. Anim. Morphol. Physiol.* 26(1/2):71-76. June-Dec. 1979. SFA 25(4)

71-001596 Haaker, P. L. ABNORMAL VERTEBRAL DEVELOPMENT IN NORTHERN ANCHOVY, /ENGRAULIS MORDAX/ GIRARD. *Calif. Fish Game* 63 (3): 182-185. July 1977. SFA 23(1)

71-001597 Hakim, A.; Datta Munshi, J. S. and Hughes, G. M. MORPHOMETRICS OF THE RESPIRATORY ORGANS OF THE INDIAN GREEN SNAKE-HEADED FISH, /CHANNA PUNCTATA/. *J. Zool. (Lond.)* 184(4):519-543. Apr. 1978. SFA 23(4)

71-001598 Hama, K. A STUDY OF THE FINE STRUCTURE OF THE PIT ORGAN OF THE COMMON JAPANESE SEA EEL /CONGER MYRIASTER/. *Cell Tissue Res.* 189 (3): 375-388. 1978. SFA 23(4)

71-001599 Hambrick, P. S. and Spieler, R. E. NOTES ON ANOMALOUS FISHES FROM LOUISIANA. *Proc. La. Acad. Sci.* 38: 27-30. Dec. 1975. SFA 24(1)

71-001600 Hambrick, P. S. and Spieler, R. E. MOUTHLESS CYPRINIFORM FISHES FROM LOUISIANA AND ARKANSAS. *Southwest. Nat.* 22 (1): 143-146. 1 Mar. 1977. SFA 22(3)

71-001601 Hansen, G. N.; B. L. Hansen and L. Hummer. THE CELL TYPES IN THE ADENOHYPOPHYSIS OF THE SOUTH-AMERICAN LUNGFISH, *LEPIDOSIREN PARADOXA*, WITH SPECIAL REFERENCE TO IMMUNOCYTOCHEMICAL IDENTIFICATION OF THE CORTICOTROPIN-CONTAINING CELLS. *Cell Tissue Res.* 209(1):147-160. July 1980. SFA 25(4)

71-001602 Hansen, S. J. and Youson, J. H. CELL RENEWAL IN THE EPITHELIUM OF THE ALIMENTARY TRACT OF THE LARVAL LAMPREY, /PETROMYZON MARINUS/ L. *J. Morphol.* 155 (2): 219-236. Feb. 1978. SFA 23(2)

71-001603 Hansen, S. J. and Youson, J. H. MORPHOLOGY OF THE EPITHELIUM IN THE ALIMENTARY TRACT OF THE LARVAL LAMPREY, /PETROMYZON MARINUS/ L. *J. Morphol.* 155 (2): 193-218. Feb. 1978. SFA 23(2)

71-001604 Harrington, R. W., Jr. and Crossman, R. A., Jr. TEMPERATURE-INDUCED MERISTIC VARIATION AMONG THREE HOMOZYGOUS GENOTYPES (CLONES) OF THE SELF-FERTILIZING FISH /RIVULUS MARMORATUS/. *Can. J. Zool.* 54 (7): 1143-1155. July 1976. In English with French summ. SFA 21(4)

71-001605 Hart, N. and Schumann, J. ORGANIZATION OF THE CORTICAL CYTOPLASM IN THE UNACTIVATED EGG OF /FUNDULUS/. *Am. Zool.* 18 (3): 619. 1978. Abstract only. SFA 24(2)

71-001606 Hattingh, J. THE SURFACE AREA OF MUDFISH. *J. Fish Biol.* 8 (1): 19-22. June 1976. SFA 22(1)

71-001607 Hebrank, M. R. MECHANICAL PROPERTIES AND LOCOMOTOR FUNCTIONS OF EEL SKIN. *Biol. Bull. (Woods Hole)* 158(1):58-68. Feb. 1980. SFA 25(2)

71-001608 Hensley, D. A. LARVAL DEVELOPMENT OF /ENGYOPHRYS SENTA/ (BOTHIDAE), WITH COMMENTS ON INTERMUSCULAR BONES IN FLATFISHES. *Bull. Mar. Sci.* 27 (4): 681-703. Oct. 1977. SFA 23(2)

71-001609 Henze, M.; Rempeters, G. and Anders, F. PTERIDINES IN THE SKIN OF XIPHOPHORINE FISH (/POECILIIDAE/). *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (1): 35-46. 1977. SFA 22(1)

71-001610 Hickey, C. R., Jr.; Young, B. H. and Bishop, R. D. SKELETAL ABNORMALITIES IN STRIPED BASS. *N.Y. Fish Game J.* 24 (1): 69-85. Jan. 1977. SFA 22(2)

71-001611 Hicks, D. C. A POPULATION OF ALBINO BLACK BULLHEADS, /ICTALURUS MELAS/. *Copeia* 1978 (1): 184-185. 10 Feb. 1978. SFA 23(2)

71-001612 Hikita, T. [THE SPOTLESS RAINBOW TROUT (/SALMO GAIRDNERI/) COLLECTED IN THE NISHITTAPPU RIVER, SOUTHWESTERN COAST OF HOKKAIDO, JAPAN.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 75-78. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-001613 Hinton, D. E. and Pool, C. R. ULTRASTRUCTURE OF THE LIVER IN CHANNEL CATFISH /ICTALURUS PUNCTATUS/ (RAFINESQUE). *J. Fish Biol.* 8 (3): 209-219. Mar. 1976. SFA 22(1)

71-001614 Hirji, K. N. and Courtney, W. A. M. 'PEAR-SHAPED' CELLS IN THE DIGESTIVE TRACT OF THE PERCH /PERCA FLUVIATILIS/ (L.). *J. Fish Biol.* 15(4):469-472. Oct. 1979. SFA 25(1)

71-001615 Hirji, K. N. and W. A. M. Courtney. 'PEAR-SHAPED' CELLS IN THE DIGESTIVE TRACT OF THE PERCH *PERCA FLUVIATILIS* (L.). *J. Fish Biol.* 15(6):629-632. Dec. 1979. SFA 25(2)

71-001616 Hocutt, C. H. and Stauffer, J. R., Jr. BARBEL ANOMALY IN /NOTURUS FLAVUS/ RAFINESQUE. *Proc. Pa. Acad. Sci.* 50 (2): 117-118. 1976. SFA 22(3)

71-001617 Hoffmann, R.; P. Wondrak and W. Groth. SEASONAL ANATOMICAL VARIATIONS IN THE TESTES OF EUROPEAN PIKE, *ESOX LUCIUS* L. *J. Fish Biol.* 16(5):475-482. May 1980. SFA 25(4)

71-001618 Holeton, G. F. RESPIRATORY MORPHOMETRICS OF WHITE AND RED BLOODED ANTARCTIC FISH. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (2): 215-220. 1976. SFA 22(1)

71-001619 Holmberg, K. ELECTRON MICROSCOPIC ANALYSIS OF THE INNER SYNAPTIC LAYER IN THE RIVER LAMPREY (/LAMPETRA FLUVIATILIS/). *Acta Zool. (Stockh.)* 59 (2): 107-117. 1978. SFA 24(1)

71-001620 Hossler, F. E.; Ruby, J. R. and McIlwain, T. D. THE GILL ARCH OF THE MULLET, /MUGIL CEPHALUS/. I. SURFACE ULTRASTRUCTURE. *J. Exp. Zool.* 208 (3): 379-398. June 1979. SFA 24(4)

71-001621 Hossler, F. E.; Ruby, J. R. and McIlwain, T. D. THE GILL ARCH OF THE MULLET, /MUGIL CEPHALUS/. II. MODIFICATION IN SURFACE ULTRASTRUCTURE AND NA,K-ATPASE CONTENT DURING ADAPTATION TO VARIOUS SALINITIES. *J. Exp. Zool.* 208 (3): 399-406. June 1979. SFA 24(4)

71-001622 Hubbs, C. L. and Follett, W. I. ANATOMICAL NOTES ON AN ADULT MALE OF THE DEEP-SEA OPHIDIID FISH /PARABASSOGIGAS GRANDIS/ FROM OFF CALIFORNIA. *Proc. Calif. Acad. Sci.* 41 (17): 389-399. 28 Dec. 1978. SFA 24(2)

71-001623 Huebner, E. and Chee, G. HISTOLOGICAL AND ULTRASTRUCTURAL SPECIALIZATION OF THE DIGESTIVE TRACT OF THE INTESTINAL AIR BREATHER /HOPLOSTERNUM THORACATUM/ (TELEOST). *J. Morphol.* 157 (3): 301-328. Sept. 1978. SFA 24(1)

71-001624 Hueter, R. E. and S. H. Gruber. RECENT ADVANCES IN STUDIES OF THE VISUAL SYSTEM OF THE JUVENILE LEMON SHARK *(NEGAPRION BREVIROSTRIS)*. *Fla. Sci.* 43(Suppl. 1):10. 1980. Abstract only. SFA 25(2)

71-001625 Hughes, G. M. and A. K. Mittal. STRUCTURE OF THE GILLS OF *BARBUS SOPHOR* (HAM), A CYPRINID WITH TERTIARY LAMELLAE. *J. Fish Biol.* 16(4):461-467. Apr. 1980. SFA 25(3)

71-001626 Hughes, G. M. and Iwai, T. A MORPHOMETRIC STUDY OF THE GILLS IN SOME PACIFIC DEEP-SEA FISHES. *J. Zool. (Lond.)* 184 (2): 155-170. Feb. 1978. SFA 23(3)

71-001627 Hughes, G. M. and Munshi, J. S. D. FINE STRUCTURE OF THE GILLS OF SOME INDIAN AIR-BREATHING FISHES. *J. Morphol.* 160 (2): 169-194. May 1979. SFA 24(4)

71-001628 Hughes, G. M. and Datta Munshi, J. S. SCANNING ELECTRON MICROSCOPY OF THE RESPIRATORY SURFACES OF /SACCOBRANCHUS/ (/HETEROPNEUSTES/) /FOSSILIS/ (BLOCH). *Cell Tissue Res.* 195 (1): 99-109. 1978. SFA 24(2)

71-001629 Hughes, G. M. and Perry, S. F. MORPHOMETRIC STUDY OF TROUT GILLS: A LIGHT-MICROSCOPIC METHOD SUITABLE FOR THE EVALUATION OF POLLUTANT ACTION. *J. Exp. Biol.* 64 (2): 447-460. Apr. 1976. SFA 22(1)

71-001630 Hughes, G. M. SCANNING ELECTRON MICROSCOPY OF THE RESPIRATORY SURFACES OF TROUT GILLS. *J. Zool. (Lond.)* 187 (4): 443-453. Apr. 1979. SFA 24(3)

71-001631 Hughes, G. M. ULTRASTRUCTURE AND MORPHOMETRY OF THE GILLS OF *LATIMERIA CHALUMNAE*, AND A COMPARISON WITH THE GILLS OF ASSOCIATED FISHES. *Proc. R. Soc. Lond. B Biol. Sci.* 208(1172):309-328. July 1980. SFA 25(4)

71-001632 Hulata, G. and Rothbard, S. "SIAMESE-TWINS" IN /SAROTHERODON MOSSAMBICUS/. *J. Fish Biol.* 13 (1): 45. July 1978. SFA 23(4)

71-001633 Hulbert, W. C. and Moon, T. W. A HISTOCHEMICAL, LIGHT AND ELECTRON MICROSCOPIC EXAMINATION OF EEL, /ANGUILLA ROSTRATA/ RED AND WHITE MUSCLE. *J. Fish Biol.* 13 (5): 527-533. Nov. 1978. SFA 24(2)

71-001634 Hulbert, W. C. and Moon, T. W. GENERAL CHARACTERISTICS AND MORPHOLOGY OF EEL (/ANGUILLA ROSTRATA/ L.) RED AND WHITE MUSCLE. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (3): 377-382. 1978. SFA 24(1)

71-001635 Hulet, W. H. STRUCTURE AND FUNCTIONAL DEVELOPMENT OF THE EEL LEPTOCEPHALUS /ARIOSOMA BALEARICUM/ (DE LA ROCHE, 1809). *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 282 (987): 107-138. 3 Feb. 1978. SFA 23(3)

71-001636 Hunt, R. L. WILD BROOK TROUT WITH TWO ANAL FINS. *Prog. Fish-Cult.* 38 (2): 101. Apr. 1976. SFA 21(3).

71-001637 Hunter, C. R. and Nayudu, P. L. SURFACE FOLDS IN SUPERFICIAL EPIDERMAL CELLS OF THREE SPECIES OF TELEOST FISH. *J. Fish Biol.* 12 (2): 163-166. Feb. 1978. SFA 23(3)

71-001638 Hussain, S. M. RECORD OF A CLUPEOID FISH /NEMATALOSA NASUS/ WITHOUT AN ANAL FIN. *Hydrobiologia* 63 (2): 185-188. 2 Apr. 1979. SFA 24(4)

71-001639 Ichikawa, M. and Ueda, K. FINE STRUCTURE OF THE OLFACTORY EPITHELIUM IN THE GOLDFISH, /CARASSIUS AURATUS/. A STUDY OF RETROGRADE DEGENERATION. *Cell Tissue Res.* 183 (4): 445-455. 1977. SFA 23(2)

71-001640 Ichikawa, M. and Ueda, K. ELECTRON MICROSCOPIC STUDY OF THE TERMINATION OF THE CENTRIFUGAL FIBERS IN THE GOLDFISH OLFACTORY BULB. *Cell Tissue Res.* 197 (2): 257-262. 1979. SFA 24(3)

71-001641 Imada, K. [HISTOLOGICAL OBSERVATION ON THE DEFORMED POND SMELT, *HYPOMESUS OLIDUS*, COLLECTED IN HOKKAIDO. *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 41-55. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-001642 Ingram, J. K. and Reno, H. W. ULTRASTRUCTURE OF THE INFRAORBITAL AND PREOPERCULOMANDIBULAR CANAL NEUROMASTS OF THE SILVERJAW MINNOW, /ERICYMBA BUCCATA/ (PISCES: CYPRINIDAE). *Southwest. Nat.* 20 (4): 445-459. 10 Jan. 1976. SFA 22(2)

71-001643 Iwai, T. and Hughes, G. M. PRELIMINARY MORPHOMETRIC STUDY ON GILL DEVELOPMENT IN BLACK SEA BREAM (/ACANTHOPAGRUS SCHLEGELI/). *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 929-934. Aug. 1977. SFA 23(1)

71-001644 Jafri, S. I. H. and D. M. Ensor. CELL TYPES IN THE PITUITARY OF THE ROACH, *RUTILUS RUTILUS* (L.), (TELEOSTEI). *J. Anat.* 130(4):667-672. June 1980. SFA 25(4)

71-001645 Jarvis, R. S.; Klodowski, H. F. and Sheldon, S. P. NEW METHOD OF QUANTIFYING SCALE SHAPE AND AN APPLICATION TO STOCK IDENTIFICATION IN WALLEYE (/STIZOSTEDION VITREUM VITREUM/). *Trans. Am. Fish. Soc.* 107 (4): 528-534. July 1978. SFA 24(1)

71-001646 Jaspers, E. J.; Avault, J. W., Jr. and Roussel, J. D. SPERMATOZOAL MORPHOLOGY AND ULTRASTRUCTURE OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Trans. Am. Fish. Soc.* 105 (3): 475-480. May 1976. SFA 21(3).

71-001647 Jayaprakash, A. A. A NOTE ON A SCIAENID /JOHNIEOPS SINA/ (CUVIER) WITH THREE ANAL SPINES. *Indian J. Fish.* 21 (2): 569-570. 1974. SFA 23(2)

71-001648 Jenkins, D. B. A LIGHT AND ELECTRON MICROSCOPIC STUDY OF THE INNER EAR IN SELECTED SPECIES OF CATFISHES (SILUROIDEI). *Ph.D. dissertation, Pa. State Univ.* 202 p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-001649 Jilek, R. INTESTINAL HISTOLOGY OF /DOROSOMA CEPEDIANUM/. *J. Fish Biol.* 14 (2): 125-126. Feb. 1979. SFA 24(3)

71-001650 Jørgensen, J. M. THE MORPHOLOGY OF THE LORENZINIAN AMPULLAE OF THE STURGEON *ACIPENSER RUTHENUS* (PISCES: CHONDROSTEI). *Acta Zool. (Stockh.)* 61(2):87-92. 1980. SFA 25(3)

71-001651 John, H.-C. ERGEBNISSE DER FORSCHUNGSREISEN DES FFS "WALTHER HERWIG" NACH SUEDAMERIKA. XLIII. LARVALFORMEN ATLANTISCHER EXOCOETIDEN. [RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. XLIII. LARVAL FORMS OF ATLANTIC EXOCOETIDS.] *Arch. Fischereiwiss.* 26(2/3):115-135. Feb. 1976. In German with English summ. SFA 21(4)

71-001652 Jollie, M. DEVELOPMENT OF HEAD AND PECTORAL GIRDLE SKELETON AND SCALES IN *ACIPENSER*. *Copeia* 1980(2):226-249. 1 May 1980. SFA 25(3)

71-001653 Jollie, M. T. SEGMENTATION OF THE VERTEBRATE HEAD. *Am. Zool.* 17 (2): 323-333. 1977. SFA 22(4)

71-001654 Joyce, E. C. and Chapman, G. B. FINE STRUCTURE OF THE NASAL BARBEL OF THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Morphol.* 158 (2): 109-154. Nov. 1978. SFA 24(1)

71-001655 Kagawa, H. and Takano, K. ULTRASTRUCTURE AND HISTOCHEMISTRY OF GRANULOSA CELLS OF PRE- AND POST-OVULATORY FOLLICLES IN THE OVARY OF THE MEDAKA, /ORYZIAS LATIPES/. *Bull. Fac. Fish. Hokkaido Univ.* 30(3):191-204. Aug. 1979. In Japanese with English summ. SFA 25(1)

71-001656 Kalashnikova, Z. M. ON THE CLASSIFICATION OF MORPHOLOGICAL ELEMENTS IN THE BLOOD OF FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 459-472. 1976. SFA 22(4)

71-001657 Kamel, A.; Nawar, G. and Yoakim, E. G. ON THE FUNCTIONAL MORPHOLOGY OF THE ALIMENTARY TRACT OF THE NILE CYPRINOID /LABEO NILOTICUS/ IN RELATION TO ITS FEEDING HABITS. I: ANATOMY AND HISTOLOGY OF THE BUCCAL CAVITY AND PHARYNX. *Libyan J. Sci.* 4B:1-13. 1975. SFA 22(3)

71-001658 Kanno, Y. [ON THE LIFE HISTORY OF HERRING, *CLUPEA PALLASII* CUVIER ET VALENCIENNES, IN THE BRACKISH LAKE NOTORO, HOKKAIDO. I. THE COMPOSITION OF BODY LENGTH, VERTEBRAL NUMBERS AND THE TIME OF RING FORMATION ON THE SCALES.] *Bull. Fac. Fish. Hokkaido Univ.* 30(4):259-271. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-001659 Kashapova, L. A. and Sakharov, D. A. DOUBLE INNERVATION OF FAST FIBERS OF THE TRUNK MUSCULATURE OF LARVAL LAMPREY. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 231 (1-6): 605-607. May 1977. SFA 22(4)

71-001660 Kashkin, N. I. GILL STRUCTURE OF /SCOPELARCHUS GUENTHERI/ (FAMILY SCOPELARCHIDAE) IN DIFFERENT PARTS OF THE RANGE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 668-673. 1977. SFA 23(4)

71-001661 Kavaliers, M.; B. T. Firth and C. L. Ralph. PINEAL CONTROL OF THE CIRCADIAN RHYTHM OF COLOUR CHANGE IN THE KILLIFISH *(FUNDULUS HETEROCLITUS)*. *Can. J. Zool.* 58(3):456-460. Mar. 1980. In English with French summ. SFA 25(2)

71-001662 Kazantseva-Selezneva, A. A. DIFFERENCE IN THE JAW-OPENING MECHANISM IN HIGHER AND LOWER ACTINOPTERYGIANS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 78-85. 1977. SFA 23(3)

71-001663 Kemp, A. THE HISTOLOGY OF TOOTH FORMATION IN THE AUSTRALIAN LUNGFISH, /NEOCERATODUS FORSTERI/ KREFFT. *Zool. J. Linn. Soc.* 66(3):251-287. July 1979. SFA 25(1)

71-001664 Kemp, A. THE PATTERN OF TOOTH PLATE FORMATION IN THE AUSTRALIAN LUNGFISH, /NEOCERATODUS FORSTERI/ KREFFT. *Zool. J. Linn. Soc.* 60 (3): 223-258. Apr. 1977. SFA 22(3)

71-001665 Kemp, N. E. and Westrin, S. K. ULTRASTRUCTURE OF CALCIFIED CARTILAGE IN THE ENDOSKELETAL TESSERAE OF SHARKS. *J. Morphol.* 160 (1): 75-102. Apr. 1979. SFA 24(3)

71-001666 Kemp, N. E. BANDING PATTERN AND FIBRILLOGENESIS OF CERATOTRICHIA IN SHARK FINS. *J. Morphol.* 154 (2): 187-204. Nov. 1977. SFA 24(2)

71-001667 Kendall, A. W., Jr. MORPHOLOGICAL COMPARISONS OF NORTH AMERICAN SEA BASS LARVAE (PISCES: SERRANIDAE). *NOAA Tech. Rep. NMFS Circ.* 428. iv + 50p. Aug. 1979. SFA 25(1)

71-001668 Kendall, M. W. and Dale, J. E. SCANNING AND TRANSMISSION ELECTRON MICROSCOPIC OBSERVATIONS OF RAINBOW TROUT (/SALMO GAIRDNERI/) GILL. *J. Fish. Res. Board Can.* 36(9):1072-1079. Sept. 1979. In English with French summ. SFA 25(1)

71-001669 Kikuchi, S. MITOCHONDRIA-RICH (CHLORIDE) CELLS IN THE GILL EPITHELIA FROM FOUR SPECIES OF STENOHALINE FRESH WATER TELEOSTS. *Cell Tissue Res.* 180 (1): 87-98. 1977. SFA 22(4)

71-001670 Kirschbaum, F.; Meunier, F. and Tsuji, S. "NAKED" SPINAL CORD ON A NON-SEGMENTED BATON-LIKE BONY STRUCTURE IN THE TAIL OF THE ELECTRIC FISH /EIGENMANNIA VIRESCENS/ (GYMNOTOIDEI). *Cell Tissue Res.* 187 (2): 263-269. 24 Feb. 1978. SFA 23(3)

71-001671 Kiyohara, S.; S. Yamashita and J. Kitoh. DISTRIBUTION OF TASTE BUDS ON THE LIPS AND INSIDE THE MOUTH IN THE MINNOW, *PSEUDORASBORA PARVA*. *Physiol. Behav.* 24(6):1143-1147. June 1980. SFA 25(3)

71-001672 Kleckner, R. C. SWIMBLADDER WALL GUANINE ENHANCEMENT RELATED TO MIGRATORY DEPTH IN SILVER PHASE *ANGUILLA ROSTRATA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(3):351-354. 1980. SFA 25(2)

71-001673 Klein, C. and Van Noorden, S. USE OF IMMUNOCYTOCHEMICAL STAINING OF SOMATOSTATIN FOR CORRELATIVE LIGHT AND ELECTRON MICROSCOPIC INVESTIGATION OF D CELLS IN THE PANCREATIC ISLET OF /XIPHOPHORUS HELLERI/ H. (TELEOSTEI). *Cell Tissue Res.* 194 (3): 399-404. 1978. In English with French summ. SFA 24(2)

71-001674 Klitgaard, T. MORPHOLOGY AND HISTOLOGY OF THE HEART OF THE AUSTRALIAN LUNGFISH, /NEOCERATODUS FORSTERI/ (KREFFT). *Acta Zool. (Stockh.)* 59 (3,4): 187-198. 1978. SFA 24(2)

71-001675 Kochkin, P. N. THE MORPHOLOGICAL CHARACTERISTICS OF THE "PIKE GLASSFISH", *CHAMPSOCEPHALUS GUNNARI* (CHAENICHTHYIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):28-37. 1979. SFA 25(3)

71-001676 Koester, D. M. and Boord, R. L. THE CENTRAL PROJECTIONS OF FIRST ORDER ANTERIOR LATERAL LINE NEURONS OF THE CLEARNOSE SKATE, /RAJA EGLANTERIA/. *Am. Zool.* 18 (3): 587. 1978. Abstract only. SFA 24(2)

71-001677 Komada, N. INCIDENCE OF GROSS MALFORMATIONS AND VERTEBRAL ANOMALIES OF NATURAL AND HATCHERY *PLECOGLOSSUS ALTIVELIS*. *Copeia* 1980(1):29-35. 1 Feb. 1980. SFA 25(2)

71-001678 Komada, N. INFLUENCE OF TEMPERATURE ON THE VERTEBRAL NUMBER OF THE AYU, /PLECOGLOSSUS ALTIVELIS/. *Copeia* 1977 (3): 572-573. 25 Aug. 1977. SFA 22(4)

71-001679 Komada, N. THE NUMBER OF SEGMENTS AND BODY LENGTH OF /PLECOGLOSSUS ALTIVELIS/ FRY IN THE NAGARA RIVER, JAPAN. *Copeia* 1977 (3): 573-574. 25 Aug. 1977. SFA 22(4)

71-001680 Kontsevaya, N. Ya. ON THE MORPHOLOGY OF THE LAKE IL'MEN' SABERFISH /PELECUS CULTRATUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 678-683. 1977. SFA 23(4)

71-001681 Koo, T. S. Y. and Johnston, M. L. LARVA DEFORMITY IN STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), AND BLUEBACK HERRING, /ALOSA AESTIVALIS/ (MITCHILL), DUE TO THE HEAT SHOCK TREATMENT OF DEVELOPING EGGS. *Environ. Pollut.* 16 (2): 137-149. June 1978. SFA 23(4)

71-001682 Korovina, V. M. ANATOMICAL AND HISTOLOGICAL FEATURES OF THE MIDGUT OF THE RAINBOW TROUT /SALMO GAIRDNERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 617-624. 1976. SFA 23(1)

71-001683 Korovina, V. M. THE PARIETAL FONTANELLES IN THE CHONDROCRANIUM OF SALMON OF THE GENUS /ONCORHYNCHUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 629-635. 1975. SFA 21(3).

71-001684 Korovina, V. M. THE INTESTINAL SPIRAL VALVE OF THE BALTIC HERRING, /CLUPEA HARENGUS MEMBRAS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 921-926. 1975. SFA 22(1)

71-001685 Kotlyar, A. N. A MORPHOLOGICAL DESCRIPTION OF THE PERUVIAN JACK MACKEREL, /TRACHURUS SYMMETRICUS MURPHYI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 45-55. 1976. SFA 22(3)

71-001686 Kovalevskaya, N. V. THE LARVAE AND FRY OF /CHEILOPOGON (PTENICHTHYS) INTERMEDIUS/ (EXOCOETIDAE, BELONIFORMES, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 672-675. 1975. SFA 21(3).

71-001687 Kranz, V. R.; Mueller, K. N. and Douglas, S. C. DEVELOPMENT OF THE YOUNG OF THE CREEK CHUB, /SEMOTILUS ATROMACULATUS/. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 100-119. 1979. SFA 24(3)

71-001688 Kratt, L. F. and Smith, R. J. F. BREEDING TUBERCLES OCCUR ON MALE AND FEMALE ARCTIC GRAYLING (/THYMALLUS ARCTICUS/). *Copeia* 1978 (1): 185-188. 10 Feb. 1978. SFA 23(2)

71-001689 Kreutzberg, G. W. and Gross, G. W. GENERAL MORPHOLOGY AND AXONAL ULTRASTRUCTURE OF THE OLFACTORY NERVE OF THE PIKE, /ESOX LUCIUS/. *Cell Tissue Res.* 181 (4): 443-457. 1977. SFA 22(4)

71-001690 Krykhtin, M. L. MORPHOLOGICAL AND PHYSIOLOGICAL INDICATORS OF THE KALUGA STURGEON, /HUSO DAURICUS/ FROM THE AMUR ESTUARY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 259-270. 1976. SFA 22(3)

71-001691 Kryvi, H. and Totland, G. K. FIBRE TYPES IN LOCOMOTORY MUSCLES OF THE CARTILAGINOUS FISH /CHIMAERA MONSTROSA/. *J. Fish Biol.* 12 (3): 257-265. Mar. 1978. SFA 23(3)

71-001692 Kryvi, H. THE STRUCTURE OF THE EMBRYONIC EXTERNAL GILL FILAMENTS OF THE VELVET BELLY SHARK /ETMOPTERUS SPINAX/. *J. Zool. (Lond.)* 180 (2): 253-261. Oct. 1976. SFA 22(2)

71-001693 Kryvi, H. ULTRASTRUCUTRE OF THE DIFFERENT FIBRE TYPES IN AXIAL MUSCLES OF THE SHARKS /ETMOPTERUS SPINAX/ AND /GALEUS MELASTOMUS/. *Cell Tissue Res.* 184 (3): 284-300. 1977. SFA 23(2)

71-001694 Kubota, T. and Uyeno, T. ON SOME MERISTIC CHARACTERS OF LANCETFISH, /ALEPISAURUS/, COLLECTED FROM SURUGA BAY, JAPAN. *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 11. p. 63-69. 1978. SFA 24(2)

71-001695 Kukushkina, N. A. and Shcherbina, L. I. A COMPARATIVE ECOLOGICAL MORPHOLOGICAL DESCRIPTION OF THE ATLANTIC NAVAGA (/ELEGINUS NAVAGA/) FROM THE WHITE SEA AND CHESHKAYA BAY IN THE BARENTS SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 950-954. 1977. SFA 24(1)

71-001696 Kulkarni, G. M. ABNORMALITIES IN THE VERTEBRAL COLUMN OF INDIAN MACKEREL. *Indian J. Fish.* 23(1/2):269-270. 1976. SFA 25(2)

71-001697 Kulshreshtha, S. D. HISTOMORPHOLOGY OF THE TASTE RECEPTORS OF SOME FRESHWATER FISHES. *Indian J. Fish.* 22 (1,2): 143-170. 1975. SFA 23(3)

71-001698 Kumari, S. D. R. and N. B. Nair. SEXUAL DIMORPHISM IN THE LOACHES *NEOMACHEILUS TRIANGULARIS* (DAY) AND *LEPIDOCEPHALUS THERMALIS* (CUV. & VAL.). *J. Anim. Morphol. Physiol.* 26(1/2):198-210. June-Dec. 1979. SFA 25(4)

71-001699 Kurbatov, B. V. and Ovcharov, O. P. HYDRODYNAMIC FEATURES OF THE SEVRYUGA (/ACIPENSER STELLATUS/). *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1039-1042. 1976. SFA 23(3)

71-001700 Laale, H. W. CULTURE AND PRELIMINARY OBSERVATIONS OF FOLLICULAR ISOLATES FROM ADULT ZEBRA FISH, /BRACHYDANIO RERIO/. *Can. J. Zool.* 55 (2): 304-309. Feb. 1977. In English with French summ. SFA 22(4)

71-001701 Laale, H. W. THE PERIVITELLINE SPACE AND EGG ENVELOPES OF BONY FISHES: A REVIEW. *Copeia* 1980(2):210-226. 1 May 1980. SFA 25(3)

71-001702 Laerm, J. EVOLUTION AND HOMOLOGY OF THE OSTEICHTHYAN CENTRUM. *Ph.D. dissertation, Univ. Ill. (Urbana-Champaign).* 364 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-001703 Lal Mohan, R. S. and V. Gandhi. RECORD OF PACIFIC PARROT FISH *YPSISCARUS OEDEMA* (SNYDER) FROM GULF OF MANNAR. *Indian J. Fish.* 23(1/2):241-243. 1976. SFA 25(2)

71-001704 Landolt, J. C. and Hill, L. G. OBSERVATIONS OF THE GROSS STURCTURE AND DIMENSIONS OF THE GILLS OF THREE SPECIES OF GARS (LEPISOSTEIDAE). *Copeia* 1975(3):470-475. 5 Aug. 1975. SFA 21(1).

71-001705 Lane, E. B. and M. Whitear. SKEIN CELLS IN LAMPREY EPIDERMIS. *Can. J. Zool.* 58(3):450-455. Mar. 1980. In English with French summ. SFA 25(2)

71-001706 Lange, R. H. LIPOPROTEIN CRYSTALS IN THE YOLK PLATELET OF A TELEOST, *PELVICACHROMIS PULCHER* (CICHLIDAE). *Cell Tissue Res.* 209(3):511-513. Aug. 1980. SFA 25(4)

71-001707 Laroche, W. A. and S. L. Richardson. DEVELOPMENT AND OCCURRENCE OF LARVAE AND JUVENILES OF THE ROCKFISHES *SEBASTES FLAVIDUS* AND *SEBASTES MELANOPS* (SCORPAENIDAE) OFF OREGON. *NOAA Fish. Bull.* 77(4):901-923. 1980. SFA 25(4)

71-001708 Lauder, G. V., Jr. THE ROLE OF THE HYOID APPARATUS IN THE FEEDING MECHANISM OF THE COELACANTH *LATIMERIA CHALUMNAE*. *Copeia* 1980(1):1-9. 1 Feb. 1980. SFA 25(2)

71-001709 Lauder, G. V., Jr. EVOLUTION OF THE FEEDING MECHANISM IN PRIMITIVE ACTINOPTERYGIAN FISHES: A FUNCTIONAL ANATOMICAL ANALYSIS OF *POLYPTERUS*, *LEPISOSTEUS*, and *AMIA*. *J. Morphol.* 163(3):283-317. Mar. 1980. SFA 25(3)

71-001710 Lauder, G. V., Jr. FEEDING MECHANICS IN PRIMITIVE TELEOSTS AND IN THE HALECOMORPH FISH /AMIA CALVA/. *J. Zool. (Lond.)* 187 (4): 543-578. Apr. 1979. SFA 24(3)

71-001711 Laurent, P.; DeLaney, R. G. and Fishman, A. P. THE VASCULATURE OF THE GILLS IN THE AQUATIC AND AESTIVATING LUNGFISH (/PROTOPTERUS AETHIOPICUS/). *J. Morphol.* 156 (2): 173-208. May 1978. SFA 23(3)

71-001712 Laurent, P.; Dunel, S. and Barthe, J.-C. FUNCTIONAL ORGANIZATION OF THE TELEOST GILL. I. BLOOD PATHWAYS. *Acta Zool. (Sweden)* 57 (4): 189-209. 1976. SFA 21(4)

71-001713 Le Cabellec, M.-T.; Daculsi, G. and Geistdoerfer, P. RAPPORTS DE LA MORPHOLOGIE ET DE L'HISTOLOGIE DENTAIRES D'/ANARHICHAS LUPUS/ L. (POISSON TELEOSTEEN PERCIFORME) AVEC SON MODE D'ALIMENTATION: APPORT DE LA MICRORADIOGRAPHIE ET DU MARQUAGE PAR LA TETRACYCLINE. [RELATION OF DENTAL SYSTEM AND TOOTH MORPHOLOGY OF /ANARHICHAS LUPUS/ L. (PICES: TELEOSTEI: PERCIFCRMES) WITH MODE OF FEEDING: CONTRIBUTION OF MICRORADIOGRAPHY AND MARKING WITH TETRACYCLINE.] *Can. J. Zool.* 56 (5): 1103-1109. May 1978. In French with English summ. SFA 23(4)

71-001714 Leiby, M. M. LEPTOCEPHALUS LARVAE OF THE EEL FAMILY OPHICHTHIDAE. I. /OPHICHTHUS GOMESI/ CASTELNAU. *Bull. Mar. Sci.* 29(3):329-343. July 1979. SFA 25(1)

71-001715 Leino, R. L. ASPECTS OF THE FINE STRUCTURE, CYTOCHEMISTRY AND DISTRIBUTION OF TELEOST RODLET CELLS. *Ph.D. dissertation, Union Grad. Sch. (Ohio)* 166p. 1979. From Diss. Abstr. Int. B Sci. Eng. 41(2):435. Aug. 1980. SFA 25(4)

71-001716 Leino, R. L. THE EFFECTS OF PERIODIC ACID-SILVER METHENAMINE STAINING AND PROTEASE DIGESTION ON THE SECRETORY GRANULES OF RODLET CELLS. *Proc. Electron Micros. Soc. Am.* 37:310-311. 1979. SFA 25(2)

71-001717 Leknes, I. L. ULTRASTRUCTURE OF ATRIAL ENDOCARDIUM AND MYOCARDIUM IN THREE SPECIES OF GADIDAE (TELEOSTEI). *Cell Tissue Res.* 210(1):1-10. Aug. 1980. SFA 25(4)

71-001718 Lesiuk, T. P. and Lindsey, C. C. MORPHOLOGICAL PECULIARITIES IN THE NECK-BENDING AMAZONIAN CHARACOID FISH /RHAPHIODON VULPINUS/. *Can. J. Zool.* 56 (4): 991-997. Apr. 1978. In English with French summ. SFA 23(3)

71-001719 Lesseps, R. J.; M. V. Lapeyre and M. V. Hall. TISSUE CULTURE EVIDENCE ON THE CONTROL OF THE SWITCH FROM CONTACT INHIBITION OF CELL MOVEMENT TO OVERLAPPING BEHAVIOR IN ANNUAL FISH EMBRYOS OF *NOTHOBRANCHIUS KORTHAUSAE*. *J. Exp. Zool.* 210(3):521-528. Dec. 1979. SFA 25(2)

71-001720 Lesseps, R. J.; Geurts van Kessel, A. H. M. and Denuce, J. M. CELLPATTERNS AND CELL MOVEMENTS DURING EARLY DEVELOPMENT OF AN ANNUAL FISH, /NOTHOBRANCHIUS NEUMANNI/. *J. Exp. Zool.* 193 (2): 137-146. Aug. 1975. SFA 22(2)

71-001721 Lethbridge, R. C. and Potter, I. C. THE ORAL FIMBRIAE OF THE LAMPREY /GEOTRIA AUSTRALIS/. *J. Zool. (Lond.)* 188 (2): 267-277. June 1979. SFA 24(4)

71-001722 Lethbridge, R. C. and I. C. Potter. QUANTITATIVE STUDIES ON THE SKIN OF THE PAIRED SPECIES OF LAMPREYS, *LAMPETRA FLUVIATILIS* (L.) AND *LAMPETRA PLANERI* (BLOCH). *J. Morphol.* 164(1):39-46. Apr. 1980. SFA 25(3)

71-001723 Lewis, S. V. A SCANNING ELECTRON MICROSCOPE STUDY OF THE GILLS OF THE AIR-BREATHING CATFISH, /CLARIAS BATRACHUS/ L. *J. Fish Biol.* 15(4):381-384. Oct. 1979. SFA 25(1)

71-001724 Lewis, S. V. THE MORPHOLOGY OF THE ACCESSORY AIR-BREATHING ORGANS OF THE CATFISH, /CLARIAS BATRACHUS/: A SEM STUDY. *J. Fish Biol.* 14 (2): 187-191. Feb. 1979. SFA 24(3)

71-001725 Liang, Y. STUDY ON THE TAIWANIAN /CLARIAS/. 1. CLASSIFICATION; INTERRELATION AND SEASONAL VARIATION OF BODY LENGTH, BODY WEIGHT AND GONADS. *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3(3):1-18. Aug. 1978. In Chinese with English summ. SFA 24(1)

71-001726 Liang, Y.-S. [STUDY ON THE TAIWANIAN /CLARIAS/. 1. CLASSIFICATION; INTERRELATION AND SEASONAL VARIATION OF BODY LENGTH, BODY WEIGHT AND GONADS.] *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3(3):1-18. Aug. 1978. In Chinese with English summ. SFA 24(3)

71-001727 Libosvárský, J.; J. Gajdůšek; R. Volskis; E. Mileriene and J. Akstiniene. ADOPTING CORRELATION MATRIX IN A STUDY OF MORPHOMETRIC CHARACTERS OF COMMON BREAM. *Folia Zool.* 29(1):79-85. 1980. In English with Russian summ. SFA 25(3)

71-001728 Liem, K. F. MODULATORY MULTIPLICITY IN THE FEEDING MECHANISM IN CICHLID FISHES, AS EXEMPLIFIED BY THE INVERTEBRATE PICKERS OF LAKE TANGANYIKA. *J. Zool. (Lond.)* 189(1):93-125. Sept. 1979. SFA 25(1)

71-001729 Liem, K. F. and Osse, J. W. M. BIOLOGICAL VERSATILITY, EVOLUTION, AND FOOD RESOURCE EXPLOITATION IN AFRICAN CICHLID FISHES. *Am. Zool.* 15(2):427-454. 1975. SFA 21(1).

71-001730 Lindahl, K. THE GONADOTROPIC CELL IN PARR, PRECOCIOUS PARR MALE AND SMOLT OF THE ATLANTIC SALMON, *SALMO SALAR*. AN IMMUNOCYTOLOGICAL, LIGHT- AND ELECTRON MICROSCOPICAL STUDY. *Acta Zool. (Stockh.)* 61(2):117-125. 1980. SFA 25(3)

71-001731 Lindquist, D. G. ASPECTS OF THE POLYCHROMATISM IN POPULATIONS OF THE GULF OF CALIFORNIA BROWNCHEEK BLENNY, *ACANTHEMBLEMARIA CROCKERI* (BLENNIOIDEA: CHAENOPSIDAE). *Copeia* 1980(1):137-141. 1 Feb. 1980. SFA 25(2)

71-001732 Litvinenko, N. N. COLORATION AND OTHER MORPHOLOGICAL CHARACTERS DISTINGIUSHING JUVENILE /SEBASTES FASCIATUS/ FROM JUVENILE /S. MENTELLA/ (SCORPAENIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 591-595. 1974. SFA 21(2).

71-001733 Locket, N. A. VARIATION OF ARCHITECTURE WITH SIZE IN THE MULTIPLE-BANK RETINA OF A DEEP-SEA TELEOST, *CHAULIODUS SLOANI*. *Proc. R. Soc. Lond. B Biol. Sci.* 208(1171):223-242. 24 June 1980. SFA 25(3)

71-001734 Lodi, E. VARIABILITY OF THE CANESTRINI'S ORGAN IN /COBITIS TAENIA/ L. (COBITIDAE, OSTEICHTHYES). *Riv. It. Piscic. Ittiop.* 14(3):81-88. July-Aug.-Sept. 1979. In English and Italian. SFA 25(1)

71-001735 Lombardi, J. and Wourms, J. P. SEM OF TROPHOTAENIAE, EMBRYONIC ADAPTATIONS IN AN OPHIDIOID, /MICROBROTULA RANDALLI/ AND OTHER VIVIPAROUS FISHES. *Am. Zool.* 18 (3): 607. 1978. Abstract only. SFA 24(2)

71-001736 Lopez, E.; Baud, C. A.; Boivin, G. and Lallier, F. ETUDE ULTRASTRUCTURALE, CHEZ UN POISSON TELEOSTEEN L'ANGUILLE (/ANGUILLA ANGUILLA/ L.), DES PROCESSUS DE MINERALISATION DANS LES CAS D'UNE OSSIFICATION PERICHONDRALE DE L'ARC BRANCHIAL ET D'UNE APPOSITION SECONDAIRE DANS L'OS VERTEBRAL. [ULTRASTRUCTURAL STUDY OF THE MINERALIZATION PROCESS DURING PERICHONDRAL OSSIFICATION OF THE GILL ARCH AND SECONDARY ACCRETION IN THE VERTEBRAL BONE OF THE EEL (/ANGUILLA ANGUILLA/ L.), A TELEOST FISH.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (1): 105-117. 1978. In French with English summ. SFA 23(3)

71-001737 Love, M. S. and Larson, R. J. GEOGRAPHIC VARIATION IN THE OCCURRENCE OF TYMPANIC SPINES AND POSSIBLE GENETIC DIFFERENTIATION IN THE KELP ROCKFISH (/SEBASTES ATROVIRENS/). *Copeia* 1978 (1): 53-59. 10 Feb. 1978. SFA 23(2)

71-001738 Love, R. M.; Munro, L. J. and Robertson, I. ADAPTATION OF THE DARK MUSCLE OF COD TO SWIMMING ACTIVITY. *J. Fish Biol.* 11 (5): 431-436. Nov. 1977. SFA 23(1)

71-001739 Lowe, G. A. and MacLeod, N. K. THE ULTRASTRUCTURAL ORGANIZATION OF OLFACTORY EPITHELIUM OF TWO SPECIES OF GADOID FISH. *J. Fish Biol.* 7 (4): 529-532. July 1975. SFA 22(2)

71-001740 Luker, K. W. ORGANIZATION OF THE SUPRAMEDULLARY NEURON CLUSTER IN THE PUFFERFISH /TETRAODON/ SPS. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 63p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):583. Aug. 1978. SFA 24(3)

71-001741 Lund, W. A., Jr. and Marcy, B. C., Jr. EARLY DEVELOPMENT OF THE GRUBBY, /MYOXOCEPHALUS AENAEUS/ (MITCHILL). *Biol. Bull.* 149 (2): 373-383. Oct. 1975. SFA 21(4).

71-001742 Lundberg, J. G. and Marsh, E. EVOLUTION AND FUNCTIONAL ANATOMY OF THE PECTORAL FIN RAYS IN CYPRINOID FISHES WITH EMPHASIS ON THE SUCKERS (FAMILY CATOSTOMIDAE). *Am. Midl. Nat.* 96 (2): 332-349. Oct. 1976. SFA 21(4)

71-001743 Lysenko, N. F. A MORPHOLOGICAL DESCRIPTION OF THE EUROPEAN CATFISH (/SILURUS GLANIS/) OF LAKE BALKHASH AND ITS ABUNDANCE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 850-856. 1977. SFA 24(1)

71-001744 Macy, A. E. GROWTH-RELATED CHANGES IN THE RECEPTIVE FIELDS OF RETINAL GANGLION CELLS IN THE GOLDFISH. *Ph.D. dissertation, Univ. Mich.* 148p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(2):479. Aug. 1980. SFA 25(4)

71-001745 Maddock, R. G. and Nicol, J. A. C. STUDIES ON THE EYES OF /HYDROLAGUS/ (PISCES: CHIMAERIDAE). *Contrib. Mar. Sci.* 21: 77-87. Aug. 1978. SFA 24(1)

71-001746 Mahnert, V. and Gery, J. LA MACHOIRE SUPERIEURE DE CERTAINS /BARBUS/ S.L. (PISCES, CYPRINIFORMES) AFRICAINS. [THE UPPER JAW OF SOME AFRICAN /BARBUS/ S.I. (PISCES, CYPRINIFORMES).] *Rev. Suisse Zool.* 84 (1): 229-236. 1977. In French with English and German summ. SFA 22(3)

71-001747 Maisey, J. G. FINSPINE MORPHOGENESIS IN SQUALID AND HETERODONTID SHARKS. *Zool. J. Linn. Soc.* 66 (2): 161-183. June 1979. SFA 24(4)

71-001748 Mallatt, J. SURFACE MORPHOLOGY AND FUNCTIONS OF PHARYNGEAL STRUCTURES IN THE LARVAL LAMPREY /PETROMYZON MARINUS/. *J. Morphol.* 162(2):249-274. Nov. 1979. SFA 25(1)

71-001749 Manion, P. J. and Piavis, G. W. DENTITION THROUGHOUT THE LIFE HISTORY OF THE LANDLOCKED SEA LAMPREY, /PETROMYZON MARINUS/. *Copeia* 1977 (4): 762-766. 25 Nov. 1977. SFA 23(1)

71-001750 Manion, P. J. and Hanson, L. H. ABNORMAL TOOTH DEVELOPMENT IN A SEA LAMPREY. *Prog. Fish-Cult.* 39 (3): 127-128. July 1977. SFA 22(4)

71-001751 Manner, H. W.; VanCura, M. and Muehleman, C. THE ULTRASTRUCTURE OF THE CHORION OF THE FATHEAD MINNOW, /PIMEPHALES PROMELAS/. *trans. Am. Fish. Soc.* 106 (1): 110-114. Jan. 1977. SFA 22(3)

71-001752 Markara, A. ZMENY POCTU ZIABROVYCH PALICIEK U KARASA STRIEBRISTEHO [/CARASSIUS AURATUS/ (LINNAEUS, 1758)]. [CHANGES IN THE NUMBER OF GILL RAKERS IN /CARASSIUS AURATUS/ (LINNAEUS, 1758).] *Biologia (Bratisl.)* 34(2):151-159. 1979. In Czech with English summ. SFA 24(3)

71-001753 Markov, K. P. ADHESIVENESS OF EGG MEMBRANES IN STURGEONS (FAMILY ACIPENSERIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):437-446. 1978. SFA 25(1)

71-001754 Markov, K. P. SCANNING ELECTRON MICROSCOPE STUDY OF THE MICROSTRUCTURE OF THE EGG MEMBRANE IN THE RUSSIAN STURGEON (/ACIPENSER GULDENSTADTI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 739-749. 1975. SFA 22(1)

71-001755 Marsh, E. STRUCTURAL MODIFICATIONS OF THE PECTORAL FIN RAYS IN THE ORDER PLEURONECTIFORMES. *Copeia* 1977 (3): 575-578. 25 Aug. 1977. SFA 22(4)

71-001756 Martin, R. G. EVIDENCE AGAINST SEXUAL SELECTION AS A FACTOR IN MAINTAINING TWO MALE COLOR MORPHS IN POPULATIONS OF MOSQUITOFISH, *GAMBUSIA AFFINIS HOLBROOKI*. *Bull. Ecol. Soc. Am.* 61(2):86. June 1980. Abstract only. SFA 25(4)

71-001757 Martynyuk, N. I. THE HISTOLOGICAL STRUCTURE OF TRUNK SKELETAL FORMATIONS IN BAIKAL OIL-FISHES (GENUS /COMEPHORUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 912-917. 1977. SFA 24(1)

71-001758 Mathur, R.; V. Dubey and A. Mathur. STRUCTURE AND INNERVATION OF THE HEART OF *CYPRINUS CARPIO* WITH REFERENCE TO THE IMPULSE CONDUCTION. *Brotéria* 48(1-4):25-33. 1979. SFA 25(3)

71-001759 Matsumoto, J.; Watanabe, Y.; Obika, M. and Hadley, M. E. MECHANISMS CONTROLLING PIGMENT MOVEMENTS WITHIN SWORDTAIL (/XIPHOPHORUS HELLERI/) ERYTHROPHORES IN PRIMARY CELL CULTURE. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (3): 509-517. 1978. SFA 24(1)

71-001760 Mattey, D. L.; Morgan, M. and Wright, D. E. DISTRIBUTION AND DEVELOPMENT OF RODLET CELLS IN THE GILLS AND PSEUDOBRANCH OF THE BASS, /DICENTRACHUS LABRAX/ (L). *J. Fish Biol.* 15(3):363-370. Sept. 1979. SFA 25(1)

71-001761 Mattey, D. L.; M. Morgan and D. E. Wright. A SCANNING ELECTRON MICROSCOPE STUDY OF THE PSEUDOBRANCHS OF TWO MARINE TELEOSTS. *J. Fish Biol.* 16(3):331-343. Mar. 1980. SFA 25(3)

71-001762 Mattey, D. L.; Moate, R. and Morgan, M. COMPARISON OF 'PSEUDOBRANCH' TYPE AND 'CHLORIDE' TYPE CELLS IN THE PSEUDOBRANCH OF MARINE, FRESHWATER AND EURYHALINE TELEOSTS. *J. Fish Biol.* 13 (5): 535-542. Nov. 1978. SFA 24(2)

71-001763 Mattisson, A. G. M. and Fange, R. LIGHT- AND ELECTRONMICROSCOPIC OBSERVATIONS ON THE BLOOD CELLS OF THE ATLANTIC HAGFISH, /MYXINE GLUTINOSA/ (L.). *Acta Zool. (Stockh.)* 58 (4): 205-221. 1977. SFA 23(2)

71-001764 Maughan, O. E. MORPHOMETRY OF SCULPINS (/COTTUS/) IN THE CLEARWATER DRAINAGE, IDAHO. *Great Basin Nat.* 38 (1): 115-122. 31 Mar. 1978. SFA 24(2)

71-001765 McCleneghan, K. VERTEBRAL COUNTS OF SOME PACIFIC MORAYS (FAMILY MURAENIDAE). *Copeia* 1976(1):207-210. 12 Mar. 1976. SFA 21(1).

71-001766 McCormick, C. A. CENTRAL PROJECTIONS OF THE LATERALIS AND EIGHTH NERVES IN THE BOWFIN, /AMIA CALVA/. *Ph.D dissertation, Univ. Mich.* 137p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2611. Dec. 1978. SFA 24(2)

71-001767 McNulty, J. A. A COMPARATIVE LIGHT AND ELECTRON MICROSCOPIC STUDY OF THE PINEAL COMPLEX IN THE DEEP-SEA FISHES, /CYCLOTHONE SIGNATA/ AND /C. ACCLINIDENS/. *J. Morphol.* 162(1):1-16. Oct. 1979. SFA 25(1)

71-001768 McNulty, J. A. A LIGHT AND ELECTRON MICROSCOPIC STUDY OF THE PINEAL COMPLEX IN SOME DEEP-SEA FISHES. *Ph.D. dissertation, Univ. South. Calif.* 1976. From Diss. Abstr. Int. B Sci. Eng. 38(1):33. July 1977. SFA 24(1)

71-001769 McNulty, J. A. FINE STRUCTURE OF THE PINEAL ORGAN IN THE TROGLOBYTIC FISH, /TYPHLICHTHYES SUBTERRANEOUS/ (PISCES: AMBLYOPSIDAE). *Cell. Tissue Res.* 195 (3): 535-545. 1978. SFA 24(2)

71-001770 McPhail, J. D. A POSSIBLE FUNCTION OF THE CAUDAL SPOT IN CHARACID FISHES. *Can. J. Zool.* 55 (7): 1063-1066. July 1977. In English with French summ. SFA 22(4)

71-001771 Meats, M.; Ingleton, P. M.; Jones, I. C.; Garland, H. O. and Kenyon, C. J. FINE STRUCTURE OF THE CORPUSCLES OF STANNIUS OF THE TROUT, /SALMO GAIRDNERI/: STRUCTURAL CHANGES IN RESPONSE TO INCREASED ENVIRONMENTAL SALINITY AND CALCIUM IONS. *Gen. Comp. Endocrinol.* 36 (4): 451-461. Dec. 1978. SFA 24(3)

71-001772 Medvedeva-Vasil'yeva, Ye. D. INTRAPOPULATION VARIABILITY IN THE JAW AND SOME OTHER BONES OF THE SKULL IN THE CHAR, /SALVELINUS ALPINUS/, FROM BERING ISLAND (COMMANDER ISLANDS). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):362-376. 1978. SFA 25(1)

71-001773 Melinkat, R. and E. Zeiske. FUNCTIONAL MORPHOLOGY OF VENTILATION OF THE OLFACTORY ORGAN IN *BEDOTIA GEAYI* PELLEGRIN 1909 (TELEOSTEI, ATHERINIDAE). *Zool. Anz.* 203(5/6):354-368. 1979. In English with German summ. SFA 25(2)

71-001774 Menter, D. G.; Obika, M.; Tchen, T. T. and Taylor, J. D. LEUCOPHORES AND IRIDOPHORES OF /FUNDULUS HETEROCLITUS/: BIOPHYSICAL AND ULTRASTRUCTURAL PROPERTIES. *J. Morphol.* 160 (1): 103-120. Apr. 1979. SFA 24(3)

71-001775 Meunier, F. J. ETUDE HISTOLOGIQUE ET MICRORADIOGRAPHIQUE DU CARTILAGE HEMAL DE LA VERTEBRE DE LA CARPE, /CYPRINUS CARPIO/ L. (PISCES, TELEOSTEI, CYPRINIDAE). [HISTOLOGICAL AND MICRORADIOGRAPHICAL STUDIES OF THE HEMAL CARTILAGE OF THE VERTEBRAE OF THE CARP, /CYPRINUS CARPIO/ L. (PISCES, TELEOSTEI, CYPRINIDAE).] *Acta Zool. (Stockh.)* 60 (1): 19-31. 1979. In French with English summ. SFA 24(4)

71-001776 Meunier, F. J. and F. Kirschbaum. ÉTUDE ANATOMIQUE ET HISTOLOGIQUE DU SQUELETTE AXIAL DE LA RÉGION CAUDALE DE *GYMNARCHUS NILOTICUS* (CUVIER 1829), (*GYMNARCHIDAE*). [ANATOMICAL AND HISTOLOGICAL STUDIES ON THE AXIAL SKELETON OF THE TAIL OF *GYMNARCHUS NILOTICUS* (CUVIER) (GYMNARCHIDAE, TELEOSTEI, PISCES).] *Arch. Zool. Exp. Gen.* 120(4):415-430. 1979. In French with English summ. SFA 25(3)

71-001777 Meunier, F. J. and Kirschbaum, F. ETUDE ANATOMIQUE ET HISTOLOGIQUE DU SQUELETTE AXIAL DE /EIGENMANNIA VIRESCENS/ (RHAMPHICHTHYIDAE, GYMNOTOIDEI). [ANATOMICAL AND HISTOLOGICAL STUDIES OF THE AXIAL SKELETON OF /EIGENMANNIA VIRESCENS/ (RHAMPHICHTHYIDAE, GYMNOTOIDEI).] *Acta Zool. (Stockh.)* 59 (3,4): 215-228. 1978. In French with English summ. SFA 24(2)

71-001778 Meyer-Rochow, V. B. and Tiang, M. K. VISUAL BEHAVIOR, EYE AND RETINA OF THE PARASITIC FISH /CARAPUS MOURLANI/. *Biol. Bull.* 155 (3): 576-585. Dec. 1978. SFA 24(2)

71-001779 Mezhnin, F. I. MORPHOLOGY OF THE ADRENAL GLAND IN SOME CYPRINIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 913-920. 1975. SFA 22(1)

71-001780 Midttun, B. ULTRASTRUCTURE OF ATRIAL AND VENTRICULAR MYOCARDIUM IN THE PIKE *ESOX LUCIUS* L. AND MACKEREL *SCOMBER SCOMBRUS* L. (PISCES). *Cell Tissue Res.* 211(1):41-50. Sept. 1980. SFA 25(4)

71-001781 Mikulin, A. Ye.; V. V. Gerasimchuk and V. N. Dubrovin. PIGMENTATION OF THE EGGS OF THE LUMPFISH, *CYCLOPTERUS LUMPUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):816-821. 1978. SFA 25(2)

71-001782 Mikulin, A. Ye. and Soin, S. G. THE FUNCTIONAL SIGNIFICANCE OF CAROTENOIDS IN THE EMBRYONIC DEVELOPMENT OF TELEOSTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 749-759. 1975. SFA 22(1)

71-001783 Miller, J. M. and Tucker, J. W., Jr. X-RADIOGRAPHY OF LARVAL AND JUVENILE FISHES. *Copeia* 1979 (3): 535-538. 1 Aug. 1979. SFA 24(4)

71-001784 Milos, N. and Dingle, A. D. DYNAMICS OF PIGMENT PATTERN FORMATION IN THE ZEBRAFISH, /BRACHYDANIO RERIO/. II. LABILITY OF LATERAL LINE STRIPE FORMATION AND REGULATION OF PATTERN DEFECTS. *J. Exp. Zool.* 205 (2): 217-224. Aug. 1978. SFA 23(4)

71-001785 Milos, N. and Dingle, A. D. DYNAMICS OF PIGMENT PATTERN FORMATION IN THE ZEBRAFISH, /BRACHYDANIO RERIO/. I. ESTABLISHMENT AND REGULATION OF THE LATERAL LINE MELANOPHORE STRIPE DURING THE FIRST EIGHT DAYS OF DEVELOPMENT. *J. Exp. Zool.* 205 (2): 205-216. Aug. 1978. SFA 23(4)

71-001786 Mishra, N. K. and Munnet, S. K. NUCLEAR BLEBS IN OOCYTES OF THE FISH /CLARIAS BATRACHUS/. *Experientia (Basel)* 35 (7): 867-868. 15 July 1979. SFA 24(4)

71-001787 Misitano, D. A. DESCRIPTION OF LABORATORY-REARED LARVAE OF THE BUFFALO SCULPIN, /ENOPHRYS BISON/ (PISCES: COTTIDAE). *Copeia* 1978 (4): 635-642. 28 Dec. 1978. SFA 24(2)

71-001788 Mittal, A. K. and Whitear, M. KERATINIZATION OF FISH SKIN WITH SPECIAL REFERENCE TO THE CATFISH /BAGARIUS BAGARIUS/. *Cell Tissue Res.* 202(2):213-230. Nov. 1979. SFA 25(1)

71-001789 Mittal, A. K.; M. Whitear and S. K. Agarwal. FINE STRUCTURE AND HISTOCHEMISTRY OF THE EPIDERMIS OF THE FISH *MONOPTERUS CUCHIA*. *J. Zool. (Lond.)* 191(1):107-125. May 1980. SFA 25(3)

71-001790 Miyoshi, M. SCANNING ELECTRON MICROSCOPY OF THE RENAL CORPUSCLE OF THE MESONEPHROS IN THE LAMPREY, /ENTOSPHENUS JAPONICUS/ MARTENS. *Cell Tissue Res.* 187 (1): 105-113. 1978. SFA 23(3)

71-001791 Mohsin, A. K. M. THE OSTEOLOGY OF THE GREY MULLET, *LIZA SUBVIRIDIS* (VALENCIENNES). THE NEUROCRANIUM. *Malay. Nat. J.* 32(1):53-65. Sept. 1978. SFA 25(4)

71-001792 Moiseeva, E. B. MORPHOFUNCTIONAL DETAILS OF THE HYPOTHALAMO-HYPOPHYSEAL NEUROSECRETORY SYSTEM AND ADENOHYPOPHYSIS DEVELOPMENT DURING EARLY ONTOGENESIS IN THE ROUND GOBY, /GOBIUS MELANOSTOMUS/ PALLAS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 8(2):107-114. Mar.-Apr. 1977. SFA 23(2)

71-001793 Moiseyeva, Ye. B. A NEW MODIFICATION OF THE METHOD OF DIFFERENTIAL STAINING OF THE GLANDULAR CELLS OF THE ADENOHYPOPHYSIS OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1038-1039. 1978. SFA 25(2)

71-001794 Moiseyeva, Ye. B. and Ponomareva, V. P. COMPARATIVE CHARACTERISTICS OF THE TESTES OF THE GOBIES /GOBIUS BATRACHOCEPHALUS/ AND /G. MELANOSTOMUS/ IN DIFFERENT STAGES OF THE SEXUAL CYCLE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 264-273. 1975. SFA 21(3).

71-001795 Mok, H.-K. COELOMIC ORGANS OF PERCIFORM FISHES (TELEOSTEI). *Ph.D. dissertation, City Univ. N.Y.* 455p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3096. Jan. 1979. SFA 24(2)

71-001796 Moodie, G. E. E. MERISTIC VARIATION, ASYMMETRY, AND ASPECTS OF THE HABITAT OF /CULAEA INCONSTANS/ (KIRTLAND), THE BROOK STICKLEBACK, IN MANITOBA. *Can. J. Zool.* 55 (2): 398-404. Feb. 1977. In English with French summ. SFA 22(4)

71-001797 Mook, D. LARVAL AND OSTEOLOGICAL DEVELOPMENT OF THE SHEEPSHEAD, /ARCHOSARGUS PROBATOCEPHALUS/ (PISCES: SPARIDAE). *Copeia* 1977 (1): 126-133. 16 Mar. 1977. SFA 22(3)

71-001798 Moore, C. J. and Burton, D. T. SOME SKELETAL ANOMALIES IN POTOMAC RIVER WHITE PERCH, /MORONE AMERICANA/ (GMELIN). *ASB (Assoc. Southeast. Biol.) Bull.* 22 (2): 69. Apr. 1976. SFA 21(4).

71-001799 Moore, C. J. and Hixson, J. H. INCIDENCE OF CROOKED VERTEBRAL COLUMNS IN ADULT POTOMAC RIVER WHITE PERCH, /MORONE AMERICANA/. *Copeia* 1977(2):384-387. 25 May 1977. SFA 22(3)

71-001800 Moreno, M. and B. J. Martin. EMBRYOLOGIC DEVELOPMENT OF THE SHEEPSHEAD MINNOW *(CYPRINODON VARIEGATUS)*. J. Miss. Acad. Sci. 24(Suppl.):116. 1979. Abstract only. SFA 25(2)

71-001801 Morgan, E. C. DENTITIONAL PHENOMENA AND TOOTH REPLACEMENT IN THE SCABBARD FISH /TRICHIURUS LEPTURUS/ LINNAEUS (PICES: TRICHIURIDAE). *Tex. J. Sci.* 29 (1-2): 71-77. Sept. 1977. SFA 23(2)

71-001802 Morris, R. W. AN ANALYSIS OF SOME MERISTIC CHARACTERS OF THE STAGHORN SCULPIN /LEPTOCOTTUS ARMATUS/ GIRARD. *Pac. Sci.* 31 (3): 259-277. July 1977. SFA 23(4)

71-001803 Morris, S. L. and Gaudin, A. J. THE CRANIAL OSTEOLOGY OF /AMPHISTICHUS ARGENTEUS/ (PICES: EMBIOTOCIDAE). *Bull. South. Calif. Acad. Sci.* 75 (1): 29-38. May 1976. SFA 22(2)

71-001804 Morrison, C. M. A DENSE CELL IN THE EPITHELIUM OF THE GILL LAMELLAE OF THE BROOK TROUT, *SALVELINUS FONTINALIS* (MITCHELL). *J. Fish Biol.* 15(5):601-605. Nov. 1979. SFA 25(2)

71-001805 Morrison, C. M. and Odense, P. H. DISTRIBUTION AND MORPHOLOGY OF THE RODLET CELL IN FISH. *J. Fish. Res. Board Can.* 35 (1): 101-116. Jan. 1978. In English with French summ. SFA 23(2)

71-001806 Morrow, J. E. PRELIMINARY KEYS TO OTOLITHS OF SOME ADULT FISHES OF THE GULF OF ALASKA, BERING SEA, AND BEAUFORT SEA. *NOAA Tech. Rep. NMFS Circ.* 420. iii + 32p. Feb. 1979. SFA 24(3)

71-001807 Moshkov, D. A. and Niukkanen, N. L. ULTRASTRUCTURAL STUDY OF THE PLASTIC PROPERTIES OF FISH MAUTHNER NEURONS. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 231 (1-6): 564-567. May 1977. SFA 22(4)

71-001808 Moss, M. L. SKELETAL TISSUES IN SHARKS. *Am. Zool.* 17 (2): 335-342. 1977. SFA 22(4)

71-001809 Mosse, P. R. L. VASCULAR ANATOMY OF THE LATERAL MUSCULATURE OF THE FLATHEAD, *PLATYCEPHALUS BASSENSIS* (TELEOSTEI: PERCIFORMES). *Zoomorphologie* 95(2):133-148. June 1980. SFA 25(4)

71-001810 Mosse, P. R. L. THE DISTRIBUTION OF CAPILLARIES IN THE SOMATIC MUSCULATURE OF TWO VERTEBRATE TYPES WITH PARTICULAR REFERENCE TO TELEOST FISH. *Cell Tissue Res.* 187 (2): 281-303. 24 Feb. 1978. SFA 23(3)

71-001811 Mosse, P. R. L. and Hudson, R. C. L. THE FUNCTIONAL ROLES OF DIFFERENT MUSCLE FIBRE TYPES IDENTIFIED IN THE MYOTOMES OF MARINE TELEOSTS: A BEHAVIOURAL, ANATOMICAL AND HISTOCHEMICAL STUDY. *J. Fish Biol.* 11 (5): 417-430. Nov. 1977. SFA 23(1)

71-001812 Motta, P. J. ANATOMY AND FUNCTIONAL MORPHOLOGY OF DERMAL CALLAGEN FIBERS IN SHARKS. *Copeia* 1977 (3): 454-464. 25 Aug. 1977. SFA 22(4)

71-001813 Munk, O. THE VISUAL CELLS AND RETINAL TAPETUM OF THE FOVEATE DEEP-SEA FISH /SCOPELOSAURUS LEPIDUS/ (TELEOSTEI). *Zoomorphologie* 87 (1): 21-49. 1977. SFA 22(3)

71-001814 Munz, H. MORPHOLOGY AND INNERVATION OF THE LATERAL LINE SYSTEM IN /SAROTHERODON NILOTICUS/ (L.) (CICHLIDAE, TELEOSTEI). *Zoomorphologie* 93(1):73-86. 1979. SFA 25(1)

71-001815 Murray, S. A. and Burton, C. B. EFFECTS OF DENSITY ON GOLDFISH BLOOD--II CELL MORPHOLOGY. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (3): 559-562. 1979. SFA 24(3)

71-001816 Myagkov, N. A. [CHANGES IN BRAIN MORPHOLOGY OF /SQUALUS FERNANDINUS/ (SQUALIFORMES) DURING POSTEMBRYOGENESIS.] *Zool. Zh.* 57 (3): 407-412. Mar. 1978. In Russian with English summ. SFA 23(3)

71-001817 Myagkov, N. A. and Kondyurin, V. V. A MORPHOBIOLOGICAL DESCRIPTION OF THE DEEPWATER SPINY DOGFISH /ETMOPTERUS LUCIFER/ (SQUALIDAE) FROM WEST AFRICAN WATERS. *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1014-1018. 1976. SFA 23(3)

71-001818 Myklebust, R. and Kryvi, H. ULTRASTRUCTURE OF THE HEART OF THE STURGEON /ACIPENSER STELLATUS/ (CHONDROSTEI). *Cell Tissue Res.* 202(3):431-438. Nov. 1979. SFA 25(1)

71-001819 Nagahama, Y.; Clarke, W. C. and Hoar, W. S. ULTRASTRUCTURE OF PUTATIVE STEROID-PRODUCING CELLS IN THE GONADS OF COHO (/ONCORHYNCHUS KISUTCH/) AND PINK SALMON (/ONCORHYNCHUS GORBUSCHA/). *Can. J. Zool.* 56 (12): 2508-2519. Dec. 1978. In English with French summ. SFA 24(2)

71-001820 Nagahama, Y.; Chan, K. and Hoar, W. S. HISTOCHEMISTRY AND ULTRASTRUCTURE OF PRE- AND POST-OVULATORY FOLLICLES IN THE OVARY OF THE GOLDFISH, /CARASSIUS AURATUS/. *Can. J. Zool.* 65 (7): 1128-1139. July 1976. In English with French summ. SFA 21(4)

71-001821 Nair, R. V. and Appukuttan, K. K. OBSERVATIONS ON THE DEVELOPMENTAL STAGES OF THE SMOOTH DOGFISH, /ERIDACNIS RADCLIFFEI/ SMITH FROM GULF OF MANNAR. *Indian J. Fish.* 21 (1): 141-151. 1974. SFA 23(2)

71-001822 Nakajima, T. THE DEVELOPMENT AND REPLACEMENT PATTERN OF THE PHARYNGEAL DENTITION IN THE JAPANESE CYPRINID FISH, /GNATHOPOGON COERULESCENS/. *Copeia* 1979 (1): 22-28. 20 Feb. 1979. SFA 24(2)

71-001823 Nakanishi, T. [COMPARISON OF COLOR PATTERN AND MERISTIC CHARACTERS AMONG THE THREE TYPES OF /CHAENOGOBIUS ANNULARIS/ GILL.] *Bull. Fac. Fish. Hokkaido Univ.* 29 (3): 223-232. Sept. 1978. In Japanese with English summ. SFA 24(3)

71-001824 Naplin, N. A. and C. L. Obenchain. A DESCRIPTION OF EGGS AND LARVAE OF THE SNAKE EEL, *PISODONOPHIS CRUENTIFER* (OPHICHTHIDAE). *Bull. Mar. Sci.* 30(2):413-423. Apr. 1980. SFA 25(3)

71-001825 Nazarov, N. A. A MORPHOHISTOLOGICAL DESCRIPTION OF THE OVARIES OF THE HORSEMACKEREL (/TRACHURUS TRACHURUS/) FROM THE CELTIC SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 417-423. 1977. SFA 23(3)

71-001826 Ne'eman, Z.; M. E. Spira and M. V. L. Bennett. FORMATION OF GAP AND TIGHT JUNCTIONS BETWEEN REAGGREGATED BLASTOMERES OF THE KILLIFISH, *FUNDULUS. Am. J. Anat.* 158(3):251-262. July 1980. SFA 25(4)

71-001827 Nelichik, V. A. MORPHOMETRIC FEATURES OF THE BURBOT, *LOTA LOTA*, OF THE UPPER TULOMA RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):756-764. 1978. SFA 25(2)

71-001828 Nelson, E. M. SOME NOTES ON THE CHINESE SUCKER /MYXOCYPRINUS/. *Copeia* 1976 (3): 594-595. Aug. 1976.

71-001829 Nelson, J. S. SOME OSTEOLOGICAL DIFFERENCES BETWEEN THE BLENNIOID FISHES /LIMNICHTHYS POLYACTIS/ AND /L. RENDAHLI/, WITH COMMENTS ON OTHER SPECIES OF CREEDIIDAE. *N.Z. J. Zool.* 6(2):273-277. June 1979. SFA 25(1)

71-001830 Nicol, J. A. C. URIC ACID IN THE STRATUM ARGENTEUM OF TOADFISHES *OPSANUS*. *Can. J. Zool.* 58(4):492-496. Apr. 1980. In English with French summ. SFA 25(3)

71-001831 Nicol, J. A. C. GUANINE IN STRATA ARGENTEA OF FISH EYES. *Can. J. Zool.* 58(4):488-491. Apr. 1980. In English with French summ. SFA 25(3)

71-001832 Nicol, J. A. C. STUDIES ON THE EYES OF TOADFISHES *OPSANUS*. STRUCTURE AND REFLECTIVITY OF THE STRATUM ARGENTEUM. *Can. J. Zool.* 58(1):114-121. Jan. 1980. In English with French summ. SFA 25(2)

71-001833 Nicol, J. A. C. STUDIES ON THE EYE OF THE STINGAREE /DASYATIS SABINA/, WITH NOTES ON OTHER SELACHIANS. I. EYE DIMENSIONS, CORNEA, PUPIL AND LENS. *Contrib. Mar. Sci.* 21: 89-102. Aug. 1978. SFA 24(1)

71-001834 Nicol, J. A. C. RETINAL RED PIGMENT IN THE PICKEREL (ESOCIDAE). *Can. J. Zool.* 57 (3): 693-696. Mar. 1979. In English with French summ. SFA 24(3)

71-001835 Niimi, A. J. RELATIONSHIP OF BODY SURFACE AREA TO WEIGHT IN FISHES. *Can. J. Zool.* 53(8):1192-1194. Aug. 1975. In English with French summ. SFA 22(1)

71-001836 Nikol'skiy, G. V.; Kanevskaya, N. K. and Tryapitsyna, L. N. CERTAIN PATTERNS OF CHARACTER VARIABILITY OF FISH FROM DIFFERENT FAUNISTIC GROUPINGS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 536-542. 1976. SFA 23(1)

71-001837 Nopanitaya, W.; Carson, J. L.; Grisham, J. W. and Aghajanian, J. G. NEW OBSERVATIONS ON THE FINE STRUCTURE OF THE LIVER IN GOLDFISH (/CARASSIUS AURATUS/). *Cell Tissue Res.* 196 (2): 249-261. 1979. SFA 24(3)

71-001838 Northcutt, R. G.; Neary, T. J. and Senn, D. G. OBSERVATIONS ON THE BRAIN OF THE COELACANTH /LATIMERIA CHALUMNAE/: EXTERNAL ANATOMY AND QUANTITATIVE ANALYSIS. *J. Morphol.* 155(2):181-192. Feb. 1978. SFA 23(2)

71-001839 Nosacek, I.; Nosacek, N. and Dropp, J. ARE MAST CELLS PRESENT IN THE LAMPREY (/LAMPETRA PLANERI/)? *Proc. Pa. Acad. Sci.* 53(1):106. 1979. SFA 25(1)

71-001840 Obika, M. PIGMENT MIGRATION IN ISOLATED FISH MELANOPHORES. *Annot. Zool. Jpn.* 49 (3): 157-163. Sept. 1976. SFA 22(3)

71-001841 Obika, M. THE CHANGES IN CELL SHAPE DURING PIGMENT MIGRATION IN MELANOPHORES OF TELEOST, /ORYZIAS LATIPES/. *J. Exp. Zool.* 191 (3): 427-432. Mar. 1975. SFA 22(2)

71-001842 Obika, M.; Menter, D. G.; Tchen, T. T. and Taylor, J. D. ACTIN MICROFILAMENTS IN MELANOPHORES OF /FUNDULUS HETEROCLITUS/. THEIR POSSIBLE INVOLVEMENT IN MELANOSOME MIGRATION. *Cell Tissue Res.* 193 (3): 389-397. 1978. SFA 24(1)

71-001843 Oguri, M. HISTOCHEMICAL OBSERVATIONS ON THE INTERRENAL GLAND AND LIVER OF EUROPEAN SPOTTED DOGFISH. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 703-707. July 1978. SFA 24(1)

71-001844 Oguri, M. ON THE HEPATOSOMATIC INDEX OF HOLOCEPHALIAN FISH. *Bull. Jpn. Soc. Sci. Fish.* 44 (2): 131-134. Feb. 1978. SFA 23(3)

71-001845 Olney, J. E. and Markle, D. F. DESCRIPTION AND OCCURRENCE OF VEXILLIFER LARVAE OF /ECHIODON/ (PISCES: CARAPIDAE) IN THE WESTERN NORTH ATLANTIC AND NOTES ON OTHER CARAPID VEXILLIFERS. *Bull. Mar. Sci.* 29(3):365-379. July 1979. SFA 25(1)

71-001846 Omura, Y. LIGHT AND ELECTRON MICROSCOPIC STUDIES ON THE PINEAL TRACT OF RAINBOW TROUT, /SALMO GAIRDNERI/. *Rev. Can. Biol.* 38(2):105-118. June 1979. SFA 25(1)

71-001847 Omura, Y. and M. A. Ali. RESPONSES OF PINEAL PHOTORECEPTORS IN THE BROOK AND RAINBOW TROUT. *Cell Tissue Res.* 208(1):111-122. 1980. SFA 25(3)

71-001848 Ono, R. D. FINE STRUCTURE AND DISTRIBUTION OF EPIDERMAL PROJECTIONS ASSOCIATED WITH TASTE BUDS ON THE ORAL PAPILLAE IN SOME LORICARIID CATFISHES (SILUROIDEI: LORICARIIDAE). *J. Morphol.* 164(2):139-159. May. 1980. SFA 25(3)

71-001849 Ooi, E. C. and Youson, J. H. MORPHOGENESIS AND GROWTH OF THE DEFINITIVE OPISTHONEPHROS DURING METAMORPHOSIS OF ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L. *J. Embryol. Exp. Morphol.* 42: 219-235. Dec. 1977. SFA 23(2)

71-001850 Ooi, E. C. MORPHOGENESIS AND GROWTH OF THE OPISTHONEPHRIC KIDNEY IN THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L., DURING LARVAL DEVELOPMENT AND METAMORPHOSIS. *Ph.D. dissertation, Univ. Toronto* 1977. From Diss. Abstr. Int. B Sci. Eng. 39(7):3194. Jan. 1979. SFA 24(2)

71-001851 Orvig, T. MICROSTRUCTURE AND GROWTH OF THE DERMAL SKELETON IN FOSSIL ACTINOPTERYGIAN FISHES: /NEPHROTUS/ AND /COLOBODUS/, WITH REMARKS ON THE DENTITION IN OTHER FORMS. *Zool. Scr.* 7 (4): 297-326. 1978. SFA 24(3)

71-001852 Otobo, F. O. OBSERVATIONS ON MERISTIC CHARACTERS SEPARATING /PELLONULA AFZELIUSI/ JOHNELS, 1954 FROM /SIERRATHRISSA LEONENSIS/ THYS VAN DEN AUDERNAERDE, 1969. *J. Fish Biol.* 8 (4): 303-310. Apr. 1976. SFA 22(1)

71-001853 Ottosen, P. D. ULTRASTRUCTURE AND SEGMENTATION OF MICRODISSECTED KIDNEY TUBULES IN THE MARINE FLOUNDER, /PLEURONECTES PLATESSA/. *Cell Tissue Res.* 190 (1): 27-45. 1978. SFA 23(4)

71-001854 Ovcharov, O. P. THE VARIABLE GEOMETRY OF THE CAUDAL FIN OF THE PORGY, *SPICARA SMARIS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):863-866. 1978. SFA 25(2)

71-001855 Ovcharov, O. P. FEATURES OF THE FLOW AROUND THE BODY OF THE SEVRYUGA /ACIPENSER STELLATUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 682-686. 1976. SFA 23(1)

71-001856 Peňáz, M. and J. Gajdůšek. EARLY DEVELOPMENT OF BREAM, *ABRAMIS BRAMA*, FROM THE WATER RESERVOIR MOSTIŠTĚ, CZECHOSLOVAKIA. *Folia Zool.* 28(4):347-360. 1979. SFA 25(4)

71-001857 Peňáz, M. and J. Gajdůšek. EARLY DEVELOPMENT OF BREAM, *ABRAMIS BRAMA*, FROM THE WATER RESERVOIR MOSTIŠTĚ, CZECHOSLOVAKIA. *Folia Zool.* 28(4):347-360. 1979. In English with Russian summ. SFA 25(3)

71-001858 Page, L. M. THE LATERALIS SYSTEM OF DARTERS (ETHEOSTOMATINI). *Copeia* 1977(3):472-475. 25 Aug. 1977. SFA 22(4)

71-001859 Panasenko, V. A. TAXONOMIC CHARACTERS OF THE BREAM, /ABRAMIS BRAMA/, OF COURLAND LAGOON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 138-142. 1978. SFA 24(3)

71-001860 Papaconstantinou, C. A. SECONDARY SEX CHARACTERS OF BLENNIOID FISHES (PISCES: BLENNIIDAE). *Thalassographica* 3(1):57-75. Nov. 1979. SFA 25(3)

71-001861 Papaconstantinou, C. THE SKULL OF THE MEDITERRANEAN SPECIES OF /BLENNIUS/ L., 1758 (A COMPARATIVE ANATOMICAL STUDY) (PISCES, BLENNIIDAE). *Thalassographica* 1 (2): 127-139. July 1977. In English with Greek summ. SFA 24(2)

71-001862 Paperna, I. SWIMBLADDER AND SKELETAL DEFORMATIONS IN HATCHERY BRED /SPARUS AURATA/. *J. Fish Biol.* 12 (2): 109-114. Feb. 1978. SFA 23(3)

71-001863 Parvatheswararao, V. DISTRIBUTION OF VISUAL PIGMENTS IN THE TELEOSTEI--A COMMENT. *Mar. Biol.* 33 (1): 67-70. 10 Nov. 1975. SFA 22(2)

71-001864 Patzner, R. A. CYCLICAL CHANGES IN WEIGHT AND FAT CONTENT OF THE LIVER AND THEIR RELATIONSHIP TO REPRODUCTION IN THE HAGFISH *EPTATRETUS BURGERI* (CYCLOSTOMATA). *Acta Zool. (Stockh.)* 61(3):157-160. 1980. SFA 25(4)

71-001865 Paul, D. H. and Roberts, B. L. STUDIES ON A PRIMITIVE CEREBELLAR CORTEX. III. THE PROJECTION OF THE ANTERIOR LATERAL-LINE NERVE TO THE LATERAL-LINE LOBES OF THE DOGFISH BRAIN. *Proc. R. Soc. Lond. B Biol. Sci.* 195 (1121): 479-496. Feb. 1977. SFA 22(3)

71-001866 Paul, D. H. and Roberts, B. L. STUDIES ON A PRIMITIVE CEREBELLAR CORTEX. I. THE ANATOMY OF THE LATERAL-LINE LOBES OF THE DOGFISH, /SCYLIORHINUS CANICULA/. *Proc. R. Soc. Lond. B Biol. Sci.* 195 (1121): 453-466. Feb. 1977. SFA 22(3)

71-001867 Paul, D. H. and Roberts, B. L. STUDIES ON A PRIMITIVE CEREBELLAR CORTEX. II. THE PROJECTION OF THE POSTERIOR LATERAL-LINE NERVE TO THE LATERAL-LINE LOBES OF THE DOGFISH BRAIN. *Proc. R. Soc. Lond. B Biol. Sci.* 195 (1121): 467-478. Feb. 1977. SFA 22(3)

71-001868 Pavlovskaya, L. P. and Zholdasova, I. M. A STUDY OF THE TESTES OF THE DIADROMOUS ARAL BARBEL, /BARBUS BRACHYCEPHALUS/, IN THE LOWER REACHES OF THE AMU DAR'YA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 1012-1017. 1975. SFA 22(1)

71-001869 Payusova, A. N. and Koreshkova, N. D. MORPHOLOGICAL CHARACTERISTICS OF THE GILL RAKERS IN THE ISSYK-KUL DACE [/LEUCISCUS SCHMIDTI/] AND [/L. BERGI/] KASCHKAROV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):186-192. 1974. SFA 21(2).

71-001870 Peden, A. E. MERISTIC VARIATION OF /LYCODAPUS MANDIBULARIS/ (PISCES: ZOARCIDAE) AND OCEANIC UPWELLING ON THE WEST COAST OF NORTH AMERICA. *J. Fish. Res. Board Can.* 36 (1): 69-76. Jan. 1979. In English with French summ. SFA 24(2)

71-001871 Peek, W. D. and Youson, J. H. TRANSFORMATION OF THE INTERLAMELLAR EPITHELIUM OF THE GILLS OF THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L., DURING METAMORPHOSIS. *Can. J. Zool.* 57 (6): 1318-1332. June 1979. In English with French summ. SFA 24(4)

71-001872 Peek, W. D.; Sidon, E. W.; Youson, J. H. and Fisher, M. M. FINE STRUCTURE OF THE LIVER IN THE LARVAL LAMPREY, /PETROMYZON MARINUS/ L.; HEPATOCYTES AND SINUSOIDS. *Am. J. Anat.* 156(2):231-250. Oct. 1979. SFA 25(1)

71-001873 Pertseva-Ostroumova, T. A. ON THE DEVELOPMENT OF SOME SPECIES OF THE GENUS /GYMNOSCOPELUS/ (MYCTOPHIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 58-65. 1977. SFA 23(3)

71-001874 Peters, H. M. ON THE MECHANISM OF AIR VENTILATON IN ANABANTOIDS (PISCES: TELEOSTEI/). *Zoomorphologie* 89 (2): 93-123. 1978. SFA 23(3)

71-001875 Peterson, R. H. and Metcalfe, J. L. CHANGES IN SPECIFIC GRAVITY OF ATLANTIC SALMON (/SALMO SALAR/) ALEVINS. *J. Fish. Res. Board Can.* 34 (12): 2388-2395. Dec. 1977. In English with French summ. SFA 23(2)

71-001876 Peute, J.; Goos, H. J. Th.; De Bruyn, M. G. A. and van Oordt, P. G. W. J. GONADOTROPIC CELLS OF THE RAINBOW TROUT PITUITARY DURING THE ANNUAL CYCLE. ULTRASTRUCTURE AND HORMONE CONTENT. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 905-910. 1978. SFA 24(1)

71-001877 Pickering, A. D. and Morris, R. SEXUAL DIMORPHISM IN THE GILLS OF THE SPAWNING RIVER LAMPREY, /LAMPETRA FLUVIATILIS/ L. *Cell Tissue Res.* 180 (1): 1-10. 1977. SFA 22(4)

71-001878 Pickett, J. F. PUGHEADEDNESS IN A LARGEMOUTH BASS. *N.Y. Fish Game J.* 26(1):98-99. Jan. 1979. SFA 25(1)

71-001879 Pilotto, F. and Filosi, M. RELATIONSHIP BETWEEN COLLAGEN FIBRIL DIAMETERS AND BODY SIZE. STUDY OF FISH DERMA. *Cell Tissue Res.* 182 (1): 119-131. 1977. SFA 22(4)

71-001880 Piron, R. D. SPONTANEOUS SKELETAL DEFORMITIES IN THE ZEBRA DANIO (/BRACHYDANIO RERIO/) BRED FOR FISH TOXICITY TESTS. *J. Fish Biol.* 13 (1): 79-83. July 1978. SFA 23(4)

71-001881 Podosinnikov, A. Yu. EMBRYONIC AND EARLY POST-EMBRYONIC DEVELOPMENT OF THE "CANARY DRUM", *UMBRINA CANARIENSIS* (PISCES, SCIAENIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1014-1017. 1978. SFA 25(2)

71-001882 Podosinnikov, A. Yu. EARLY ONTOGENY OF THE "STRIPED GRUNT", /PARAPRISTIPOMA HUMILE/ (POMADASYIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 683-685. 1977. SFA 23(4)

71-001883 Pohla, H.; Lametschwandtner, A. and Adam, H. DIE VASKULARISATION DER KIEMEN VON /MYXINE GLUTINOSA/ L. (CYCLOSTOMATA). [THE VASCULARIZATION OF THE GILLS IN /MYXINE GLUTINOSA/ L. (CYCLOSTOMATA).] *Zool. Scr.* 6 (4): 331-341. 1977. In German with English summ. SFA 23(3)

71-001884 Policansky, D. and Sieswerda, P. EARLY LIFE HISTORY OF THE STARRY FLOUNDER, /PLATICHTHYS STELLATUS/, REARED THROUGH METAMORPHOSIS IN THE LABORATORY. *Trans. Am. Fish. Soc.* 108 (3): 326-327. May 1979. SFA 24(4)

71-001885 Popper, A. N. ULTRASTRUCTURE OF THE SACCULUS AND LAGENA IN A MORAY EEL (/GYMNOTHORAX/ SP.). *J. Morphol.* 161(3):241-256. Sept. 1979. SFA 25(1)

71-001886 Popper, A. N. A SCANNING ELECRON MICROSCOPIC STUDY OF THE SACCULUS AND LAGENA IN THE EARS OF FIFTEEN SPECIES OF TELEOST FISHES. *J. Morphol.* 153 (3): 397-418. Sept. 1977. SFA 23(1)

71-001887 Popper, A. N. and Fay, R. R. STRUCTURE AND FUNCTION OF THE ELASMOBRANCH AUDITORY SYSTEM. *Am. Zool.* 17 (2): 443-452. 1977. SFA 22(4)

71-001888 Popper, A. N. SCANNING ELECTRON MICROSCOPIC STUDY OF THE SACCULUS AND LAGENA IN SEVERAL DEEP-SEA FISHES. *Am. J. Anat.* 157(2):115-136. Feb. 1980. SFA 25(3)

71-001889 Popper, A. N. ULTRASTRUCTURE OF THE AUDITORY REGIONS IN THE INNER EAR OF THE LAKE WHITEFISH. *Science* 192 (4243): 1020-1023. 4 June 1976. SFA 21(2).

71-001890 Pothier, F. and Ali, M. A. ETUDE DU PIGMENT VISUEL SCOTOPIQUE CHEZ TROIS /PERCIDAE/: /PERCA FLAVESCENS/, /STIZOSTEDION VITREUM/ ET /S. CANADENSE/. [SCOTOPIC VISUAL PIGMENTS IN THREE PERCIDS: /PERCA FLAVESCENS/, /STIZOSTEDION VITREUM/ AND /S. CANADENSE/.] *Rev. Can. Biol.* 37 (2): 91-100. June 1978. In French with English summ. SFA 24(2)

71-001891 Potthoff, T.; W. J. Richards and S. Ueyanagi. DEVELOPMENT OF *SCOMBROLABRAX HETEROLEPIS* (PISCES, SCOMBROLABRACIDAE) AND COMMENTS ON FAMILIAL RELATIONSHIPS. *Bull. Mar. Sci.* 30(2):329-357. Apr. 1980. SFA 25(3)

71-001892 Powles, H. DESCRIPTION OF LARVAL /JENKINSIA LAMPROTAENIA/ (CLUPEIDAE, DUSSUMIERIINAE) AND THEIR DISTRIBUTION OFF BARBADOS, WEST INDIES. *Bull. Mar. Sci.* 27 (4): 788-801. Oct. 1977. SFA 23(2)

71-001893 Price, W. S. OTOLITH COMPARISON OF /ALOSA PSEUDOHARENGUS/ (WILSON) AND /ALOSA AESTIVALIS/ (MITCHILL). *Can. J. Zool.* 56 (5): 1216-1218. May 1978. In English with French summ. SFA 23(4)

71-001894 Priede, I. G. FUNCTIONAL MORPHOLOGY OF THE BULBUS ARTERIOSUS OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *J. Fish Biol.* 9 (3): 209-216. Sept. 1976. SFA 22(2)

71-001895 Qayyum, M. A. and Ahsanullah, M. FLUORESCENCE HISTOCHEMICAL STUDY OF THE SWIM BLADDERS OF FISHES. *Zool. Anz.* 200 (3/4): 283-288. 1978. SFA 23(4)

71-001896 Radtke, R. L. THE FORMATION AND GROWTH OF OTOLITHS IN THE ESTUARINE FISH /FUNDULUS HETEROCLITUS/. *Ph.D. dissertation, Univ. S.C.* 57p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5190. May 1979. SFA 24(3)

71-001897 Rahamim, E.; C. Sandri; K. Akert and M. Abraham. BACILLIFORM INCLUSIONS IN CELLS OF THE PROXIMAL PARS DISTALIS IN THE PITUITARY OF FOUR SPECIES OF *TILAPIA* (TELEOSTEI). *Cell Tissue Res.* 205(2):245-251. Feb. 1980. SFA 25(2)

71-001898 Rahman, M. F. and Raghavan, S. L. RECORD OF A TAILLESS /CLARIAS BATRACHUS/ (LINNAEUS) FROM HEBBAL TANK. *J. Inland Fish. Soc. India* 8. Dec. 1976. SFA 24(3)

71-001899 Rahmann, H. and Jeserich, G. QUANTITATIVE MORPHOGENETIC INVESTIGATIONS ON FINE STRUCTURAL CHANGES IN THE OPTIC TECTUM OF THE RAINBOW TROUT (/SALMO GAIRDNERI/) DURING ONTOGENESIS. *Wilhelm Roux's Arch. Dev. Biol.* 184 (1): 83-94. 1978. SFA 23(3)

71-001900 Rajbanshi, V. K. THE ARCHITECTURE OF THE GILL SURFACE OF THE CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH): SEM STUDY. *J. Fish Biol.* 10 (4): 325-329. Apr. 1977. SFA 22(3)

71-001901 Ramanathan, N. and R. Natarajan. FLAT FISH EGGS, LARVAE AND THEIR DEVELOPMENT. *Aquaculture* 18(4):349-366. Dec. 1979. SFA 25(2)

71-001902 Rana, A. K.; Ojha, J. and Datta Munshi, J. S. MORPHOMETRICS OF THE OLFACTORY ROSETTE IN RELATION TO BODY WEIGHT IN A FRESHWATER MURREL /CHANNA (=OPHIOCEPHALUS) PUNCTATUS/ (BLOCH). *Arch. Biol.* 89 (4): 403-417. 1978. SFA 24(3)

71-001903 Raschi, W. NOTES ON THE GROSS FUNCTIONAL MORPHOLOGY OF THE AMPULLARY SYSTEM IN TWO SIMILAR SPECIES OF SKATES, /RAJA ERINACEA/ AND /R. OCELLATA/. *Copeia* 1978 (1): 48-53. 10 Feb. 1978. SFA 23(2)

71-001904 Rasmussen, R. P. EGG AND LARVA DEVELOPMENT OF BROOK SILVERSIDES FROM THE PEACE RIVER, FLORIDA. *Trans. Am. Fish. Soc.* 109(4):407-416. July 1980. SFA 25(4)

71-001905 Rawdon, B. B. ULTRASTRUCTURE OF THE NON-GRANULATED HYPOPHYSIAL CELLS IN THE TELEOST /PSEUDOCRENILABRUS PHILANDER/ (/HEMIHAPLOCHROMIS PHILANDER/), WITH PARTICULAR REFERENCE TO CYTOLOGICAL CHANGES IN CULTURE. *Acta Zool. (Stockh.)* 59 (1): 25-33. 1978. SFA 23(3)

71-001906 Rechten, C. A NOTE ON THE REPRODUCTIVE COLOURATION OF THE CICHLID FISH *ETROPLUS MACULATUS*. *J. Comp. Ethol.* 52(2):135-140. 1980. In English with German summ. SFA 25(4)

71-001907 Reif, W.-E. A MECHANISM FOR TOOTH PATTERN REVERSAL IN SHARKS: THE POLARITY SWITCH MODEL. *Wilhelm Roux's Arch. Dev. Biol.* 188(2):115-122. June 1980. SFA 25(4)

71-001908 Reifel, C. W. and A. A. Travill. STRUCTURE AND CARBOHYDRATE HISTOCHEMISTRY OF THE INTESTINE IN TEN TELEOSTEAN SPECIES. *J. Morphol.* 162(3):343-360. Dec. 1979. SFA 25(2)

71-001909 Reifel, C. W. and Travill, A. A. STRUCTURE AND CARBOHYDRATE HISTOCHEMISTRY OF THE STOMACH IN EIGHT SPECIES OF TELEOSTS. *J. Morphol.* 158 (2): 155-168. Nov. 1978. SFA 24(1)

71-001910 Reifel, C. W. and Travill, A. A. STRUCTURE AND CARBOHYDRATE HISTOCHEMISTRY OF THE ESOPHAGUS IN TEN TELEOSTEAN SPECIES. *J. Morphol.* 152 (3): 303-314. June 1977. SFA 22(3)

71-001911 Reimchen, T. E. SPINE DEFICIENCY AND POLYMORPHISM IN A POPULATION OF *GASTEROSTEUS ACULEATUS*: AN ADAPTATION TO PREDATORS? *Can. J. Zool.* 58(7):1232-1244. July 1980. In English with French summ. SFA 25(4)

71-001912 Repérant, J.; J.-P. Rio and M. Amouzou. ANALYSE RADIOAUTOGRAPHIQUE DES PROJECTIONS RÉTINIENNES CHEZ LE POISSON OSSEUX PRIMITIF *POLYPTERUS SENEGALUS* C. [RADIOAUTOGRAPHIC ANALYSIS OF THE RETINOFUGAL PATHWAYS IN THE PRIMITIVE BONY FISH *POLYPTERUS SENEGALUS* C.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 289(13):947-950. 19 Nov. 1979. In French with English summ. SFA 25(2)

71-001913 Resh, V. H.; White, D. S.; Elbert, S. A.; Jennings, D. E. and Krumholz, L. A. VERTEBRAL VARIATION IN THE EMERALD SHINER /NOTROPIS ATHERINOIDES/ FROM THE OHIO RIVER: AN APPARENT CONTRADICTION TO "JORDAN'S RULE." *Bull. South. Calif. Acad. Sci.* 75 (2): 76-84. Aug. 1976. SFA 22(2)

71-001914 Reynolds, W. W. SKELETON WEIGHT ALLOMETRY IN AQUATIC AND TERRESTRIAL VERTEBRATES. *Hydrobiologia* 56 (1): 35-37. 29 Sept. 1977. SFA 23(2)

71-001915 Reynolds, W. W. and Karlotski, W. J. THE ALLOMETRIC RELATIONSHIP OF SKELETON WEIGHT TO BODY WEIGHT IN TELEOST FISHES: A PRELIMINARY COMPARISON WITH BIRDS AND MAMMALS. *Copeia* 1977 (1): 160-163. 16 Mar. 1977. SFA 22(3)

71-001916 Richardson, S. L. and Laroche, W. A. DEVELOPMENT AND OCCURRENCE OF LARVAE AND JUVENILES OF THE ROCKFISHES /SEBASTES CRAMERI/, /SEBASTES PINNIGER/, AND /SEBASTES HELVOMACULATUS/ (FAMILY SCORPAENIDAE) OFF OREGON. *NOAA Fish. Bull.* 77 (1): 1-46. Jan. 1979. SFA 24(3)

71-001917 Riehl, R. DER FOLLIKEL VON /NOEMACHEILUS BARBATULUS/ (L.) UND /GOBIO GOBIO/ (L.) UND SEINE BEZIEHUNGEN ZUR OOCYTE. [THE FOLLICLE OF /NOEMACHEILUS BARBATULUS/ (L.) AND /GOBIO GOBIO/ (L.) AND ITS RELATIONS TO THE OOCYTE.] *Zool. Anz.* 199 (1/2): 121-139. 1977. In German with English summ. SFA 23(2)

71-001918 Riehl, R. FEINSTRUKTUR DER KNOCHENZELLEN IN DEM GONOPODIUM VON /HETERANDRIA FORMOSA/ AGASSIZ, 1853 (TELEOSTEI, POECILIIDAE). [ULTRASTRUCTURE OF THE BONE CELLS IN THE GONOPODIUM OF /HETERANDRIA FORMOSA/ AGASSIZ, 1853 (TELEOSTEI, POECILIIDAE).] *Acta Zool. (Stockh.)* 59 (3,4): 199-202. 1978. In German with English summ. SFA 24(2)

71-001919 Riehl, R. FIENBAU, ENTWICKLUNG UND BEDEUTUNG DER EIHUELLEN BEI KNOCHENFISCHEN. [UTLTRASTRUCTURE, DEVELOPMENT AND SIGNIFICANCE OF THE EGG MEMBRANES OF TELEOSTS.] *Riv. It. Piscic. Ittiop.* 13 (4): 113-121. Oct.-Nov.-Dec. 1978. In German with English and Italian summ. SFA 24(2)

71-001920 Riehl, R. GIANT COLLAGEN FIBRES IN THE GONOPODIUM OF THE MOSQUITOFISH *HETERANDRIA FORMOSA* AGASSIZ, 1853 (PISCES, POECILIIDAE). *Experientia (Basel)* 36(8):961-963. 15 Aug. 1980. SFA 25(4)

71-001921 Riehl, R. MICROPYLE OF SOME SALMONINS AND COREGONINS. *Environ. Biol. Fishes* 5(1):59-66. 30 Jan. 1980. SFA 25(3)

71-001922 Riehl, R.; Holl, A. and Schulte, E. MORPHOLOGISCHE UND FEINSTRUKTERELLE UNTERSUCHUNGEN AN DEM GONOPODIUM VON /HETERANDRIA FORMOSA/ AGASSIZ, 1853 (PISCES, POECILLIDAE). [MORPHOLOGICAL AND ULTRASTRUCTURAL STUDIES ON THE GONOPODIUM OF /HETERANDRIA FORMOSA/ AGASSIZ, 1853 (PISCES, POECILIIDAE).] *Zoomoprhologie* 91 (2): 133-146. 1978. In German with English summ. SFA 24(1)

71-001923 Rizkalla, W. and Emsheri, O. THE PANCREAS OF THE MARINE TELEOST FISH, /LITHOGNATHUS MORMYRUS/ L., WITH SPECIAL REFERENCE TO ITS ISLET TISSUE. *Libyan J. Sci.* 8A: 1-20. 1978. SFA 24(3)

71-001924 Roberts, T. R. CHARACOID FISH TEETH FROM MIOCENE DEPOSITS IN THE CUENCA BASIN, ECUADOR. *J. Zool. (Lond.)* 175 (2): 259-271. Feb. 1975. SFA 22(2)

71-001925 Robison, H. W. VARIATION IN THE CAUDAL SKELETON OF TWO ETHEOSTOMATINE FISHES. *Southwest. Nat.* 23 (1): 165-167. 15 Feb. 1978. SFA 23(2)

71-001926 Robotham, P. W. J. THE DIMENSIONS OF THE GILLS OF TWO SPECIES OF LOACH, /NOEMACHEILUS BARBATULUS/ AND /COBITIS TAENIA/. *J. Exp. Biol.* 76: 181-184. Oct. 1978. SFA 24(1)

71-001927 Ross, L. G. THE HAEMODYNAMICS OF GAS RESORPTION FROM THE PHYSOCLIST SWIMBLADDER: THE STRUCTURE AND MORPHOMETRICS OF THE OVAL IN /POLLACHIUS VIRENS/ (L). *J. Fish Biol.* 14 (3): 261-266. Mar. 1979. SFA 24(3)

71-001928 Rubtsov, V. V. and Zh. A. Chernyanev. CHANGES IN THE ARCHITECTONICS OF BAIKAL OMUL *COREGONUS AUTUMNALIS MIGRATORIUS* EGGS DURING EMBRYOGENESIS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 10(3):258-262. Mar. 1980. SFA 25(2)

71-001929 Rubtsov, V. V. CERTAIN CHARACTERISTICS OF MICROSTRUCTURE OF EGG MEMBRANES OF CARP /CYPRINUS CARPIO/. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 8 (3): 261-264. Mar. 1978. SFA 23(3)

71-001930 Ruby, E. G. and Morin, J. G. SPECIFICITY OF SYMBIOSIS BETWEEN DEEP-SEA FISHES AND PSYCHROTROPHIC LUMINOUS BACTERIA. *Deep-Sea Res.* 25 (2): 161-167. Feb. 1978. SFA 23(3)

71-001931 Rudometkina, G. P. POSTEMBRYONIC DEVELOPMENT OF /VINCIGUERRIA NIMBARIA/ FROM THE ATLANTIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 940-950. 1975. SFA 22(1)

71-001932 Rusoff, A. C. and S. S. Easter, Jr. ORDER IN THE OPTIC NERVE OF GOLDFISH. *Science* 208(4441):311-312. 18 Apr. 1980. SFA 25(2)

71-001933 Rybachuk, V. K. FEATURES OF THE STRUCTURE OF THE SKELETON AND CAUDAL FIN MUSCLES IN /SEBASTES NEBULOSUS/ AND /SEBASTES JORDANI/ (SEBASTINAE, SCORPAENIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 452-458. 1976. SFA 22(4)

71-001934 Saidel, W. ANALYSIS OF FLATFISH CAMOUFLAGE. *Am. Zool* 18 (3): 579. 1978. Abstract only. SFA 24(2)

71-001935 Saidel, W. M. PHYSIOLOGICAL AND PSYCHOLOGICAL ASPECTS OF FLATFISH CAMOUFLAGE. *Ph.D. dissertation, Mass. Inst. Technol.* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(12):5794. June 1978. SFA 23(4)

71-001936 Sandset, P. M. and Korneliussen, H. MYOSATELLITE CELLS ASSOCIATED WITH DIFFERENT MUSCLE FIBRE TYPES IN THE ATLANTIC HAGFISH (/MYXINE GLUTINOSA/, L.). *Cell Tissue Res.* 195 (1): 17-27. 1978. SFA 24(2)

71-001937 Sandy, J. M. and J. H. S. Blaxter. A STUDY OF RETINAL DEVELOPMENT IN LARVAL HERRING AND SOLE. *J. Mar. Biol. Assoc. UK* 60(1):59-71. Feb. 1980. SFA 25(2)

71-001938 Santer, R. M. and M. G. Walker. MORPHOLOGICAL STUDIES ON THE VENTRICLE OF TELEOST AND ELASMOBRANCH HEARTS. *J. Zool. (Lond.)* 190(2):259-272. Feb. 1980. SFA 25(2)

71-001939 Santer, R. M. THE DISTRIBUTION OF CALLAGEN BUNDLES AND AN EPICARDIAL CORONARY VASCULATURE IN THE PLAICE (/PLEURONECTES PLATESSA/ L.) HEART VENTRICLE AT DIFFERENT AGES. *J. Mar. Biol. Assoc. U.K.* 56 (1): 241-246. Feb. 1976. SFA 22(3)

71-001940 Scherer, M. D. and D. W. Bourne. EGGS AND EARLY LARVAE OF SMALLMOUTH FLOUNDER, *ETROPUS MICROSTOMUS. NOAA Fish. Bull.* 77(3):708-712. July 1979. SFA 25(2)

71-001941 Schmidt, J. T. THE LAMINAR ORGANIZATION OF OPTIC NERVE FIBERS IN THE TECTUM OF GOLDFISH. *Proc. R. Soc. Lond. B Biol. Sci.* 205(1159):287-306. 1 Aug. 1979. SFA 25(1)

71-001942 Schoen, T. M. THE FINE STRUCTURE OF THE NOTOCHORD AND ADJACENT TISSUES OF AN EMBRYONIC TELEOST. *M.S. thesis, Fla. Atl. Univ.* 85p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-001943 Schröder, J. H. MORPHOLOGICAL AND BEHAVIOURAL DIFFERENCES BETWEEN THE BB/OB AND B/W COLOUR MORPHS OF *PSEUDOTROPHEUS ZEBRA* BOULENGER (PISCES; CICHLIDAE). *Z. Zool. Syst. Evolutionsforsch.* 18(1):69-76. Mar. 1980. In English with German summ. SFA 25(3)

71-001944 Schroder, S. L. and Zaret, T. M. THE ADAPTIVE SIGNIFICANCE OF COLOR PATTERNS IN /CICHLA OCELLARIS/. *Copeia* 1979 (1): 43-47. 20 Feb. 1979. SFA 24(2)

71-001945 Schulte, E. and Riehl, R. FEINSTRUKTUR DER REGIO OLFACTORIA VOM PIRANHA, /SERRASALMUS NATTERERI/ (KNER, 1860) (TELEOSTEI, CHARACIDAE). [ULTRASTRUCTURE OF THE REGIO OLFACTORIA OF THE PIRANHA /SERRASALMUS NATTERERI/ (KNER, 1860) (TELEOSTEI, CHARACIDAE).] *Zool. Anz.* 200 (1/2): 119-131. 1978. In German with English summ. SFA 23(4)

71-001946 Schwartz, E. L. THE DEVELOPMENT OF SPECIFIC VISUAL CONNECTIONS IN THE MONKEY AND THE GOLDFISH: OUTLINE OF A GEOMETRIC THEORY OF RECEPTOTOPIC STRUCTURE. *J. Theor. Biol.* 69 (4): 655-683. 21 Dec. 1977. SFA 23(2)

71-001947 Schwerdtfeger, W. K. QUALITATIVE AND QUANTITATIVE DATA ON THE FINE STRUCTURE OF THE GUPPY (/POECILIA RETICULATA/ PETERS) EPIDERMIS FOLLOWING TREATMENT WITH THYROXINE AND TESTOSTERONE. *Gen. Comp. Endocrinol.* 38(4):484-490. Aug. 1979. SFA 25(1)

71-001948 Schwerdtfeger, W. K. MORPHOMETRICAL STUDIES OF THE ULTRASTRUCTURE OF THE EPIDERMIS OF THE GUPPY, /POECILIA RETICULATA/ PETERS, FOLLOWING ADAPTATION TO SEAWATER AND TREATMENT WITH PROLACTIN. *Gen. Comp. Endocrinol.* 38(4):476-483. Aug. 1979. SFA 25(1)

71-001949 Serebryakov, V. P. DEVELOPMENT OF THE SPOTTED HAKE, *UROPHYCIS REGIUS*, FROM THE NORTHWESTERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):793-799. 1978. SFA 25(2)

71-001950 Shaposhnikova, G. Kh. SOME MORPHOLOGICAL FEATURES OF /PROSOPIUM CYLINDRACEUM/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 664-667. 1977. SFA 23(4)

71-001951 Sharma, C. L. A BIOMETRICAL STUDY ON RHOMBENCEPHALON AND ITS PARTS IN THE DEVELOPMENTAL STAGES OF *CIRRHINA MRIGALA* (HAM). *J. Anim. Morphol. Physiol.* 26(1/2):102-108. June-Dec. 1979. SFA 25(4)

71-001952 Sharma, C. L. BIOSTATISTICAL ANALYSIS OF GROWTH OF MESENCEPHALON AND ITS PARTS IN THE DEVELOPMENTAL STAGES OF *CIRRHINA MRIGALA* (HAM). *J. Anim. Morphol. Physiol.* 26(1/2):93-101. June-Dec. 1979. SFA 25(4)

71-001953 Shellis, R. P. and Berkovitz, B. K. B. OBSERVATIONS ON THE DENTAL ANATOMY OF PIRANHAS (CHARACIDAE) WITH SPECIAL REFERENCE TO TOOTH STRUCTURE. *J. Zool. (Lond.)* 180 (1): 69-84. Sept. 1976. SFA 22(2)

71-001954 Shelton, W. L. and R. R. Stephens. COMPARATIVE EMBRYOGENY AND EARLY DEVELOPMENT OF THREADFIN AND GIZZARD SHAD. *Prog. Fish-Cult.* 42(1):34-41. Jan. 1980. SFA 25(1)

71-001955 Shiganova, T. A. POSTEMBRYONIC DEVELOPMENT OF /HYGOPHUM BENOITI/ (MYCTOPHIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (5): 746-754. 1974. SFA 21(2).

71-001956 Shirota, A. [STUDIES ON THE MOUTH SIZE OF FISH LARVAE. III. RELATIONSHIP BETWEEN INFLECTION POINT OF THE UPPER JAW GROWTH AND MORPHOLOGICAL-ECOLOGICAL CHANGE.] *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1179-1182. Nov. 1978. In Japanese with English summ. SFA 24(2)

71-001957 Shirota, A. [STUDIES ON THE MOUTH SIZE OF FISH LARVAE. II. SPECIFIC CHARACTERISTICS OF THE UPPER JAW LENGTH.] *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1171-1177. Nov. 1978. In Japanese with English summ. SFA 24(2)

71-001958 Shubnikova, N. G. A MORPHOMETRIC DESCRIPTION OF SILVER CARP (*HYPOPHTHALMICHTHYS MOLITRIX*) UNDERYEARLINGS IN UZBEKISTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):854-856. 1978. SFA 25(2)

71-001959 Shubnikova, N. G. ON SEXUAL DIMORPHISM IN THE SILVER CARP, *HYPOPHTHALMICHTHYS MOLITRIX. J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):154-158. 1979. SFA 25(4)

71-001960 Sideleva, V. G. MORPHOLOGICAL CHARACTERISTICS OF THE LATERAL LINE SYSTEM IN THE EURASIAN SCULPIN OF THE SUBFAMILY COTTINAE (COTTIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):45-55. 1979. SFA 25(4)

71-001961 Sideleva, V. G. STRUCTURAL FEATURES OF THE SEISMOSENSORY SYSTEM OF SHORE AND DEEPWATER BULLHEADS (PISCES: COTTIDAE, ABYSSOCOTTIDAE) OF LAKE BAIKAL. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 248(1-6):1137-1141. Mar. 1980. SFA 25(3)

71-001962 Singh, S. P. FUNCTIONAL ANATOMY OF OLFACTORY ORGANS IN SOME MARINE TELEOSTS. *Zool. Anz.* 199 (5/6): 441-444. 1977. SFA 23(3)

71-001963 Singh, S. P. FUNCTIONAL ANATOMY OF THE SWIM BLADDER IN /CHANNA PUNCTATUS/ (BL.). *Zool. Anz.* 199 (1/2): 149-151. 1977. SFA 23(2)

71-001964 Sis, R. F.; Ives, P. J.; Jones, D. M.; Lewis, D. H. and Haensly, W. E. THE MICROSCOPIC ANATOMY OF THE OESOPHAGUS, STOMACH AND INTESTINE OF THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish Biol.* 14 (2): 179-186. Feb. 1979. SFA 24(3)

71-001965 Sivak, J. G. and Roth, P. I. POSSIBLE ROLE OF FUNDUS CIRCULATION AS AN INTRAOCULAR COLOUR FILTER IN CERTAIN FISHES. *Rev. Can. Biol.* 37 (2): 85-90. June 1978. In English with French summ. SFA 24(2)

71-001966 Sivak, J. G. and Gilbert, P. W. REFRACTIVE AND HISTOLOGICAL STUDY OF ACCOMMODATION IN TWO SPECIES OF SHARKS (/GINGLYMOSTOMA CIRRATUM/ AND /CARCHARHINUS MILBERTI/). *Can. J. Zool.* 54 (11): 1811-1817. Nov. 1976. In English with French summ. SFA 21(4)

71-001967 Sivak, J. G. OPTICAL CHARACTERISTICS OF THE EYE OF THE SPINY DOGFISH (/SQUALUS ACANTHIAS/). *Rev. Can. Biol.* 37 (3): 209-217. Sept. 1978. In English with French summ. SFA 24(2)

71-001968 Sivak, J. G. THE FUNCTIONAL SIGNIFICANCE OF THE APHAKIC SPACE OF THE FISH EYE. *Can. J. Zool.* 56 (3): 513-516. Mar. 1978. In English with French summ. SFA 23(3)

71-001969 Slinde, E. and H. Kryvi. STUDIES ON THE NATURE OF THE Z-DISCS IN SKELETAL MUSCLE FIBRES OF SHARKS, *ETMOPTERUS SPINAX* L. AND *GALEUS MELASTOMUS* RAFINESQUE-SCHMALTZ. *J. Fish Biol.* 16(3):299-308. Mar. 1980. SFA 25(3)

71-001970 Smith, D. G. and M. M. Leiby. THE LARVA OF THE CONGRID EEL *ACROMYCTER ALCOCKI* (PISCES: ANGUILLIFORMES), AND THE DISTINCTION BETWEEN CONGRID AND OPHICHTHID LARVAE. *Proc. Biol. Soc. Wash.* 93(2):388-394. 28 Aug. 1980. SFA 25(4)

71-001971 Smith, G. B. and L. H. Bullock. XANTHIC SPECIMENS OF THE SPECKLED HIND, *EPINEPHELUS DRUMMONDHAYI* (SERRANIDAE), FROM THE EASTERN GULF OF MEXICO. *Fla. Sci.* 42(4):252-253. 1979. SFA 25(2)

71-001972 Smith, M. M. ENAMEL IN THE ORAL TEETH OF /LATIMERIA CHALUMNAE/ (PISCES: ACTINISTIA): A SCANNING ELECTRON MICROSCOPE STUDY. *J. Zool. (Lond.)* 185 (3): 355-369. July 1978. SFA 23(4)

71-001973 Smith, R. J. F. SEASONAL CHANGES IN THE HISTOLOGY OF THE GONADS AND DORSAL SKIN OF THE FATHEAD MINNOW, /PIMEPHALES PROMELAS/. *Can. J. Zool.* 56(10):2103-2109. Oct. 1978. In English with French summ. SFA 24(1)

71-001974 Snyder, D. E. BURBOT-LARVAL EVIDENCE FOR MORE THAN ONE NORTH AMERICAN SPECIES. *IN* R. D. Hoyt, ed. *Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 204-219. 1979. SFA 24(3)

71-001975 Snyder, D. E. MYOMERE AND VERTEBRA COUNTS OF THE NORTH AMERICAN CYPRINIDS AND CATOSTOMIDS. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 53-69. 1979. SFA 24(3)

71-001976 Soin, S. G. SOME FEATURES OF THE DEVELOPMENT OF THE CARP, /CYPRINUS CARPIO/, UNDER HATCHERY CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 759-769. 1978. SFA 24(1)

71-001977 Sorokin, V. N. and A. A. Sorokina. MORPHOMETRIC DESCRIPTION OF THE BAIKAL PIKE, *ESOX LUCIUS LUCIUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):143-147. 1979. SFA 25(4)

71-001978 Spain, A. V.; C. J. Grant and D. F. Sinclair. PHENOTYPIC AFFINITIES OF 11 SPECIES OF AUSTRALIAN MULLET (PISCES: MUGILIDAE). *Aust. J. Mar. Freshwater Res.* 31(1):69-83. Mar. 1980. SFA 25(4)

71-001979 Sponaugle, D. L. and Wourms, J. P. SEM OF SECONDARY EGG ENVELOPE MORPHOGENESIS IN CYPRINODONT FISHES. *Am. Zool.* 18 (3): 607. 1978. Abstract only. SFA 24(2)

71-001980 Spouge, J. L. and Larkin, P. A. A REASON FOR PLEOMERISM. *J. Fish. Res. Board Can.* 36 (3): 255-269. Mar. 1979. In English with French summ. SFA 24(3)

71-001981 Srivastava, C. B. L. and M. Singh. OCCURRENCE OF CAROTID LABYRINTH IN THE CATFISH GROUP OF TELEOST FISHES. *Experiencia (Basel)* 36(6):651-653. 15 June 1980. SFA 25(3)

71-001982 Srivastava, S.; Prakash Rai, B. and Swarup, K. HISTOMORPHOLOGY OF THE TINCTORIAL CELLS IN THE PITUITARY GLAND OF /CHANNA STRIATUS/ (BLOCH). *Arch. Biol.* 88 (1): 101-116. 1977. SFA 24(3)

71-001983 Sroczynski, S. UEBER EIN EINFACHES VERFAHREN ZUR MESSUNG DER BRENNWEITE DER FISCHKRISTALLINESEN.]A SIMPLE METHOD FOR MEASURING THE FOCAL LENGTH OF THE FISH CRYSTALLINE LENS.] *Zool. Anz.* 203(1/2):1-11. 1979. In German with English summ. SFA 25(1)

71-001984 Stasiak, R. H. MORPHOLOGY AND VARIATION IN THE FINESCALE DACE, /CHROSOMUS NEOGAEUS/. *Copeia* 1977 (4): 771-774. 25 Nov. 1977. SFA 23(1)

71-001985 Steele, B. D. THE REPRODUCTIVE STRATEGY AND ENERGETICS OF ROSEFIN SHINERS, /NOTROPIS ARDENS/, IN BAREBONE CREEK, KENTUCKY. *Ph.D. dissertation, Univ. Louisville* 113p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5219. May 1979. SFA 24(3)

71-001986 Stehr, C. M. and Hawkes, J. W. THE COMPARATIVE ULTRASTRUCTURE OF EGG MEMBRANE AND ASSOCIATED PORE STRUCTURES IN THE STARRY FLOUNDER, /PLATICHTHYS STELLATUS/ (PALLAS), AND PINK SALMON, /ONCORHYNCHUS GORBUSCHA/ (WALBAUM). *Cell Tissue Res.* 202(3):347-356. Nov. 1979. SFA 25(1)

71-001987 Stroband, H. W. J. GROWTH AND DIET DEPENDANT STRUCTURAL ADAPTATIONS OF THE DIGESTIVE TRACT IN JUVENILE GRASS CARP (/CTENOPHARYNGODON IDELLA/, VAL.). *J. Fish Biol.* 11(2):167-174. Aug. 1977. SFA 23(1)

71-001988 Sugimoto, Y. and Takahashi, H. ULTRASTRUCTURAL CHANGES OF TESTICULAR INTERSTITIAL CELLS OF SILVER EELS, /ANGUILLA JAPONICA/, TREATED WITH HUMAN CHORIONIC GONADOTROPIN. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):23-33. Feb. 1979. SFA 25(1)

71-001989 Sumida, B. Y.; Ahlstrom, E. H. and Moser, H. G. EARLY DEVELOPMENT OF SEVEN FLATFISHES OF THE EASTERN NORTH PACIFIC WITH HEAVILY PIGMENTED LARVAE (PISCES, PLEURONECTIFORMES). *NOAA Fish. Bull.* 77(1):105-145. Jan. 1979. SFA 24(3)

71-001990 Suvorova, L. G. and Treshchuk, L. I. THE MORPHOLOGY AND HISTOCHEMISTRY OF THE ALIMENTARY CANAL OF THE BAIKAL OMUL, /COREGONUS AUTUMNALIS MIGRATORIUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):431-437. 1978.
SFA 25(1)

71-001991 Symmons, S. NOTOCHORDAL AND ELASTIC COMPONENTS OF THE AXIAL SKELETON OF FISHES AND THEIR FUNCTIONS IN LOCOMOTION. *J. Zool. (Lond.)* 189(2):157-206. Oct. 1979. SFA 25(1)

71-001992 Szollosi, D.; Jalabert, B. and Breton, B. POSTOVULATORY CHANGES IN THE THECA FOLLICULI OF THE TROUT. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 883-891. 1978. SFA 24(1)

71-001993 Takashima, F. [VERTEBRAL MALFORMATION IN HATCHERY-REARED RED SEA-BREAM, /CHRYSOPHRYS MAJOR/.] *Bull. Jpn. Soc. Sci. Fish.* 44(5):435-443. May 1978. In Japanese with English summ. SFA 23(4)

71-001994 Takeuchi, I. K. APPLICATION OF MALACHITE GREEN-CONTAINING GLUTARALDEHYDE AS A FIXATIVE FOR ELECTRON MICROSCOPY OF XANTHOPHORES IN THE MEDAKA, A TELEOSTEAN FISH. *J. Exp. Zool.* 208 (3): 417-422. June 1979. SFA 24(4)

71-001995 Takita, T. EMBRYONIC DEVELOPMENT AND LARVAE OF THREE DRAGONETS. *Bull. Jpn. Soc. Sci. Fish.* 46(1):1-7. Jan. 1980. SFA 25(2)

71-001996 Tamura, E. and Honma, Y. HISTOLOGICAL CHANGES IN THE ORGANS AND TISSUES OF THE GOBIID FISHES THROUGHOUT THEIR LIFE-SPAN--VIII. SEASONAL CHANGES IN THE THYMUS OF FOUR SPECIES OF GOBIES. *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 963-974. Aug. 1977. SFA 23(1)

71-001997 Tan, C. K. and W. C. Wong. INNERVATION OF THE MUSCULARIS EXTERNA IN THE STOMACH OF A CORAL FISH, *CHELMON ROSTRATUS* CUVIER. *J. Anat.* 130(2):289-303. SFA 25(2)

71-001998 Tasto, R. N. SPINAL COLUMN DEFORMITY IN A PILE SURFPERCH, /DAMALICHTHYS VACCA/. *Calif. Fish Game* 64 (3): 223-225. July 1978. SFA 24(1)

71-001999 Taubert, B. D. and M. J. Dadswell. DESCRIPTION OF SOME LARVAL SHORTNOSE STURGEON (*ACIPENSER BREVIROSTRUM*) FROM THE HOLYOKE POOL, CONNECTICUT RIVER, MASSACHUSETTS, U.S.A., AND THE SAINT JOHN RIVER, NEW BRUNSWICK, CANADA. *Can. J. Zool.* 58(6):1125-1128. June 1980. In English with French summ. SFA 25(3)

71-002000 Terlou, M. and Ekengren, B. NUCLEUS PRAEOPTICUS AND NUCLEUS LATERALIS TUBERIS OF /SALMO SALAR/ AND /SALMO GAIRDNERI/: STRUCTURE AND RELATIONSHIP TO THE HYPOPHYSIS. *Cell Tissue Res.* 197 (1): 1-21. 1979. SFA 24(3)

71-002001 Tesoriero, J. V. A MORPHOLOGICAL, HISTOCHEMICAL AND AUTORADIOGRAPHIC STUDY OF THE FORMATION OF THE CHORION IN THE TELEOST, /ORYZIAS LATIPES/. *Ph.D. dissertation, State Univ. N.Y., Downstate Med. Cent.* 204 p. 1976. From Diss. Abstr. Int. B. Sci. Eng. 37(8), 1977. SFA 22(3)

71-002002 Theisen, B.; H. Breucker; E. Zeiske and R. Melinkat. STRUCTURE AND DEVELOPMENT OF THE OLFACTORY ORGAN IN THE GARFISH *BELONE BELONE* (L.) (TELEOSTEI, ATHERINIFORMES). *Acta Zool. (Stockh.)* 61(3):161-170. 1980. SFA 25(4)

71-002003 Thomson, K. S. and Muraszko, K. ESTIMATION OF CELL SIZE AND DNA CONTENT IN FOSSIL FISHES AND AMPHIBIANS. *J. Exp. Zool.* 205 (2): 315-320. Aug. 1978. SFA 23(4)

71-002004 Thorson, T. B.; Wotton, R. M. and Georgi, T. A. RECTAL GLAND OF FRESHWATER STINGRAYS, /POTAMOTRYGON/ SPP. (CHONDRICHTHYES: POTAMOTRYGONIDAE). *Biol. Bull.* 154 (3): 508-516. June 1978. SFA 23(4)

71-002005 Tiffany, W. J. III; R. E. Pelham and F. W. Howell. HYPEROSTOSIS IN FLORIDA FOSSIL FISHES. *Fla. Sci.* 43(1):44-49. 1980. SFA 25(3)

71-002006 Touart, L. W. and S. A. Bortone. THE ACCESSORY REPRODUCTIVE STRUCTURE IN THE SIMULTANEOUS HERMAPHRODITE *DIPLECTRUM BIVITTATUM. J. Fish Biol.* 16(4):397-403. Apr. 1980. SFA 25(3)

71-002007 Trier, J. S. and P. C. Moxey. EPITHELIAL CELL PROLIFERAITON IN THE INTESTINE OF THE WINTER FLOUNDER, *PSEUDOPLEURONECTES AMERICANUS. Cell Tissue Res.* 206(3):379-385. Mar. 1980. SFA 25(3)

71-002008 Trunov, I. A. NOTES ON THE ICHTHYOFAUNA OF THE SOUTH-EASTERN ATLANTIC. /HYPOCLYDONIA BELLA/ GOODE ET BEAN, 1895 AND /MACROPARALEPIS MACROGENEION/ POST, 1973. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 657-659. 1976. SFA 23(1)

71-002009 Tsokur, A. G. DATA ON THE DEVELOPMENT OF THE MALAYAN HEADLIGHT FISH, /DIAPHUS MALAYANUS/ (MYCTOPHIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 611-622. 1975. SFA 21(3).

71-002010 Turner, B. J. and Liu, R. K. XANTHIC VARIANTS IN A NATURAL POPULATION OF THE SALT CREEK PUPFISH, /CYPRINODON SALINUS/. *Southwest. Nat.* 22 (4): 538-540. 15 Oct. 1977. SFA 23(1)

71-002011 Tyunyakov, V. M. A MORPHOLOGICAL DESCRIPTION OF THE VOLGA PIKE-PERCH /LUCIOPERCA VOLGENSIS/ OF TSIMLYANSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 730-737. 1976. SFA 23(2)

71-002012 Ueck, M.; Ohnishi, R. and Wake, K. THE OUTER SEGMENTS OF PHOTORECEPTIVE PINEALOCYTES IN THE PINEAL ORGAN OF THE FUNA, /CARASSIUS GIBELIO LANGSDORFI/. A ACANNING ELECTRON MICROSCOPIC STUDY. *Cell Tissue Res.* 186(2):259-268. 1978. SFA 23(3)

71-002013 Ueda, H. EFFECT OF THIOUREA TREATMENT ON PITUITARY BASOPHILIC CELLS OF THE LOACH, /MISGURNUS ANGUILLICAUDATUS/. *Bull. Fac. Fish. Hokkaido Univ.* 30(2):116-123. May 1979. SFA 25(1)

71-002014 Ueda, H. and Hirashima, T. ON TWO DIFFERENT TYPES OF PUTATIVE GONADOTROPHS IN THE PITUITARY GLAND OF THE MASU SALMON, /ONCORHYNCHUS MASOU/. *Annot. Zool. Jpn.* 52 (2): 114-124. June 1979. SFA 24(4)

71-002015 Val-Sella, M. V. and A. Sesso. THIN SECTION AND FREEZE FRACTURE STUDIES OF THE HYPOPHYSEAL PROXIMAL PARS DISTALIS IN A TELEOST (*RHAMDIA HILARII* VAL.) DURING DIFFERENT STAGES OF THE REPRODUCTIVE CYCLE. *Cell Tissue Res.* 208(3):433-444. June 1980. SFA 25(4)

71-002016 van der Horst, G. THE STRUCTURE OF THE TESTIS OF THE MULLET, /LIZA DUMERILI/ (TELEOSTEI; MUGILIDAE) WITH SPECIAL REFERENCE TO SPERMATOGENESIS. *Zool. Afr.* 13 (2): 233-243. 1978. SFA 24(2)

71-002017 van der Horst, G. and Cross, R. H. M. THE STRUCTURE OF THE SPERMATOZOON OF /LIZA DUMERILI/ (TELEOSTEI) WITH NOTES ON SPERMIOGENESIS. *Zool. Afr.* 13 (2): 245-258. 1978. SFA 24(2)

71-002018 Van Eys, G. J. J. M. STRUCTURAL CHANGES IN THE PARS INTERMEDIA OF THE CICHLID TELEOST *SAROTHERODON MOSSAMBICUS* AS A RESULT OF BACKGROUND ADAPTATION AND ILLUMINATION. II. THE PAS-POSITIVE CELLS. *Cell Tissue Res.* 210(2):171-179. Aug. 1980. SFA 25(4)

71-002019 Van Hasselt, M. J. F. M. MORPHOLOGY AND MOVEMENTS OF THE JAW APPARATUS IN SOME LABRINAE (PISCES, PERCIFORMES). *Neth. J. Zool.* 29(1):52-108. Mar. 1979. SFA 25(1)

71-002020 Van Hasselt, M. J. F. M. A KINEMATIC JAW MODEL FOR THE RAPID WIDE OPENING AND THE CLOSING OF THE MOUTH IN SOME LABRINAE (PISCES, PERCIFORMES). *Neth. J. Zool.* 29(3):352-401. Sept. 1979. SFA 25(2)

71-002021 Van Hasselt, M. J. F. M. A KINEMATIC MODEL FOR THE UPPER-JAW PROTRUSION IN SOME LABRINAE (PISCES, PERCIFORMES). *Neth. J. Zool.* 30(1):82-128. Mar. 1980. SFA 25(3)

71-002022 van Hasselt, M. J. F. M. A KINEMATIC MODEL FOR THE JAW MOVEMENT IN SOME LABRINAE (PISCES, PERCIFORMES). *Neth. J. Zool.* 28 (3,4): 545-558. Sept.-Dec. 1978. SFA 24(2)

71-002023 Van Utrecht, W. L. REMARKS ON THE ANATOMY AND ONTOGENY OF SCALES OF TELEOSTS. I. *Aquaculture* 17 (2): 159-174. June 1979. SFA 24(4)

71-002024 Varraes, W. POSTEMBRYONIC DEVELOPMENT OF THE NASAL ORGANS, SACS AND SURROUNDING SKELETAL ELEMENTS IN /SALMO GARIDNERI/ (TELEOSTEI: SALMONIDAE), WITH SOME FUNCTIONAL INTERPRETATIONS. *Copeia* 1976(1):71-75. 12 Mar. 1976. SFA 21(1).

71-002025 Vasil'yeva, Ye. D. CRANIOLOGICAL CHARACTERISTICS OF THE DIADROMOUS CHAR (GENUS *SALVELINUS*, SALMONIDAE) OF KAMCHATKA PENINSULA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):63-73. 1979. SFA 25(3)

71-002026 Vasilyeva, E. D. and M. V. Mina. [COMPARATIVE ANALYSIS OF MORPHOLOGICAL CHARACTERS OF LENOKS FROM DIFFERENT REGIONS OF THE RANGE OF THE GENUS *BRACHYMYSTAX* (SALMONIFORMES, SALMONIDAE).] *Zool. Zh.* 59(1):79-90. 1980. In Russian with English summ. SFA 25(2)

71-002027 Vasilyeva, E. D. [MORPHOLOGY OF THE SKULL IN /SALVELINUS LEUCOMAENIS/ (SALMONIFORMES, SALMONIDAE) FROM THE KAMCHATKA RIVER BASIN.] *Zool. Zh.* 57(6):877-887. June 1978. In Russian with English summ. SFA 23(4)

71-002028 Verigin, B. V.; Makeyeva, A. P. and Shubnikova, N. G. THE MORPHOLOGY OF UNDERYEARLING HYBRIDS OF THE BIGHEAD /ARISTICHTHYS NOBILIS/ AND THE GRASS CARP /CTENOPHARYNGODON IDELLA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):226-231. 1975. SFA 21(3).

71-002029 Verigina, I. A. MICROSCOPIC STRUCTURE OF THE ALIMENTARY CANAL IN FISHES OF THE GENUS *ALEPOCEPHALUS* (SALMONIFORMES, ALEPOCEPHALIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):937-946. 1978. SFA 25(2)

71-002030 Verigina, I. A. PECULIARITIES OF THE ALIMENTARY CANAL OF THE PREDATORY CYPRINID, *OPSARIICHTHYS UNCIROSTRIS AMURENSIS. J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):92-97. 1979. SFA 25(4)

71-002031 Verigina, I. A. THE STRUCTURE OF THE ALIMENTARY CANAL IN AMERICAN SUCKERS OF THE GENUS /ICTIOBUS/ (CYPRINIFORMES, CATOSTOMIDAE). II. ALIMENTARY CANAL OF THE SMALLMOUTH BUFFALO /ICTIOBUS BUBALIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 779-785. 1976. SFA 23(2)

71-002032 Verigina, I. A. STRUCTURE OF THE ALIMENTARY CANAL IN AMERICAN CATOSTOMIDS OF THE GENUS /ICTIOBUS/. 3. ALIMENTARY CANAL OF THE BLACK BUFFALO (/ICTIOBUS NIGER/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 424-431. 1977. SFA 23(3)

71-002033 Verigina, I. A. STRUCTURAL FEATURES OF THE ALIMENTARY CANAL IN CONNECTION WITH THE LACK OF A STOMACH IN THE BLACK SEA BLENNY, /BLENNIUS SANGUINOLENTUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 964-968. 1977. SFA 24(1)

71-002034 Verigina, I. A. THE STRUCTURE OF THE ALIMENTARY CANAL IN SOME OF THE NORTHERN BLENNIOIDEI. I. THE ALIMENTARY CANAL OF THE ATLANTIC WOLFFISH (/ANARRHICHAS LUPUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 954-959. 1974. SFA 21(2).

71-002035 Verigina, I. A. and Savvaitova, K. A. THE STRUCTURE OF THE ALIMENTARY CANAL IN MEMBERS OF SYMPATRIC CHAR POPULATIONS [GENUS /SALVELINUS/] FROM LAKE AZABACH'YE (KAMCHATKA). *J. Ichthyol. (Engl. Transl. Vopr. Iktiol.)* 14(3):404-412. 1974. SFA 21(2).

71-002036 Verigina, I. A. STRUCTURE OF THE ALIMENTARY CANAL IN SOME OF THE NORTHERN BLENNIOIDEI. II. ALIMENTARY CANAL OF THE EELPOUT (/ZOARCES VIVIPARUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 770-775. 1975. SFA 22(1)

71-002037 Verigina, I. A. THE STUCTURE OF THE ALIMENTARY CANAL IN AMERICAN CATASTOMIDS OF THE GENUS /ICTIOBUS/ (CYPRINIFORMES, CATOSTOMIDAE). I. BIGMOUTH BUFFALO /ICTIOBUS CYPRINELLA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(1):88-95. 1976. SFA 22(3)

71-002038 Vijayaraghavan, P. STUDIES ON FISH EGGS AND LARVAE FROM INDIAN WATERS. 3. DEVELOPMENT OF EGG AND EARLY LARVA OF /CYPSELURUS SPILOPTERUS/ (CUVIER AND VALENCIENNES). *Indian J. Fish.* 21 (1): 211-219. 1974. SFA 23(2)

71-002039 Vogel, W. O. P. ARTERIOVENOUS ANASTOMOSES IN THE AFFERENT REGION OF TROUT GILL FILAMENTS (/SALMO GAIRDNERI/ RICHARDSON, TELEOSTEI). *Zoomorphologie* 90 (3): 205-212. 1978. SFA 23(4)

71-002040 Volobuyev, V. V. [ON THE DWARF FORM OF /SALVELINUS NEIVA/ (SALMONIFORMES, SALMONIDAE) FROM THE KORRAL LAKE (OKHOTA RIVER BASIN).] *Zool. Zh.* 56(3):405-411. Mar. 1977. In Russian with English summ. SFA 24(2)

71-002041 Wagner, H.-J. and Ali, M. A. RETINAL ORGANISATION IN GOLDEYE AND MOONEYE (/TELEOSTEI: HIODONTIDAE/). *Rev. Can. Biol.* 37(2):65-83. June 1978. In English with French summ. SFA 24(2)

71-002042 Wakita, M.; Itoh, K. and Kobayashi, S. TOOTH REPLACEMENT IN THE TELEOST FISH /PRIONURUS MICROLEPIDOTUS/ LACEPEDE. *J. Morphol.* 153 (1): 129-141. July 1977. SFA 22(4)

71-002043 Walker, M. G.; J. Horwood and L. Emerson. ON THE MORPHOLOGY AND FUNCTION OF RED AND WHITE SKELETAL MUSCLE IN THE ANCHOVIES *ENGRAULIS ENCRASICOLUS* L. AND *E. MORDAX* GIRARD. *J. Mar. Biol. Assoc. UK* 60(1):31-37. Feb. 1980. SFA 25(2)

71-002044 Wargo, A. A. LIGHT AND ELECTRON MICROSCOPE STUDIES OF CHANGES IN GASTRIC TISSUES OF THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ (RAFINESQUE), AS RELATED TO FEEDING TIMES. *Ph.D. dissertation, Georgetown Univ.* 273p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5199. May 1979. SFA 24(3)

71-002045 Wassersug, R. J. and Johnson, R. K. A REMARKABLE PYLORIC CAECUM IN THE EVERMANNELLID GENUS /COCCORELLA/ WITH NOTES ON GUT STRUCTURE AND FUNCTION IN ALEPISAUROID FISHES (PISCES, MYCTOPHIFORMES). *J. Zool. (Lond.)* 179 (2): 273-289. June 1976. SFA 22(3)

71-002046 Waterworth, G. D. FUNCTIONAL MORPHOLOGY OF THE FEEDING MECHANISM OF THE SLENDER SNIPEFISH *MACRORHAMPHOSUS GRACILIS. M.A. thesis, Calif. State Univ. (Long Beach)* 66p. 1979. From Masters Abstr. 17(4):295. Dec. 1979. SFA 25(2)

71-002047 Watson, A. H. D. THE STRUCTURE OF THE COELIAC GANGLION OF A TELEOST FISH *MYOXOCEPHALUS SCORPIUS. Cell Tissue Res.* 210(1):155-165. Aug. 1980. SFA 25(4)

71-002048 Watson, A. H. D. THE DISTRIBUTION OF AMINERGIC NEURONES AND THEIR PROJECTIONS IN THE BRAIN OF THE TELEOST, *MYOXOCEPHALUS SCORPIUS. Cell Tissue Res.* 208(2):299-312. 1980. SFA 25(3)

71-002049 Watson, A. H. D. and Cobb, J. L. S. A COMPARATIVE STUDY ON THE INNERVATION AND THE VASCULARIZATION OF THE /BULBUS ARTERIOSUS/ IN THE TELEOST FISH. *Cell Tissue Res.* 196(2):337-346. 1979. SFA 24(3)

71-002050 Webb, P. W. and J. M. Skadsen. REDUCED SKIN MASS: AN ADAPTATION FOR ACCELERATION IN SOME TELEOST FISHES. *Can. J. Zool.* 57(8):1570-1575. Aug. 1979. In English with French summ. SFA 25(2)

71-002051 Wedekind, H. P. ELECTRON MICROSCOPIC STUDY OF THE GIANT CELLS IN THE OLFACTORY BULB OF LABYRINTH FISH (BELONTIIDAE, PERCIFORMES). *Cell Tissue Res.* 199 (3): 509-517. 17 July 1979. SFA 24(4)

71-002052 Wedekind, H. P. RIESENZELLEN IM BULBUS OLFACTORIUS VON TELEOSTEERN. [GIANT CELLS IN THE OLFACTORY BULB OF TELEOSTEAN FISHES.] *Zoomorphologie* 91 (2): 217-224. 1978. In German with English summ. SFA 24(1)

71-002053 Wegner, N. T. THE ORIENTATION OF HAIR CELLS IN THE OTOLITHIC ORGANS AND THE PAPILLA NEGLECTA IN THE INNER EAR OF THE ANABANTIDE FISH /COLISA LABIOSA/ (DAY). *Acta Zool. (Stockh.)* 60(4):205-216. 1979. SFA 25(1)

71-002054 Weisel, G. F. HISTOLOGY OF THE FEEDING AND DIGESTIVE ORGANS OF THE SHOVELNOSE STURGEON, /SCAPHIRHYNCHUS PLATORYNCHUS/. *Copeia* 1979 (3): 518-525. 1 Aug. 1979. SFA 24(4)

71-002055 Weisel, G. F. THE INTEGUMENT AND CAUDAL FILAMENT OF THE SHOVELNOSE STURGEON, /SCAPHIRHYNCHUS PLATORYNCHUS/. *Am. Midl. Nat.* 100 (1): 179-189. July 1978. SFA 24(1)

71-002056 Werkheiser, E. and Dickinson, W. UNIQUE ANOMALY IN /ICTALURUS NEBULOSUS/. *Proc. Pa. Acad. Sci.* 52 (2): 157-160. 1978. SFA 24(4)

71-002057 Werns, S. and Howland, H. C. SIZE AND ALLOMETRY OF THE SACCULAR AIR BLADDER OF /GNATHONEMUS PETERSI/ (PISCES: MORMYRIDAE): IMPLICATIONS FOR HEARING. *Copeia* 1976(1):200-202. 12 Mar. 1976. SFA 21(1).

71-002058 White, D. S. EARLY DEVELOPMENT AND PATTERN OF SCALE FORMATION IN THE SPOTTED SUCKER, /MINYTREMA MELANOPS/ (CATOSTOMIDAE). *Copeia* 1977 (2): 400-403. 25 May 1977. SFA 22(3)

71-002059 Wilkins, N. P. and Jancsar, S. TEMPORAL VARIATIONS IN THE SKIN OF ATLANTIC SALMON /SALMO SALAR/ L. *J. Fish Biol.* 15(3):299-307. Sept. 1979. SFA 25(1)

71-002060 Willemse, J. J. GUIDE TO THE INTERNAL MORPHOLOGY OF THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ (L.) (PISCES, TELEOSTEI). *Aquaculture* 17 (2): 91-103. June 1979. SFA 24(4)

71-002061 Willemse, J. J. and De Ruiter, A. A QUANTITATIVE IDENTIFICATION OF FOUR TYPES OF FIBRES IN THE LATERAL MUSCULATURE OF IMMATURE EUROPEAN EEL, /ANGUILLA ANGUILLA/ (L.) (PISCES, TELEOSTEI). *Aquaculture* 17(2):105-111. June 1979. SFA 24(4)

71-002062 Williams, J. D. and Howell, W. M. AN ALBINO SCULPIN FROM A CAVE IN THE NEW RIVER DRAINAGE OF WEST VIRGINIA (PISCES: COTTIDAE). *Brimleyana* no. 1. p. 141-146. Mar. 1979. SFA 24(3)

71-002063 Williams, R. W. and Warner, M. C. SOME OBSERVATIONS ON THE STAINED BLOOD CELLULAR ELEMENTS OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish Biol.* 9(6):491-497. Dec. 1976. SFA 22(2)

71-002064 Winter, G. W.; C. B. Schreck and J. D. McIntyre. MERISTIC COMPARISON OF FOUR STOCKS OF STEELHEAD TROUT *(SALMO GAIRDNERI). Copeia* 1980(1):160-162. 1 Feb. 1980. SFA 25(2)

71-002065 Wisner, R. L. NEW DATA ON THE RARE ALEPOCEPHALID FISH /PHOTOSTYLUS PYCNOPTERUS/. *Bull. South. Calif. Acad. Sci.* 75 (2): 153-158. Aug. 1976. SFA 22(2)

71-002066 Wong, W. C. and Tan, C. K. FINE STRUCTURE OF THE MYENTERIC AND SUBMUCOUS PLEXUSES IN THE STOMACH OF A CORAL FISH, /CHELMON ROSTRATUS/ CUVIER. *J. Anat.* 126 (2): 291-301. June 1978. SFA 23(4)

71-002067 Woolcott, W. S. and Kirk, W. L. MELANISM IN /LEPISOSTEUS OSSEUS/ FROM THE JAMES RIVER, VIRGINIA. *Copeia.* 1976 (4): 815-817. 30 Dec. 1976. SFA 22(2)

71-002068 Wourms, J. P. and Hamlett, W. C. CELL SURFACES DURING DEVELOPMENT OF SHARK YOLK SAC PLACENTAE. *Am. Zool.* 18 (3): 642. 1978. Abstract only. SFA 24(2)

71-002069 Wright, C. W. and Coke, M. M. THE ARTIFICIAL PROPAGATION OF /BARBUS NATALENSIS/: 2: HATCHING AND EARLY DEVELOPMENT. *Lammergeyer* No. 22. p. 42-48. Oct. 1975. SFA 24(2)

71-002070 Wunder, W. NATÜRLICHE VERKRÜMMUNG (PHYSIOLOGISCHE KYPHOLORDOSE) DER WIRBELSÄULE BEI DER FISCHART BLAUFELCHEN (*COREGONUS WARTMANNI*) IM BODENSEE WÄHREND DER LAICHZEIT. [PHYSIOLOGICAL CURVATURE (KYPHOLORDOSIS) OF THE SPINE ON THE FISH SPECIES BLAUFELCHEN (*COREGONUS WARTMANNI*) IN THE LAKE BODENSEE DURING THE SPAWNING TIME.] *Zool. Anz.* 204(1/2):129-136. 1980. In German with English summ. SFA 25(4)

71-002071 Wunder, W. EIN BLAUFELCHEN (*COREGONUS WARTMANNI*) AUS DEM BODENSEE MIT SPITZBUCKEL UND EINEM GEBROCHENEN WIRBELKÖRPER. [A COREGONUS (BLAUFELCHEN OF THE LAKE BODENSEE) WITH A POINTED HUMPBACK AND A BROKEN VERTEBRA.] *Zool. Anz.* 204(3/4):186-190. 1980. In German with English summ. SFA 25(4)

71-002072 Wunder, W. EIN HECHT (/ESOX LUCIUS/ L.) MIT VOLLKOMMENEM BRUCH DER WIRBELSAEULE UND QUERSCHNITTSLAEHMUNG DES RUECKENMARKS. [A PIKE (/ESOX LUCIUS/ L.) WITH A TOTAL FRACTURE OF THE SPINE AND A SEVERING OF THE SPINAL CORD WITH RESULTING PARALYSIS.] *Arch. Hydrobiol.* 84 (2): 247-255. 1978. In German with English summ. SFA 24(2)

71-002073 Yacob, A. and Kunz, Y. W. 'DISK SHEDDING' IN THE CONE OUTER SEGMENTS OF THE TELEOST, /POECILIA RETICULATA/ P. *Cell Tissue Res.* 181 (4): 487-492. 1977. SFA 22(4)

71-002074 Yakovleva, A. S. and Shishmarev, V. M. A MORPHOLOGICAL DESCRIPTION OF THE TUGUN (/COREGONUS TUGUN/) OF THE MAN'YA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 983-986. 1974. SFA 21(2).

71-002075 Yakovleva, A. S.; Amstislavskii, A. Z. and Baymuratov, A. FEATURES OF THE RELATIVE GROWTH OF SOME INTERNAL ORGANS IN THE PERCH, /PERCA FLUVIATILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):419-426. 1976. SFA 22(4)

71-002076 Yamada, J. and Watabe, N. STUDIES ON FISH SCALE FORMATION AND RESORPTION. I. FINE STRUCTURE AND CALCIFICATION OF THE SCALES IN /FUNDULUS HETEROCLITUS/ (ATHERINIFORMES: CYPRINODONTIDAE). *J. Morphol.* 159 (1): 49-66. Jan. 1979. SFA 24(2)

71-002077 Yamaguchi, K.; Hashimoto, K. and Matsuura, F. IDENTITY OF BLUE PIGMENTS OBTAINED FROM DIFFERENT TISSUES OF THE SCULPIN, /PSEUDOBLENNIUS PERCOIDES/ GUNTHER. *Comp. Biochem. Physiol. B Comp. Biochem.* 55 (1): 85-87. 1976. SFA 22(1)

71-002078 Yamamoto, M. and Ueda, K. [COMPARATIVE MORPHOLOGY OF FISH OLFACTORY EPITHELIUM-I SALMONIFORMES.] *Bull. Jpn. Soc. Sci. Fish.* 43 (10): 1163-1174. Oct. 1977. SFA 23(2)

71-002079 Yamamoto, M. and Ueda, K. [COMPARATIVE MORPHOLOGY OF FISH OLFACTORY EPITHELIUM. III. CYPRINIFORMES.] *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1201-1206. Nov. 1978. SFA 24(2)

71-002080 Yamamoto, M. and Ueda, K. COMPARATIVE MORPHOLOGY OF FISH OLFACTORY EPITHELIUM--II. CLUPEIFORMES. *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 855-859. Aug. 1978. SFA 24(1)

71-002081 Yamamoto, M. and Ueda, K. COMPARATIVE MORPHOLOGY OF FISH OLFACTORY EPITHELIUM. V. GASTEROSTEIFORMES, CHANNIFORMES AND SYNBRANCHIFORMES. *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1309-1314. Dec. 1978. SFA 24(2)

71-002082 Yamamoto, M. and Iuchi, I. ELECTRON MICROSCOPIC STUDY OF ERYTHROCYTES IN DEVELOPING RAINBOW TROUT, /SALMO GAIRDNERII IRIDEUS/, WITH PARTICULAR REFERENCE TO CHANGES IN THE CELL LINE. *J. Exp. Zool.* 191 (3): 407-426. Mar. 1975. SFA 22(2)

71-002083 Yamamoto, M. COMPARATIVE MORPHOLOGY OF FISH OFACTORY EPITHELIUM. IV. ANGUILLIFORMES AND MYCTOPHIFORMES. *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1207-1212. Nov. 1978. SFA 24(2)

71-002084 Yefremenko, V. N. A DESCRIPTION OF THE LARVAE OF /NOTOLEPIS COATSI/ (PARALEPIDIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):500-504. 1978. SFA 25(1)

71-002085 Yefremenko, V. N. A DESCRIPTION OF THE LARVAE OF *BATHYLAGUS ANTARCTICUS* (BATHYLAGIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):156-160. 1979. SFA 25(3)

71-002086 Yefremenko, V. N. MORPHOLOGICAL CHARACTERISTICS OF PROTOMYCTOPHUM ANDERSSONI/ LARVAE (MYCTOPHIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 958-963. 1976. SFA 23(3)

71-002087 Yemel'yanova, N. G. ELECTRON-MICROSCOPIC STUDY OF THE EGG MEMBRANES AND OVARIAN FOLLICLE IN THE SILVER CARP, *HYPOPHTHALMICHTHYS MOLITRIX*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):95-105. 1979. SFA 25(4)

71-002088 Yoakim, E. G. HISTOLOGICAL STUDIES ON THE OVARY OF THE NILE CATFISH /SCHILBE MYSTUS/ (L.) WITH SPECIAL REFERENCE TO THE PROCESS OF OOGENESIS. *Libyan J. Sci.* 4B:15-22. 1975. SFA 22(3)

71-002089 Yoshizaki, K. and Tamura, T. THE FINE STRUCTURE OF THE SKIN OF POECILIID FISH, BLACK MOLLY. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1087-1092. Oct. 1978. SFA 24(2)

71-002090 Yoshizaki, K. and Tamura, T. ULTRASTRUCTURE OF THE SKIN OF MORMYRID FISH, WITH SPECIAL REFERENCE TO THE MELANOPHORES. *Bull. Jpn. Soc. Sci. Fish.* 45(3):305-311. Mar. 1979. SFA 24(4)

71-002091 Youson, J. H. and Connelly, K. L. DEVELOPMENT OF LONGITUDINAL MUCOSAL FOLDS IN THE INTESTINE OF THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L., DURING METAMORPHOSIS. *Can. J. Zool.* 56 (11): 2364-2371. Nov. 1978. In English with French summ. SFA 24(2)

71-002092 Youson, J. H. and Ooi, E. C. DEVELOPMENT OF THE RENAL CORPUSCLE DURING METAMORPHOSIS IN THE LAMPREY. *Am. J. Anat.* 155 (2): 201-222. June 1979. SFA 24(4)

71-002093 Zander, C. D. MORPHOLOGIE VON HAUTSTRUKTUREN IM KOPFBEREICH DER GRUNDEL /PARAGOBIODON ECHINOCEPHALUS/ (RUPPELL) (GOBIIDAE, PISCES). [MORPHOLOGY OF SKIN STRUCTURES IN THE HEAD REGION OF /PARAGOBIODON ECHINOCEPHALUS/ (RUPPELL) (GOBIIDAE, PISCES).] *Zool. Anz.* 202 (3-4): 226-234. 1979. In German with English summ. SFA 24(4)

71-002094 Zapata, A. SPLENIC ERYTHROPOIESIS AND THROMBOPOIESIS IN ELASMOBRANCHS: AN ULTRASTRUCTURAL STUDY. *Acta Zool. (Stockh.)* 61(1):59-64. 1980. SFA 25(2)

71-002095 Zeiske, E.; Melinkat, R. and Breucker, H. GROSS MORPHOLOGY AND FINE STRUCTURE OF THE OLFACTORY ORGAN OF RAINBOW FISH (ATHERINIFORMES, MELANOTAENIIDAE). *Acta Zool. (Stockh.)* 60(3):173-186. 1979. SFA 25(1)

71-002096 Ziuganov, V. V. [FACTORS DETERMINING MORPHOLOGICAL DIFFERENTIATION IN /GASTEROSTEUS ACULEATUS/ (PISCES, GASTEROSTEIDAE).] *Zool. Zh.* 62 (11): 1686-1694. Nov. 1978. In Russian with English summ. SFA 24(2)

71-002097 Zolotavina, L. A. and Mukhachev, I. S. THE REASON FOR THE FORMATION OF ADDITIONAL RINGS ON THE SCALES OF THE PELYAD, /COREGONUS PELED/, AND THE BROAD WHITEFISH, /COREGONUS NASUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 157-163. 1976. SFA 22(3)

71-002098 Zyznar, E. S. and Ali, M. A. AN INTERPRETATIVE STUDY OF THE ORGANIZATION OF THE VISUAL CELLS AND TAPETUM LUCIDUM OF /STIZOSTEDION/. *Can. J. Zool.* 53 (2): 180-196. Feb. 1975. In English with French summ. SFA 22(1)

71-002099 Zyznar, E. S.; Cross, F. B. and Nicol, J. A. C. URIC ACID IN THE TAPETUM LUCIDUM OF MOONEYES /HIODON/ (HIODONTIDAE TELEOSTEI). *Proc. R. Soc. Lond. B Biol. Sci.* 201 (1142): 1-6. 13 Apr. 1978. SFA 23(3)

PHYSIOLOGY

71-002100 Boëtius, I. and J. Boëtius. EXPERIMENTAL MATURATION OF FEMALE SILVER EELS, *ANGUILLA ANGUILLA*. ESTIMATES OF FECUNDITY AND ENERGY RESERVES FOR MIGRATION AND SPAWNING. *Dana* 1:1-28. 1980. SFA 25(4)

71-002101 Žorić, L. M. and V. Žorić. THE ROLE OF THE SECRETORY NEUROCYTES IN THE REGULATION OF SEXUAL FUNCTION IN THE FISH *ASPRO ZINDEL* L. *Gen. Comp. Endocrinol.* 40(3):356. Mar. 1980. Abstract only. SFA 25(2)

71-002102 Abe, H.; Shimizu, C. and Matsuura, F. NAD(P) HYDROLYZING ENZYMES IN SKIPJACK LIVER--IV. PURIFICATION AND PROPERTIES OF ALKALINE PHOSPHATASE. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 285-292. Mar. 1978. SFA 23(3)

71-002103 Abe, H.; Shimizu, C. and Matsuura, F. NAD(P) HYDROLYZING ENZYMES IN SKIPJACK LIVER--III. PURIFICATION AND PROPERTIES OF NUCLEOTIDE PYROPHOSPHATASE. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 279-284. Mar. 1978. SFA 23(3)

71-002104 Abe, H.; Shimizu, C. and Matsuura, F. NAD (P) HYDROLYZING ENZYMES IN SKIPJACK LIVER--II. PHYSICO-CHEMICAL AND ENZYMATIC PROPERTIES OF NAD (P) NUCLEOSIDASE. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 469-476. Apr. 1976. SFA 22(4)

71-002105 Abell, P. R. and Burton, D. T. COLD SHOCK: THE EFFECT OF RATE OF THERMAL DECREASE ON THE SURVIVAL OF JUVENILE ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/). *ASB (Assoc. Southeast. Biol.) Bull.* 23 (2): 39. Apr. 1976. SFA 21(4).

71-002106 Abell, P. R.; Burton, D. T. and Moore, C. J. TIME COURSE OF THERMAL ACCLIMATION IN ATLANTIC SILVERSIDE (/MENIDIA MENIDIA/) EXPOSED TO CYCLIC TEMPERATURES. *ASB (Assoc. Southeast. Biol.) Bull.* 24 (2): 34. 1977. SFA 22(4)

71-002107 Abraham, M.; E. Rehamim; H. Tibika and E. Golenser. THE BLOOD-TESTIS BARRIER IN TELEOSTS. *Gen. Comp. Endocrinol.* 40(3):318-319. Mar. 1980. Abstract only. SFA 25(2)

71-002108 Abrahamsson, T. PHENYLETHANOLAMINE-N-METHYL TRANSFERASE (PNMT) ACTIVITY AND CATECHOLAMINE STORAGE AND RELEASE FROM CHROMAFFIN TISSUE OF THE SPINY DOGFISH, /SQUALUS ACANTHIAS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):169-172. 1979. SFA 25(1)

71-002109 Abrahamsson, T.; S. Holmgren; S. Nilsson and K. Pettersson. ADRENERGIC AND CHOLINERGIC EFFECTS ON THE HEART, THE LUNG AND THE SPLEEN OF THE AFRICAN LUNGFISH, *PROTOPTERUS AETHIOPICUS*. *Acta Physiol. Scand.* 107:141-147. 1979. SFA 25(2)

71-002110 Abrahamsson, T.; S. Holmgren, S. Nilsson and K. Pettersson. ON THE CHROMAFFIN SYSTEM OF THE AFRICAN LUNGFISH, *PROTOPTERUS AETHIOPICUS*. *Acta Physiol. Scand.* 107(2):135-139. Oct. 1979. SFA 25(2)

71-002111 Abrahamsson, T.; A.-C. Jönsson and S. Nilsson. CATECHOLAMINE SYNTHESIS IN THE CHROMAFFIN TISSUE OF THE AFRICAN LUNGFISH, *PROTOPTERUS AETHIOPICUS*. *Acta Physiol. Scand.* 107(2):149-151. Oct. 1979. SFA 25(2)

71-002112 Abrahamsson, T. THE EFFECT OF SK&F 64139, AN INHIBITOR OF PHENYLETHANOLAMINE-*N*-METHYL TRANSFERASE (PNMT), ON ADRENALINE AND NORADRENALINE CONTENT IN SYMPATHETIC NEURONS OF THE COD, *GADUS MORHUA*. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 67(1):49-54. 1980. SFA 25(4)

71-002113 Abrahamsson, T. AXONAL TRANSPORT OF ADRENALINE, NORADRENALINE AND PHENYLETHANOLAMINE-N-METHYL TRANSFERASE (PNMT) IN SYMPATHETIC NEURONS OF THE COD, /GADUS MORHUA/. *Acta Physiol. Scand.* 105 (3): 316-325. Mar. 1979. SFA 24(3)

71-002114 Abramowitz, J. and Chavin, W. COMPARISON OF TYROSINASE ACTIVITY IN THE INTEGUMENT OF XANTHIC AND ALBINO GOLDFISH, /CARASSIUS AURATUS/ L. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (1): 81-85. 1978. SFA 23(3)

71-002115 Abramowitz, J.; Turner, W. A., Jr.; Chavin, W. and Taylor, J. D. TYROSINASE POSITIVE OCULOCUTANEOUS ALBINISM IN THE GOLDFISH, /CARASSIUS AURATUS/ L., AN ULTRASTRUCTURAL AND BIOCHEMICAL STUDY OF THE EYE. *Cell Tissue Res.* 182 (3): 409-419. 1977. SFA 23(1)

71-002116 Abramowitz, J.; Honn, K. V. and Chavin, W. EFFECT OF ENVIRONMENTAL TEMPERATURE UPON RATES AND DURATION OF HEMOLYSIS OF SQUALIFORM ERYTHROCYTES. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (2): 229-230. 1977. SFA 22(3)

71-002117 Adams, L. W. TRITIUM KINETICS IN A FRESHWATER MARSH ECOSYSTEM. *Ph. D dissertation, Ohio State Univ.* 138p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-002118 Adelman, I. R. INFLUENCE OF TEMPERATURE ON GROWTH PROMOTION AND BODY COMPOSITION OF CARP (/CYPRINUS CARPIO/) DUE TO BOVINE GROWTH HORMONE. *Trans. Am. Fish. Soc.* 107 (5): 747-750. Sept. 1978. SFA 24(1)

71-002119 Adelman, I. R. EFFECTS OF BOVINE GROWTH HORMONE ON GROWTH OF CARP (/CYPRINUS CARPIO/) AND THE INFLUENCES OF TEMPERATURE AND PHOTOPERIOD. *J. Fish. Res. Board Can.* 34 (4): 509-515. Apr. 1977. In English with French summ. SFA 22(3)

71-002120 Agius, C. THE ROLE OF MELANO-MACROPHAGE CENTRES IN IRON STORAGE IN NORMAL AND DISEASED FISH. *J. Fish Dis.* 2(4):337-343. July 1979. SFA 25(2)

71-002121 Ahokas, R. A. and Sorg, G. THE EFFECT OF SALINITY AND TEMPERATURE ON INTRACELLULAR OSMOREGULATION AND MUSCLE FREE AMINO ACIDS IN /FUNDULUS DIAPHANUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (1): 101-105. 1977. SFA 22(1)

71-002122 Aida, K.; Izumo, R. S.; Satoh, H. and Hibiya, T. [INDUCTION OF OVULATION IN PLAICE AND GOBY WITH SYNTHETIC LH-RELEASING HORMONE.] *Bull. Jpn. Soc. Sci. Fish.* 44(5):445-450. May 1978. In Japanese with English summ. SFA 23(4)

71-002123 Aida, K.; R. S. Nishioka and H. A. Bern. DEGRANULATION OF THE STANNIUS CORPUSCLES OF COHO SALMON (*ONCORHYNCHUS KISUTCH*) IN RESPONSE TO IONIC CHANGES *IN VITRO*. *Gen. Comp. Endocrinol.* 41(3):305-313. July 1980. SFA 25(4)

71-002124 Aida, K.; R. S. Nishioka and H. A. Bern. CHANGES IN THE CORPUSCLES OF STANNIUS OF COHO SALMON (*ONCORHYNCHUS KISUTCH*) DURING SMOLTIFICATION AND SEAWATER ADAPTATION. *Gen. Comp. Endocrinol.* 41(3):296-304. July 1980. SFA 25(4)

71-002125 Akoev, G. N.; Ilyinsky, O. B. and Zadan, P. M. PHYSIOLOGICAL PROPERTIES OF ELECTRORECEPTORS OF MARINE SKATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (2): 201-209. 1976. SFA 22(1)

71-002126 Akoev, G. N.; N. O. Volpe and G. G. Zhadan. ANALYSIS OF EFFECTS OF CHEMICAL AND THERMAL STIMULI ON THE AMPULLAE OF LORENZINI OF THE SKATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(2):193-201. 1980. SFA 25(2)

71-002127 Al-Daham, N. K. and Bhatti, M. N. SALINITY TOLERANCE OF /GAMBUSIA AFFINIS/ (BAIRD & GIRARD) AND /HETEROPNEUSTES FOSSILIS/ (BLOCH). *J. Fish Biol.* 11 (4): 309-313. Oct. 1977. SFA 23(1)

71-002128 Al-Habbib, O. A. M. and Al-Habbib, W. M. S. ACCLIMATION TO TEMPERATURE AND DEATH AT HIGH CHANGING LETHAL TEMPERATURES IN /CYPRINION MACROSTOMUS/ (HECKEL). *J. Therm. Biol.* 4(1):75-77. Jan. 1979. SFA 24(3)

71-002129 Al-Hamed, M. I. SALINITY TOLERANCE OF COMMON CARP (/CYPRINUS CARPIO/, L.). *Bull. Iraq Nat. Hist. Mus. (Univ. Baghdad)* 5 (1): 1-7. May 1971. In English with Arabic summ. SFA 22(3)

71-002130 Alabaster, J. S.; Shurben, D. G. and Mallett, M. J. THE SURVIVAL OF SMOLTS OF SALMON /SALMO SALAR/ L. AT LOW CONCENTRATIONS OF DISSOLVED OXYGEN. *J. Fish Biol.* 15(1):1-8. July 1979. SFA 25(1)

71-002131 Alcorn, S. R. TEMPERATURE TOLERANCES AND UPPER LETHAL LIMITS OF /SALMO APACHE/. *Trans. Am. Fish. Soc.* 105(2):294-295. Mar. 1976. SFA 21(2).

71-002132 Alderdice, D. F. and Velsen, F. P. J. RELATION BETWEEN TEMPERATURE AND INCUBATION TIME FOR EGGS OF CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/). *J. Fish. Res. Board Can.* 35(1):69-75. Jan. 1978. In English with French summ. SFA 23(2)

71-002133 Alderdice, D. F. SOME CONCEPTS AND DESCRIPTIONS OF PHYSIOLOGICAL TOLERANCE: RATE-TEMPERATURE CURVES OF POIKILOTHERMS AS TRANSECTS OF RESPONSE SURFACES. *J. Fish. Res. Board Can.* 33(2):299-307. Feb. 1976. In English with French summ. SFA 21(1).

71-002134 Alekseyeva, K. D. PROCEDURE FOR DETERMINATION OF ACTIVE METABOLISM IN THE RANDOM SWIMMING OF YOUNG FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):334-337. 1975. SFA 21(3).

71-002135 Alexander, J. B. and G. A. Ingram. A COMPARISON OF FIVE OF THE METHODS COMMONLY USED TO MEASURE PROTEIN CONCENTRATIONS IN FISH SERA. *J. Fish Biol.* 16(2):115-122. Feb. 1980. SFA 25(2)

71-002136 Alexander, J. B. PROTEIN CONCENTRATION IN THE SERUM OF THE ATLANTIC SALMON (/SALMO SALAR/) IN NORTH-WEST ENGLAND AND NORTHERN IRELAND. *J. Fish Biol.* 11 (6): 673-679. Dec. 1977. SFA 23(2)

71-002137 Alexander, N.; R. M. Laurs; M. McIntosh and S. R. Russell. HAEMATOLOGICAL CHARACTERISTICS OF ALBACORE, *THUNNUS ALALUNGA* (BONNATERRE), AND SKIPJACK, *KATSUWONUS PELAMIS* (LINNAEUS). *J. Fish Biol.* 16(4):383-395. Apr. 1980. SFA 25(3)

71-002138 Algranati, F. D. ROLE OF SEX ATTRACTANT PHEROMONE(S) ON SPAWNING AGGREGATION IN THE ZEBRAFISH, *BRACHYDANIO RERIO*: ITS ISOLATION AND PARTIAL PURIFICATION. *Ph.D. dissertation, N.Y. Univ.* 108p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5107. May 1980. SFA 25(3)

71-002139 Allen, D. M. MEASUREMENTS OF SERUM THYROXINE AND THE PROPORTIONS OF RHODOPSIN AND PORPHYROPSIN IN RAINBOW TROUT. *Can. J. Zool.* 55 (5): 836-842. May 1977. In English with French summ. SFA 22(3)

71-002140 Alluchon-Gerard, M.-J. ELECTRON MICROSCOPIC STUDY OF POST-THYROIDECTOMY CHANGES IN THE VENTRAL LOBE OF THE ADENOHYPOPHYSIS IN VERY YOUNG SPOTTED DOGFISH (/SCYLLIUM CANICULA/, CHONDRICHTHYES). *Gen. Comp. Endocrinol.* 36 (4): 585-597. Dec. 1978. In English with French summ. SFA 24(3)

71-002141 Amirkhanov, G. A. THE DYNAMICS OF FREE AMINO ACID CONTENT DURING THE EMBRYONIC DEVELOPMENT OF THE STURGEON, *ACIPENSER GULDENSTADTI*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):127-132. 1979. SFA 25(3)

71-002142 Amstislavskii, A. Z. DIURNAL RHYTHM OF MITOSES IN THE CORNEAL EPITHELIUM OF /PHOXINUS PERCNURUS/ UNDER NATURAL CONDITIONS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7(3):279-281. May-June 1976. SFA 22(3)

71-002143 Amthauer, R. and Krauskopf, M. STUDIES IN FISH LIVER PROTEIN SYNTHESIS--III. ACTIVITY OF CARP LIVER POLYRIBOSOMES IN AN HOMOLOGOUS CELL-FREE SYSTEM. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (3): 231-236. 1979. SFA 24(3)

71-002144 Anctil, M. ULTRASTRUCTURAL CORRELATES OF LUMINESCENCE IN /PORICHTHYS/ PHOTOPHORES. II. EFFECTS OF METABOLIC INHIBITORS. *Rev. Can. Biol.* 38(2):81-96. June 1979. SFA 25(1)

71-002145 Anctil, M. ULTRASTRUCTURAL CORRELATES OF LUMINESCENCE IN /PORICHTHYS/ PHOTOPHORES. I. EFFECTS OF SPINAL CORD STIMULATION AND EXOGENOUS NORADRENALINE. *Rev. Can. Biol.* 38(2):67-80. June 1979. SFA 25(1)

71-002146 Ando, M. CHLORIDE-DEPENDENT SODIUM AND WATER TRANSPORT IN THE SEAWATER EEL INTESTINE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 138(1):87-91. July 1980. SFA 25(4)

71-002147 Ando, M. INTESTINAL WATER TRANSPORT AND CHLORIDE PUMP IN RELATION TO SEA-WATER ADAPTATION OF THE EEL, /ANGUILLA JAPONICA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (1): 229-233. Sept. 1975. SFA 22(1)

71-002148 Ando, M.; Utida, S. and Nagahama, H. ACTIVE TRANSPORT OF CHLORIDE IN EEL INTESTINE WITH SPECIAL REFERENCE TO SEA WATER ADAPTATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (1): 27-32. May 1975. SFA 22(1)

71-002149 Arillo, A.; Doria, L. L.; Margiocco, C.; Mensi, P. and Melodia, F. EFFECTS OF ABRUPT CHANGE IN WATER QUALITY ON RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.). *Mem. Ist. Ital. Idrobiol. Dott. Marco de Marchi* 36:91-108. 1978. In English with Italian summ. SFA 25(1)

71-002150 Arillo, A.; Melodia, F. and Margiocco, C. THE GILL SIALIC ACID CONTENT AS AN INDEX OF ENVIRONMENTAL STRESS IN RAINBOW TROUT, /SALMO GAIRDNERI/, RICHARDSON. *J. Fish Biol.* 15(4):405-410. Oct. 1979. SFA 25(1)

71-002151 Armstrong, P. B. TIME-LAPSE CINEMICROGRAPHIC STUDIES OF CELL MOTILITY DURING MORPHOGENESIS OF THE EMBRYONIC YOLK SAC OF *FUNDULUS HETEROCLITUS* (PISCES: TELEOSTI). *J. Morphol.* 165(1):13-29. July 1980. SFA 25(4)

71-002152 Arrington, R. W. and Sellers, C. M., Jr. THE EFFECTS OF TEMPERATURE UPON SELECTED VENTILATORY PARAMETERS OF RAINBOW TROUT, (/SALMO GAIRDNERI/). *Va. J. Sci.* 27 (2): 42. 1976. Abstract only. SFA 21(4)

71-002153 Arunachalam, S. and Ravichandra Reddy, S. FOOD INTAKE, GROWTH, FOOD CONVERSION, AND BODY COMPOSITION OF CATFISH EXPOSED TO DIFFERENT SALINITIES. *Aquaculture* 16 (2): 163-171. Feb. 1979. SFA 24(3)

71-002154 Asahara, M.; Matsuno, S. and Matsumori, S. [CAROTENOID PIGMENTS OF RED TILEFISH.] *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 485-492. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-002155 Asai, H.; Takagi, H. and Tsunoda, S. SOME CHARACTERISTICS OF ERYTHROCYTE MEMBRANE AND ITS ATPASE FROM LAMPREY, /ENTOSPHENUS JAPONICUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 55 (1): 69-75. 1976. SFA 22(1)

71-002156 Asakawa, M. SIALIC ACID-CONTAINING GLYCOPROTEIN IN THE EXTERNAL MUCUS OF EEL, /ANGUILLA JAPONICA/ TEMMINCK ET SCHLEGEL--IV. ISOLATION AND SOME PROPERTIES OF THE CARBOHYDRATE MOIETY. *Bull. Jpn. Soc. Sci. Fish* 45 (5): 601-604. May 1979. SFA 24(4)

71-002157 Asakawa, M. SIALIC ACID-CONTAINING GLYCOPROTEIN IN THE EXTERNAL MUCUS OF EEL, /ANGUILLA JAPONICA/ TEMMINCK ET SCHLEGEL--III. ALKALINE-REDUCTIVE CLEAVAGE OF SIALIC ACID-CONTAINING GLYCOPROTEIN. *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 727-731. June 1977. SFA 22(4)

71-002158 Ash, R. HYDROLYTIC CAPACITY OF THE TROUT (*SALMO GAIRDNERI*) INTESTINAL MUCOSA WITH RESPECT TO THREE SPECIFIC DIPEPTIDES. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(1):173-176. 1980. SFA 25(2)

71-002159 Assem, H. VOLUME REGULATION OF MUSCLE CELLS IN THE EURYHALINE TELEOST, /TILAPIA MOSSAMBICA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(1):17-23. 1979. SFA 25(1)

71-002160 Assem, H. and Hanke, W. CONCENTRATIONS OF CARBOHYDRATES DURING OSMOTIC ADJUSTMENT OF THE EURYHALINE TELEOST, /TILAPIA MOSSAMBICA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(1):5-16. 1979. SFA 25(1)

71-002161 Assem, H. and W. Hanke. CORTISOL LEVEL AND CELL VOLUME REGULATION PROCESSES IN *TILAPIA MOSSAMBICA*. *Gen. Comp. Endocrinol.* 40(3):344. Mar. 1980. Abstract only. SFA 25(2)

71-002162 Atkins, D. L. and Fink, W. L. MORPHOLOGY AND HISTOCHEMISTRY OF THE CAUDAL GLAND OF /CORYNOPOMA RIISEI/ GILL. *J. Fish Biol.* 14 (5): 465-469. May 1979. SFA 24(4)

71-002163 Atkinson, E. and Judd, F. W. COMPARATIVE HEMATOLOGY OF /LEPOMIS MICROLOPHUS/ AND /CICHLASOMA CYANOGUTTATUM/. *Copeia* 1978 (2): 230-237. 5 May 1978. SFA 23(3)

71-002164 Atz, J. W. and Smith, C. L. HERMAPHRODITISM AND GONADAL TERATOMA-LIKE GROWTHS IN STURGEON (/ACIPENSER/). *Bull. South. Calif. Acad. Sci.* 75(2):119-126. Aug. 1976. SFA 22(2)

71-002165 Austreng, E. DIGESTIBILITY DETERMINATION IN FISH USING CHROMIC OXIDE MARKING AND ANALYSIS OF CONTENTS FROM DIFFERENT SEGMENTS OF THE GASTROINTESTINAL TRACT. *Aquaculture* 13 (3): 265-2729 Mar. 1978. SFA 23(3)

71-002166 Avni, A. A. and Soin, S. G. ADAPTIVE CHARACTERISTICS OF THE EMBRYOGENY OF /NOTHOBRANCHIUS GUENTHERI/ IN CONNECTION WITH EXISTENCE IN TEMPORARY TROPICAL HABITAT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (5): 735-746. 1974. SFA 21(2).

71-002167 Babiker, M. M. RESPIRATORY BEHAVIOUR, OXYGEN COMSUMPTION AND RELATIVE DEPENDENCE ON AERIAL RESPRIATION IN THE AFRICAN LUNGFISH (/PROTOPTERUS ANNECTENS/, OWEN) AND AN AIR-BREATHING TELEOST (/CLARIAS LAZERA/, C.). *Hydrobiologia* 65(2):177-187. 17 Aug. 1979. SFA 25(1)

71-002168 Babiker, M. M. and J. C. Rankin. DIURETIC AND ANTIDIURETIC ACTIONS OF AVT AND ISOTOCIN IN THE TELEOST FISH *CLARIAS LAZERA*. *Gen. Comp. Endocrinol.* 40(3):337. Mar. 1980. Abstract only. SFA 25(2)

71-002169 Babiker, M. M. and El Hakeem, O. H. CHANGES IN BLOOD CHARACTERISTICS AND CONSTITUENTS ASSOCIATED WITH AESTIVATION IN THE AFRICAN LUNGFISH /PROTOPTERUS ANNECTENS/ OWEN. *Zool. Anz.* 202 (1/2): 9-16. 1979. SFA 24(4)

71-002170 Babiker, M. M. and Rankin, J. C. FACTORS REGULATING THE FUNCTIONING OF THE /IN VITRO/ PERFUSED AGLOMERULAR KIDNEY OF THE ANGLERFISH, /LOPHIUS PISCATORIUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (4): 989-993. 1979. SFA 24(3)

71-002171 Babiker, M. M. and Rankin, J. C. RENAL AND VASCULAR EFFECTS OF NEUROHYPOPHYSIAL HORMONES IN THE AFRICAN LUNGFISH /PROTOPTERUS ANNECTENS/ (OWEN). *Gen. Comp. Endocrinol.* 37 (1): 26-34. Jan. 1979. SFA 24(3)

71-002172 Babiker, M. M.; Rankin, J. C. and Eido, G. RENAL CLEARANCE, TISSUE DISTRIBUTION AND BINDING BY PLASMA PROTEINS OF ^{51}CR EDTA IN /TILAPIA NILOTICA/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 63(1):71-74. 1979. SFA 24(3)

71-002173 Badcock, J. and R. A. Larcombe. THE SEQUENCE OF PHOTOPHORE DEVELOPMENT IN *XENODERMICHTHYS COPEI* (PISCES: ALEPOCEPHALIDAE). *J. Mar. Biol. Assoc. U.K.* 60(2):277-294. May 1980. SFA 25(3)

71-002174 Bagchi, M. M. and Ibrahim, K. H. A NOTE ON THE HAEMATOLOGICAL STUDY OF ROHU, /LABEO ROHITA/ (HAM.). *J. Inland Fish. Soc. India* 6: 93-94. Dec. 1974. SFA 24(3)

71-002175 Bailey, C. F. THE YOLK-PERIBLAST JUNCTION IN /FUNDULUS HETEROCLITUS/. *Proc. Ark. Acad. Sci.* 31: 19-20. 1977. SFA 23(3)

71-002176 Bailey, J. R. and Fenwick, J. C. THE EFFECT OF STANNIECTOMY AND PLASMA CALCIUM LEVELS ON BLOOD PRESSURE IN THE EEL, /ANGUILLA ROSTRATA/ LESUEUR. *Comp. Biochem. Physiol. A Comp. Physiol.* 51(3):693-697. July 1975. SFA 22(1)

71-002177 Bailey, J. R. and Fenwick, J. C. EFFECT OF ANGIOTENSION II AND CORPUSCLE OF STANNIUS EXTRACT ON TOTAL AND IONIC PLASMA CALCIUM LEVELS AND BLOOD PRESSURE IN INTACT EELS (/ANGUILLA ROSTRATA/ LESUEUR). *Can. J. Zool.* 53 (5): 630-633. May 1975. In English with French summ. SFA 22(1)

71-002178 Bailey, J. R. RENAL CONTROL OF RENIN SECRETION AND SOME ACTIONS OF THE ANGIOTENSINS IN THE KIDNEY OF THE TELEOST *SALMO GAIRDNERI*. *Ph.D. dissertation, Univ. British Columbia* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5166. May 1980. SFA 25(3)

71-002179 Baines, G. W. BLOOD PH EFFECTS IN EIGHT FISHES FROM THE TELEOSTEAN FAMILY SCORPAENIDAE. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (4): 833-843. Aug. 1975. SFA 22(1)

71-002180 Baker, B. I. and T. A. Rance. CIRCADIAN CHANGES IN PLASMA CORTISOL CONCENTRATIONS IN THE TROUT. *Gen. Comp. Endocrinol.* 40(3):344. Mar. 1980. Abstract only. SFA 25(2)

71-002181 Bakhteyeva, V. T. CATION CONCENTRATION IN THE BLOOD SERUM OF THE SOCKEYE, /ONCORHYNCHUS NERKA/, OF DIFFERENT INTRASPECIFIC GROUPS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 980-984. 1975. SFA 22(1)

71-002182 Balbontin, F.; Espinosa, X. and Pang, P. K. T. GONADAL MATURATION AND SERUM CALCIUM LEVELS IN TWO TELEOSTS, THE HAKE AND THE KILLIFISH. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (4): 617-621. 1978. SFA 24(1)

71-002183 Balestrieri, C.; Colonna, G.; Giovane, A.; Irace, G.; Servillo, L. and Tota, B. AMINO ACID COMPOSITION AND PHYSICO-CHEMICAL PROPERTIES OF BLUEFIN TUNA (/THUNNUS THYNNUS/) MYOGLOBIN. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (2): 195-199. 1978. SFA 23(4)

71-002184 Ballantyne, J. S. and George, J. C. THE EFFECTS OF LONG CHAIN FATTY ACIDS ON THE RESPIRATION OF LIVER MITOCHONDRIA OF COLD AND WARM ACCLIMATED RAT, PIGEON AND TROUT. *J. Therm. Biol.* 2 (4): 239-245. Dec. 1977. SFA 23(3)

71-002185 Ballintijn, C. M.; Beatty, D. D. and Saunders, R. L. EFFECTS OF PSEUDOBRANCHECTOMY ON VISUAL PIGMENT DENSITY AND OCULAR PO(2) IN ATLANTIC SALMON, /SALMO SALAR/. *J. Fish. Res. Board Can.* 34 (11): 2185-2192. Nov. 1977. In English with French summ. SFA 23(1)

71-002186 Bannister, J. V.; Anastasi, A. and Bannister, W. H. CYTOSOL SUPEROXIDE DISMUTASE FROM SWORDFISH (/XIPHIAS GLADIUS/ L.) LIVER. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (3): 235-238. 1977. SFA 22(3)

71-002187 Bao, I. Y. and Kallman, K. D. THE GENETIC AND ENDOCRINE CONTROL OF SEXUAL MATURATION IN HYBRIDS BETWEEN /XIPHOPHORUS HELLERI/ AND /X. MACULATUS/. *Am. Zool.* 18 (3): 669. 1978. Abstract only. SFA 24(2)

71-002188 Barahona-Fernandes, M. H. SOME EFFECTS OF LIGHT INTENSITY AND PHOTOPERIOD ON THE SEA BASS LARVAE (/DICENTRARCHUS LABRAX/ (L.)) REARED AT THE CENTRE OCEANOLOGIQUE DE BRETAGNE. *Aquaculture* 17(4):311-321. Aug. 1979. SFA 25(1)

71-002189 Barannikova, I. A.; Tsepelovan, P. G.; Vasil'yeva, Ye. V. and Trenkler, I. V. THE INTERRENAL GLAND IN THE LIFE CYCLE OF DIADROMOUS STURGEONS (FAMILY ACIPENSERIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):633-647. 1978. SFA 25(1)

71-002190 Barber, D. L. and Westermann, J. E. M. OCCURRENCE OF THE PERIODIC ACID-SCHIFF POSITIVE GRANULAR LEUCOCYTE (PAS-GL) IN SOME FISHES AND ITS SIGNIFICANCE. *J. Fish Biol.* 12 (1): 35-43. Jan. 1978. SFA 23(2)

71-002191 Barber, D. L. and Westermann, J. E. M. OBSERVATIONS ON DEVELOPMENT AND MORPHOLOGICAL EFFECTS OF HISTAMINE LIBERATOR 48/80 ON PAS-POSITIVE GRANULAR LEUKOCYTES AND HETEROPHILS OF /CATOSTOMUS COMMERSONI/. *J. Fish Biol.* 13 (5): 563-573. Nov. 1978. SFA 24(2)

71-002192 Barlow, G. W. ON THE SOCIOBIOLOGY OF SOME HERMAPHRODITIC SERRANID FISHES, THE HAMLETS, IN PUERTO RICO. *Mar. Biol.* 33(4):295-300. Dec. 1975. SFA 22(2)

71-002193 Baron, V. D. and Mikhailenko, N. A. /URANOSCOPUS SCABER/: A TRANSITIONAL FORM IN THE EVOLUTION OF ELECTRIC ORGANS IN FISH. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 229 (1-6): 290-293. July-Aug. 1976. SFA 22(3)

71-002194 Bartlett, G. R. WATER-SOLUBLE PHOSPHATES OF FISH RED CELLS. *Can. J. Zool.* 56 (4): 870-877. Apr. 1978. In English with French summ. SFA 23(3)

71-002195 Bartlett, G. R. PHOSPHATES IN RED CELLS OF TWO SOUTH AMERICAN OSTEOGLOSSIDS: /ARAPAIMA GIGAS/ AND /OSTEOGLOSSUM BICIRRHOSUM/. *Can. J. Zool.* 56 (4): 878-881. Apr. 1978. In English with French summ. SFA 23(3)

71-002196 Bartlett, G. R. PHOSPHATES IN RED CELLS OF TWO LUNGFISH: THE SOUTH AMERICAN, /LEPIDOSIREN PARADOXA/, AND THE AFRICAN, /PROTOPTERUS AETHIOPICUS/. *Can. J. Zool.* 56 (4): 882-886. Apr. 1978. In English with French summ. SFA 23(3)

71-002197 Bartlett, G. R. PHOSPHATE COMPOUNDS IN RED CELLS, LIVER AND SKELETAL MUSCLE OF THE AMERICAN EEL, /ANGUILLA ROSTRATA/. *Copeia* 1979 (2): 360-363. 18 May 1979. SFA 24(3)

71-002198 Bartlett, G. R. PHOSPHATE COMPOUNDS IN RED CELLS OF REPTILES, AMPHIBIANS AND FISH. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (3): 211-214. 1976. SFA 22(1)

71-002199 Barton, B. A.; R. E. Peter and C. R. Paulencu. PLASMA CORTISOL LEVELS OF FINGERLING RAINBOW TROUT (*SALMO GAIRDNERI*) AT REST, AND SUBJECTED TO HANDLING, CONFINEMENT, TRANSPORT, AND STOCKING. *Can. J. Fish. Aquatic Sci.* 37(5):805-811. May 1980. In English with French summ. SFA 25(3)

71-002200 Barton, M. SERUM OSMOREGULATION IN TWO SPECIES OF ESTUARINE BLENNIOID FISH, /ANOPLARCHUS PURPURESCENS/ AND /PHOLIS ORNATA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(2):305-307. 1979. SFA 25(1)

71-002201 Bashamohideen, M. and Kunnemann, M. DIE WIRKUNG VON UMWELTBELASTUNGEN BEI DEM FISCH /IDUS IDUS/ L. (CYPRINIDAE). II. DER EINFLUSS VON TEMPERATURAENDERUNGEN AUF ATP, ADP, AMP UND ENERGIELADUNG IN MUSKEL UND GEHIRN. [RESPONSES OF THE FISH /IDUS IDUS/ L. (CYPRINIDAE) TO ENVIRONMENTAL LOAD. II. ATP, ADP, AMP, AND ENERGY CHARGE IN MUSCLE AND BRAIN.] *Zool. Anz.* 202 (3-4): 163-171. 1979. In German with English summ. SFA 24(4)

71-002202 Bath, R. N. and F. B. Eddy. SALT AND WATER BALANCE IN RAINBOW TROUT (*SALMO GAIRDNERI*) RAPIDLY TRANSFERRED FROM FRESH WATER TO SEA WATER. *J. Exp. Biol.* 83:193-202. Dec. 1979. SFA 25(2)

71-002203 Bath, R. N. and F. B. Eddy. IONIC AND RESPIRATORY REGULATION IN RAINBOW TROUT DURING RAPID TRANSFER TO SEAWATER. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 134(4):351-357. Dec. 1979. SFA 25(2)

71-002204 Batten, T. F. C. and Ball, J. N. QUANTITATIVE ULTRASTRUCTURAL EVIDENCE OF ALTERATIONS IN PROLACTIN SECRETION RELATED TO EXTERNAL SALINITY IN A TELEOST FISH (/POECILIA LATIPINNA/). *Cell Tissue Res.* 185 (1): 129-145. 30 Nov. 1977. SFA 23(2)

71-002205 Batty, R. S. and C. S. Wardle. RESTORATION OF GLYCOGEN FROM LACTIC ACID IN THE ANAEROBIC SWIMMING MUSCLE OF PLAICE, *PLEURONECTES PLATESSA* L. *J. Fish Biol.* 15(5):509-519. Nov. 1979. SFA 25(2)

71-002206 Bauer, D. H. VERTICAL BANDING AND ASSOCIATED BEHAVIORAL RESPONSES EVOKED BY ELECTRICAL STIMULATION OF THE BRAIN IN ANESTHETIZED AND FREE-SWIMMING SUNFISHES, /LEPOMIS CYANELLUS/ AND /L. MACROCHIRUS/. *Ph.D. dissertation, Univ. N. Mex.* 96p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3094. Jan. 1979. SFA 24(2)

71-002207 Bauermeister, A. E. M.; Pirie, B. J. S. and Sargent, J. R. AN ELECTRON MICROSCOPIC STUDY OF LIPID ABSORPTION IN THE PYLORIC CAECA OF RAINBOW TROUT (/SALMO GAIRDNERII/) FED WAX ESTER-RICH ZOOPLANKTON. *Cell Tissue Res.* 200(3):475-486. 1 Sept. 1979. SFA 25(1)

71-002208 Bauswein, E. EFFECT OF CALCIUM ON THE DIFFERENTIATING OPERATION OF THE AMPULLARY ELECTRORECEPTOR IN /ICTALURUS NEBULOSUS/. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 121 (3): 381-394. 1977. SFA 23(2)

71-002209 Beamish, F. W. H.; Strachan, P. D. and Thomas, E. OSMOTIC AND IONIC PERFORMANCE OF THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (4): 435-443. 1978. SFA 23(4)

71-002210 Beamish, F. W. H.; Potter, I. C. and Thomas, E. PROXIMATE COMPOSITION OF THE ADULT ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/, IN RELATION TO FEEDING, MIGRATION AND REPRODUCTION. *J. Anim. Ecol.* 48 (1): 1-19. Feb. 1979. SFA 24(4)

71-002211 Beck, A. P. HYDROSTATIC PRESSURE EFFECTS ON EARLY DEVELOPMENTAL STAGES OF STRIPED BASS (/MORONE SAXATILIS/). *Ph.D. dissertation, N.Y. Univ.* 274p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):2028. Nov. 1979. 25(1)

71-002212 Becker, C. D.; Genoway, R. G. and Schneider, M. J. COMPARATIVE COLD RESISTANCE OF THREE COLUMBIA RIVER ORGANISMS. *Trans. Am. Fish. Soc.* 106 (2): 178-184. Mar. 1977. SFA 22(3)

71-002213 Beitz, B. E. SECRETION OF RECTAL GLAND FLUID BY THE ATLANTIC STINGRAY, /DASYATIS SABINA/. *Copeia* 1977 (3): 585-587. 25 Aug. 1977. SFA 22(4)

71-002214 Belaud, A.; Sebert, P.; Soulier, P. and Peyraud, C. RELATIVE ESTIMATION OF VENTILATORY FLOW RATE IN THE EEL (/ANGUILLA ANGUILLA/ L.). *Rev. Can. Biol.* 36 (2): 93-103. June 1977. In English with French summ. SFA 23(1)

71-002215 Belaud, A.; Trotter, Y. and Peyraud, C. CONTINUOUS EVALUATION OF P(A,O(2)) IN FISH: RECORDING AND DATA PROCESSING. *J. Exp. Biol.* 82:321-330. Oct. 1979. SFA 25(1)

71-002216 Belbenoit, P. ELECTRIC ORGAN DISCHARGE OF /TORPEDO/ (PISCES); BASIC PATTERN AND ONTOGENETIC CHANGES. *J. Physiol. (Paris)* 75:435-441. 1979. SFA 25(1)

71-002217 Belen'kii, M. A. CONTROL OF HYPOTHALAMIC FUNCTIONS OF ADENOHYPOPHYSIS IN LAMPREYS /LAMPETRA FLUVIATILIS/ L. (CYCLOSTOMATA). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 237 (1-6): 513-516. May 1978. SFA 23(4)

71-002218 Belghaug, R. and Doving, K. B. ODOUR THRESHOLD DETERMINED BY STUDIES OF THE INDUCED WAVES IN THE OLFACTORY BULB OF THE CHAR (/SALMO ALPINUS/ L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 57(3):327-330. 1977. SFA 22(3)

71-002219 Bell, C. C. CENTRAL NERVOUS SYSTEM PHYSIOLOGY OF ELECTRORECEPTION, A REVIEW. *J. Physiol. (Paris)* 75:361-379. 1979. SFA 25(1)

71-002220 Bell, M. V.; Kelly, K. F. and Sargent, J. R. SODIUM ORTHOVANADATE, A POWERFUL VASOCONSTRICTOR IN GILLS OF THE COMMON EEL, /ANGUILLA ANGUILLA/. *J. Mar. Biol. Assoc. U.K.* 59 (2): 429-435. May 1979. SFA 24(4)

71-002221 Belloc, F. and J.-L. Gallis. FRESH WATER ADAPTATION IN THE EURYHALINE TELEOST, *CHELON LABROSUS*--III. BIOCHEMICAL CHARACTERIZATION AND INCREASE IN THE ACID PHOSPHATASE ACTIVITY IN GILL. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(4):433-437. 1980. SFA 25(3)

71-002222 Belova, A. V. DYNAMICS OF ASEPTIC INFLAMMATION IN THE THYMUS OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 112-119. 1976. SFA 22(3)

71-002223 Beltz, J. R.; Johnson, J. E.; Cohen, D. L. and Pratt, F. B. AN ANNOTATED BIBLIOGRAPHY OF THE EFFECTS OF TEMPERATURE ON FISH WITH SPECIAL REFERENCE TO THE FRESHWATER AND ANADROMOUS SPECIES OF NEW ENGLAND. *Mass. Agric. Exp. Stn. Bull.* No. 605. 97p. July 1974. SFA 21(1).

71-002224 Benjamin, M. COMPARATIVE ULTRASTRUCTURAL STUDIES ON THE PROLACTIN CELLS IN THE PITUITARY OF NINE-SPINED STICKLEBACKS, /PUNGITIUS PUNGITIUS/ L., WITH AND WITHOUT ADENOHYPOPHYSEAL CYSTS. *Zoomorphologie* 93(2):125-135. 1979. SFA 25(1)

71-002225 Benjamin, M. A CORRELATION BETWEEN PITUITARY AND INTEGUMENTARY STRUCTURE IN THE NINE-SPINED STICKLEBACK, *PUNGITIUS PUNGITIUS* L. *Acta Zool. (Stockh.)* 61(2):105-109. 1980. SFA 25(3)

71-002226 Benjamin, M. and Williams, J. G. PITUITARY CYSTS IN THE NINE-SPINED STICKLEBACK, /PUNGITIUS PUNGITIUS/ L. II. LIGHT AND ELECTRON MICROSCOPY. *Acta Zool. (Stockh.)* 60(4):241-250. 1979. SFA 25(1)

71-002227 Benjamin, M. and Williams, J. G. PITUITARY CYSTS IN THE NINE-SPINED STICKLEBACK, /PUNGITIUS PUNGITIUS/ L. I. SEASONAL CHANGES AND SALINITY TRANSFER EXPERIMENTS. *Acta Zool. (Stockh.)* 60(4):233-240. 1979. SFA 25(1)

71-002228 Benjamin, M. CYTOLOGICAL CHANGES IN PROLACTIN, ACTH, AND GROWTH HORMONE CELLS OF THE PITUITARY GLAND OF /PUNGITIUS PUNGITIUS/ L. IN RESPONSE TO INCREASED ENVIRONMENTAL SALINITIES. *Gen. Comp. Endocrinol.* 36 (1): 48-58. Sept. 1978. SFA 24(2)

71-002229 Benjamin, M. THE RESPONSE OF PROLACTIN, ACTH, AND GROWTH HORMONE CELLS IN THE PTIUITARY GLAND OF THE THREE-SPINED STICKLEBACK, *GASTEROSTEUS ACULEATUS* L. FORM *LEIURUS*, TO INCREASED ENVIRONMENTAL SALINITIES. *Acta Zool. (Stockh.)* 61(1):1-7. 1980. SFA 25(2)

71-002230 Bennemann, R. THE INFLUENCE OF ACCLIMATION AND EXPERIMENTAL TEMPERATURE ON GLUTAMATE DEHYDROGENASE OF CARP RED LATERAL MUSCLE (/CYPRINUS CARPIO/ L.). *J. Therm. Biol.* 2 (4): 209-214. Dec. 1977. SFA 23(3)

71-002231 Bennett, M. V. L.; Spira, M. E. and Spray, D. C. PERMEABILITY OF GAP JUNCTIONS BETWEEN EMBRYONIC CELLS OF /FUNDULUS/: A REEVALUATION. *Dev. Biol.* 65 (1): 114-125. July 1978. SFA 23(4)

71-002232 Bentley, P. J.; Maetz, J. and Payan, P. A STUDY OF THE UNIDIRECTIONAL FLUXES OF NA AND CL ACROSS THE GILLS OF THE DOGFISH /SCYLIORHINUS CANICULA/ (CHONDRICHTHYES). *J. Exp. Biol.* 64 (3): 629-637. June 1976. SFA 22(1)

71-002233 Benz, G. W. PROGRESSIVE ONTOGENETIC CHANGES IN THE SOLUBLE NUCLEAR EYE LENS PROTEINS OF THE SANDBAR SHARK, *CHARCHARHINUS MILBERTI (VALENCIENNES) Comp. Biochem. Physiol. B. Comp. Biochem.* 67(1):191-193. 1980. SFA 25(4).

71-002234 Berge, J. A. THE PERCEPTION OF WEAK ELECTRIC A.C. CURRENTS BY THE EUROPEAN EEL, /ANGUILLA ANGUILLA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (4): 915-919. 1979. SFA 24(3)

71-002235 Berlin, W. H.; Brooke, L. T. and Stone, L. J. VERIFICATION OF A MODEL FOR PREDICTING THE EFFECT OF INCONSTANT TEMPERATURE ON EMBRYONIC DEVELOPMENT OF LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/). *U.S. Fish Wildl. Serv. Tech. Pap.* 92. 6p. 1977. SFA 22(4)

71-002236 Bern, H. A. and Kobayashi, H. CAUDAL NEUROSECRETORY SYSTEM OF FISHES--REPORT OF A MEETING. *Gen. Comp. Endocrinol.* 36 (2): 321-322. Oct. 1978. SFA 24(2)

71-002237 Bessonov, B. I.; Butsuk, S. V. and Fedorov, A. I. THE ELECTRICAL FIELD OF FISH SKIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 836-838. 1975. SFA 22(1)

71-002238 Beswick, E. A. SODIUM-POTASSIUM BALANCE IN THE BLACK MOLLY (/POECILIA LATIPINNA/). *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 225-233. 1978. SFA 23(4)

71-002239 Bettinger, T. L.; Thommes, M. M. and Spigarelli, S. A. RELATIVE ROLES OF CONDUCTION AND CONVECTION IN THE BODY TEMPERATURE CHANGE OF GIZZARD SHAD, /DOROSOMA CEPEDIANUM/. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (2): 275-279. 1977. SFA 22(3)

71-002240 Beulig, A.; Kramer, D. and Dalezman, J. THE EFFECTS OF GROUP SIZE ON STRESS IN ELASMOBRANCHS. *Am. Zool.* 18 (3): 668. 1978. Abstract only. SFA 24(2)

71-002241 Beumer, J. P. TEMPERATURE AND SALINITY TOLERANCE OF THE SPANGLED PERCH *THERAPON UNICOLOR* GUNTHER, 1859 AND THE EAST QUEENSLAND RAINBOWFISH *NEMATOCENTRIS SPLENDIDA* PETERS, 1866. *Proc. R. Soc. Queensl.* 90:85-91. 15 Feb. 1979. SFA 25(3)

71-002242 Bhan, S. and Mansuri, A. P. ADAPTATIONS TO OSMOTIC STRESS IN THE MARINE EURYHALINE TELEOST, /PERIOPHTHOLMUS DIPES/. CHANGES IN TISSUES SUCCINIC DEHYDROGENASE ENZYME LEVELS. *J. Anim. Morphol. Physiol.* 25(1/2):132-138. June-Dec. 1978. SFA 25(1)

71-002243 Bhatti, M. N. and Al-Daham, N. K. ANNUAL CYCLICAL CHANGES IN THE TESTICULAR ACTIVITY OF A FRESHWATER TELEOST, /BARBUS LUTEUS/ (HECKEL) FROM SHATT-AL-ARAB, IRAQ. *J. Fish Biol.* 13 (3): 321-326. Sept. 1978. SFA 24(1)

71-002244 Bieniarz, K. and Epler, P. PRELIMINARY RESULTS OF THE /IN VIVO/ STUDIES ON OVARIAN RESORPTION IN CARP (/CYPRINUS CARPIO/ L.). *J. Fish Biol.* 8 (6): 449-451. June 1976. SFA 22(1)

71-002245 Bieniarz, K.; Epler, P.; Thuy, L.-N. and Kogut, E. CHANGES IN THE OVARIES OF ADULT CARP. *Aquaculture* 17(1):45-68. May 1979. SFA 24(4)

71-002246 Bieniarz, K.; Epler, P.; Breton, B. and Thuy, L.-N. THE ANNUAL REPRODUCTION CYCLE IN ADULT CARP IN POLAND: OVARIAN STATE AND SERUM GONADOTROPIN LEVEL. *Ann. Biol. Anim. Biochim. Biophys.* 18(4):917-921. 1978. SFA 24(1)

71-002247 Bieniarz, K.; P. Epler; Luong-ngoc-Thuy and B. Breton. CHANGES IN BLOOD GONADOTROPIN LEVEL IN MATURE FEMALE CARP FOLLOWING HYPOPHYSIAL HOMOGENATE INJECTIONS. *Aquaculture* 20(1):65-69. May 1980. SFA 25(3)

71-002248 Billard, R. and Peter, R. E. GONADOTROPIN RELEASE AFTER IMPLANTATION OF ANTI-ESTROGENS IN THE PITUITARY AND HYPOTHALAMUS OF GOLDFISH, /CARASSIUS AURATUS/. *Gen. Comp. Endocrinol.* 32 (2): 213-220. June 1977. SFA 22(4)

71-002249 Billard, R. CHANGES IN STRUCTURE AND FERTILIZING ABILITY OF MARINE AND FRESHWATER FISH SPERMATOZOA DILUTED IN MEDIA OF VARIOUS SALINITIES. *Aquaculture* 14(3):187-198. July 1978. In English with French summ. SFA 23(4)

71-002250 Billard, R. TESTICULAR FEED BACK ON THE HYPOTHALAMO-PITUITARY AXIS IN RAINBOW TROUT (/SALMO GAIRDNERI/ R.). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 813-818. 1978. SFA 24(1)

71-002251 Billard, R. VARIATION DE LA QUALITE DES GAMETES A DIFFERENTS NEVEAUX DU TRACTUS GENITAL CHEZ LA TRUITE ARC-EN-CIEL. [VARIATION IN THE QUALITY OF SPERM AND OVA AT VARIOUS DISTANCES ALONG THE GENITAL TRACT OF THE RAINBOW TROUT.] *Ann. Hydrobiol.* 7 (2): 97-104. 1976. In French with English summ. SFA 22(3)

71-002252 Billard, R.; Dupont, J. and Barnabe, G. DIMINUTION DE LA MOTILITE ET DE LA DUREE DE CONSERVATION DU SPERME DE /DICENTRARCHUS LABRAX/ L. (POISSON, TELEOSTEEN) PENDANT LA PERIODE DE SPERMIATION. [FALL IN MOTILITY AND SURVIVAL TIME AT LOW TEMPERATURE OF SPERM OF /DICENTRARCHUS LABRAX/ L. (PISCES, TELEOSTEI) DURING THE SPAWNING SEASON.] *Aquaculture* 11 (4): 363-367. Aug. 1977. In French with English summ. SFA 23(1)

71-002253 Billard, R.; Richard, M. and Breton, B. STIMULATION OF GONADOTROPIN SECRETION AFTER CASTRATION IN RAINBOW TROUT. *Gen. Comp. Endocrinol.* 33 (1): 163-165. Sept. 1977. SFA 23(1)

71-002254 BIOLOGY OF THE CHLORIDE CELL: JEAN MAETZ MEMORIAL SYMPOSIUM. *Am. J. Physiol.* 238(3):R139-R276. Mar. 1980. SFA 25(2)

71-002255 Bird, D. J. and Potter, I. C. METAMORPHOSIS IN THE PAIRED SPECIES OF LAMPREYS, /LAMPETRA FLUVIATILIS/ (L.) AND /LAMPETRA PLANERI/ (BLOCH). 1. A DESCRIPTION OF THE TIMING AND STAGES. *Zool. J. Linn. Soc.* 65 (2): 127-143. Feb. 1979. SFA 24(3)

71-002256 Bird, D. J. and Potter, I. C. METAMORPHOSIS IN THE PAIRED SPECIES OF LAMPREYS, /LAMPETRA FLUVIATILIS/ (L.) AND /LAMPETRA PLANERI/ (BLOCH). 2. QUANTITATIVE DATA FOR BODY PROPORTIONS, WEIGHTS, LENGTHS AND SEX RATIOS. *Zool. J. Linn. Soc.* 65 (2): 145-160. Feb. 1979. SFA 24(3)

71-002257 Bird, D. J.; Lutz, P. L. and Potter, I. C. OXYGEN DISSOCIATION CURVES OF THE BLOOD OF LARVAL AND ADULT LAMPREYS (/LAMPETRA FLUVIATILIS/). *J. Exp. Biol.* 65 (2): 449-458. Oct. 1976. SFA 22(3)

71-002258 Bird, P. M. TISSUE REGENERATION IN THREE CARCHARNINID SHARKS ENCIRCLED BY EMBEDDED STRAPS. *Copeia* 1978 (2): 345-349. 5 May 1978. SFA 23(3)

71-002259 Bishop, D. G.; James, D. G. and Olley, J. LIPID COMPOSITION OF SLENDER TUNA (/ALLOTHUNNUS FALLAI/) AS RELATED TO LIPID COMPOSITION OF THEIR FEED (/NYCTIPHANES AUSTRALIS/). *J. Fish. Res. Board Can.* 33 (5): 1156-1161. May 1976. In English with French summ. SFA 21(2).

71-002260 Bittner, A. and S. Lang. SOME ASPECTS OF THE OSMOREGULATION OF AMAZONIAN FRESHWATER STRINGRAYS (*POTAMOTRYGON HYSTRIX*)--I. SERUM OSMOLALITY, SODIUM AND CHLORIDE CONTENT, WATER CONTENT, HEMATOCRIT AND UREA LEVEL. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(1):9-13. 1980. SFA 25(4)

71-002261 Black, E. and G. B. Cline. MARKER ENZYME ACTIVITIES OF CELL COMPONENTS OF GILL TISSUE OF THE STRIPED MULLET (*MUGIL CEPHALUS*) FOLLOWING FRACTIONATION AND PURIFICATION IN SUCROSE DENSITY GRADIENTS. *J. Ala. Acad. Sci.* 51(3):177. July 1980. Abstract only. SFA 25(4)

71-002262 Black, E.; R. L. Shoemaker and G. B. Cline. ION REGULATION BY THE GILL MEMBRANES OF THE STRIPED MULLET (*MUGIL CEPHALUS*) AS MEASURED BY PERFUSION STUDIES. *J. Ala. Acad. Sci.* 51(3):177-178. July 1980. Abstract only. SFA 25(4)

71-002263 Blake, R. W. THE ENERGETICS OF HOVERING IN THE MADARIN FISH (/SYNCHROPUS PICTURATUS/). *J. Exp. Biol.* 82:25-33. Oct. 1979. SFA 25(1)

71-002264 Blanchard, S. G. and Raftery, M. A. IDENTIFICATION OF THE POLYPEPTIDE CHAINS IN /TORPEDO CALIFORNICA/ ELECTROPLAX MEMBRANES THAT INTERACT WITH A LOCAL ANESTHETIC ANALOG. *Proc. Natl. Acad. Sci. USA* 76 (1): 81-85. Jan. 1979. SFA 24(2)

71-002265 Blaxter, J. H. S. and Hoss, D. E. THE EFFECT OF RAPID CHANGES OF HYDROSTATIC PRESSURE ON THE ATLANTIC HERRING /CLUPEA HARENGUS/ L. II. THE RESPONSE OF THE AUDITORY BULLA SYSTEM IN LARVAE AND JUVENILES. *J. Exp. Mar. Biol. Ecol.* 41(1):87-100. Oct. 1979. SFA 25(1)

71-002266 Blaxter, J. H. S.; Denton, E. J. and Gray, J. A. B. THE HERRING SWIMBLADDER AS A GAS RESERVOIR FOR THE ACOUSTICO-LATERALIS SYSTEM. *J. Mar Biol. Assoc. U.K.* 59(1):1-10. Feb. 1979. SFA 24(3)

71-002267 Blaxter, J. H. S. and Denton, E. J. FUNCTION OF THE SWIMBLADDER-INNER EAR-LATERAL LINE SYSTEM OF HERRING IN THE YOUNG STAGES. *J. Mar. Biol. Assoc. U. K.* 56 (2): 487-502. May 1976. SFA 22(3)

71-002268 Block, R. M. EFFECTS OF TEMPERATURE AND SALINITY ON THE OSMOTIC ADJUSTMENT IN THE EURYHALINE RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON AND THE STENOHALINE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ (RAFINESQUE). *Ph.D. dissertation, Univ. N. Dak.* 177p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. SFA 21(1).

71-002269 Bloom, H. D. A SEXUAL AGGREGATING PHEROMONE SYSTEM IN THE ZEBRAFISH, /BRACHYDANIO RERIO/, (HAMILTON-BUCHANAN). *Ph.D. dissertation, New York Univ.* 86 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-002270 Bloom, H. D. and Perlmutter, A. A SEXUAL AGGREGATING PHEROMONE SYSTEM IN THE ZEBRAFISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN). *J. Exp. Zool.* 199 (2): 215-226. Feb. 1977. SFA 22(3)

71-002271 Boeuf, G.; Lasserre, P. and Harache, Y. OSMOTIC ADAPTATION OF /ONCORHYNCHUS KISUTCH/ WALBAUM. II. PLASMA OSMOTIC AND IONIC VARIATIONS, AND GILL NA+ - K+ ATPASE ACTIVITY OF YEARLING COHO SALMON TRANSFERRED TO SEA WATER. *Aquaculture* 15(1):35-52. Sept. 1978. SFA 24(1)

71-002272 Boge, G.; Peres, G. and Rigal, A. A STUDY OF ENERGIZED TRANSPORT MECHANISMS OF GLYCINE ABSORPTION BY THE RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Comp. Biochem. Physiol. A Comp. Physiol.* 64(4):537-541. 1979. SFA 25(1)

71-002273 Boge, G.; Rigal, A. and Peres, G. A STUDY OF INTESTINAL ABSORPTION /IN VIVO/ AND /IN VITRO/ OF DIFFERENT CONCENTRATIONS OF GLYCINE BY THE RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON). *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (4): 831-836. 1979. SFA 24(3)

71-002274 Bolgova, O. M.; Sidorov, V. S.; Smirnov, Yu. A. and Sorvachev, K. F. THE FATTY ACID COMPOSITION OF THE CAVITY FAT OF JUVENILE SALMON, /SALMO SALAR/, UNDER NATURAL CONDITONS AND IN HATCHERY REARING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 918-923. 1977. SFA 24(1)

71-002275 Bolis, L. and Fange, R. LIPID COMPOSITION OF THE ERYTHROCYTE MEMBRANE OF SOME MARINE FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 345-348. 1979. SFA 24(3)

71-002276 Bolotova, T. T. DYNAMICS OF FATNESS IN THE LUDOGA WHITEFISH /COREGONUS LAVARETUS LUDOGA/ FROM LAKE LADOGA IN CONNECTION WITH MATURATION OF THE GONADS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 828-834. 1976. SFA 23(2)

71-002277 Bols, N. C. and Kasinsky, H. E. ON THE DIVERSITY OF SPERM HISTONES IN THE VERTEBRATES: II. A CYTOCHEMICAL STUDY OF THE BASIC PROTEIN TRANSITIONS DURING SPERMIOGENESIS IN THE CARTILAGINOUS FISH /HYDROLAGUS COLLIEI/. *J. Exp. Zool.* 198 (1): 109-114. Oct. 1976. SFA 22(3)

71-002278 Bols, N. C.; S. A. Boliska; J. B. Rainville and H. E. Kasinsky. NUCLEAR BASIC PROTEIN CHANGES DURING SPERMIOGENESIS IN THE LONGNOSE SKATE AND THE SPINY DOGFISH. *J. Exp. Zool.* 212(3):423-433. June 1980. SFA 25(4)

71-002279 Bondar, R. L. NEUROFIBRILLAR AND NEUROFILAMENTOUS CHANGES IN GOLDFISH (/CARASSIUS AURATUS/ L.) IN RELATION TO TEMPERATURE. *Ph.D. dissertation, Univ. Toronto (Canada).* 1974. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-002280 Bone, Q. MAUTHNER NEURONS IN ELASMOBRANCHS. *J. Mar. Biol. Assoc. U. K.* 57 (1): 253-259. Feb. 1977. SFA 22(3)

71-002281 Bone, Q.; Kiceniuk, J. and Jones, D. R. ON THE ROLE OF THE DIFFERENT FIBRE TYPES IN FISH MYOTOMES AT INTERMEDIATE SWIMMIMG SPEEDS. *NOAA Fish. Bull.* 76 (3): 691-699. July 1978. SFA 24(1)

71-002282 Bonin, J. D. TEMPERATURE TOLERANCE OF JUVENILE MUSKELLUNGE REARED UNDER HATCHERY CONDITIONS. *N.Y. Fish Game J.* 26(1):95-97. Jan. 1979. SFA 25(1)

71-002283 Bonin, J. D. and Spotila, J. R. TEMPERATURE TOLERANCE OF LARVAL MUSKELLUNGE (/ESOX MASQUINONGY/ MITCHILL) AND F(1) HYBRIDS REARED UNDER HATCHERY CONDITIONS. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (3): 245-248. 1978. SFA 23(3)

71-002284 Bonnin, J.-P. VARIATIONS SAISONNIERES DE LA TESTOSTERONE PLASMATIQUE CHEZ UN POISSON TELEOSTEEN, /GOBIUS NIGER/ L. [SEASONAL VARIATIONS OF PLASMA TESTOSTERONE IN A TELEOST FISH, /GOBIUS NIGER/ L.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 288 (6): 627-630. 12 Feb. 1979. In French with English summ. SFA 24(3)

71-002285 Boord, R. L. and Campbell, C. B. G. STRUCTURAL AND FUNCTIONAL ORGANIZATION OF THE LATERAL LINE SYSTEM OF SHARKS. *Am. Zool.* 17 (2): 431-441. 1977. SFA 22(4)

71-002286 Booth, J. H. THE EFFECTS OF OXYGEN SUPPLY, EPINENPHRINE, AND ACETYLCHOLINE ON THE DISTRIBUTION OF BLOOD FLOW IN TROUT GILLS. *J. Exp. Biol.* 83:31-39. Dec. 1979. SFA 25(2)

71-002287 Booth, J. H. THE DISTRIBUTION OF BLOOD FLOW IN THE GILLS OF FISH: APPLICATION OF A NEW TECHNIQUE TO RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Exp. Biol.* 73: 119-129. Apr. 1978. SFA 23(3)

71-002288 Borchard, B. STUDIES ON THE RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.). I. CORRELATION BETWEEN GONADAL DEVELOPMENT AND SERUM PROTEIN PATTERN. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1027-1034. 1978. SFA 24(1)

71-002289 Borg, B. and P. Ekström. GONADAL EFFECTS OF MELATONIN IN THE THREE-SPINED STICKLEBACK, *GASTEROSTEUS ACULEATUS*. *Gen. Comp. Endocrinol.* 40(3):366. Mar. 1980. Abstract only. SFA 25(2)

71-002290 Borgese, T. A. and Nagel, R. L. INOSITOL PENTAPHOSPHATE IN FISH RED BLOOD CELLS. *J. Exp. Zool.* 205 (1): 133-140. July 1978. SFA 23(4)

71-002291 Borgese, T. A.; Nagel, R. L.; Roth, E.; Murphy, D. and Harrington, H. GUANOSINE TRIPHOSPHATE (GTP): THE MAJOR ORGANIC PHOSPHATE IN THE ERYTHROCYTES OF THE ELASMOBRANCH /MUSTELUS CANIS/ (SMOOTH DOGFISH). *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (3): 317-321. 1978. SFA 23(4)

71-002292 Borjeson, H. EFFECTS OF HYPERCAPNIA ON THE BUFFER CAPACITY AND HAEMATOLOGICAL VALUES IN /SALMO SALAR/ (L.). *J. Fish Biol.* 11 (2): 133-142. Aug. 1977. SFA 23(1)

71-002293 Bornancin, M.; De Renzis, G. and Maetz, J. BRANCHIAL CL TRANSPORT, ANION-STIMULATED ATPASE AND ACID-BASE BALANCE IN /ANGUILLA ANGUILLA/ ADAPTED TO FRESHWATER: EFFECTS OF HYPEROXIA. *J. Comp. Physiol. B Metab. Transp. Funct.* 117 (3): 313-322. 1977. SFA 22(4)

71-002294 Borowsky, R. SOCIAL INHIBITION OF MATURATION IN NATURAL POPULATIONS OF /XIPHOPHORUS VARIATUS/ (PISCES: POECILIIDAE). *Science* 201 (4359): 933-935. 8 Sept. 1978. SFA 23(4)

71-002295 Borsook, D.; Woolf, C. J. and Vellet, A. D. TEMPERATURE ACCLIMATION AND LEARNING IN FISH. *Experientia (Basel)* 34(1):70-71. 15 Jan. 1978. SFA 23(2)

71-002296 Bose, K. C. and Ahmad, M. F. HISTOPHYSIOLOGICAL STUDIES ON THE FUNCTIONAL RENAL THYROIDE FOLLICLES IN THE FRESH WATER FISH /MYSTUS VITTATUS/. *J. Anim. Physiol. Anim. Nutr.* 40(3):155-158. June 1978. SFA 25(1)

71-002297 Bouche, G. and Castilla, C. EFFET DU JEUNE TOTAL ET PROLONGE SUR LES NUCLEOTIDES ACIDOSOLUBLES DU FOIE DE CARPE. [ACID SOLUBLE NUCLEOTIDES IN CARP LIVER (/CYPRINUS CARPIO/ L.): EFFECT OF PROLONGED TOTAL STARVATION.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 286 (16): 1199-1202. 24 Apr. 1978. In French with English summ. SFA 23(4)

71-002298 Bouck, G. R. and Johnson, D. A. MEDICATION INHIBITS TOLERANCE TO SEAWATER IN COHO SALMON SMOLTS. *Trans. Am. Fish. Soc.* 108 (1): 63-66. Jan. 1979. SFA 24(3)

71-002299 Bouck, G. R. and Smith, S. D. MORTALITY OF EXPERIMENTALLY DESCALED SMOLTS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) IN FRESH AND SALT WATER. *Trans. Am. Fish. Soc.* 108 (1): 67-69. Jan. 1979. SFA 24(3)

71-002300 Bouck, G. R. and Jacobson, J. ESTIMATION OF SALMONID SPERM CONCENTRATION BY MICROHEMATOCRIT TECHNIQUE. *Trans. Am. Fish. Soc.* 105 (4): 534-535. July 1976. SFA 21(4).

71-002301 Bouck, G. R. CONCENTRATIONS OF LEUCINE AMINONAPHTHYLAMIDASE (LAN) AND SOLUBLE PROTEIN IN TISSUES OF RAINBOW TROUT, *SALMO GAIRDNERI*. *Can. J. Fish. Aquatic Sci.* 37(1):116-120. Jan. 1980. In English with French summ. SFA 25(2)

71-002302 Bouck, G. R. HISTOCHEMISTRY OF LEUCINE AMINONAPHTHYLAMIDASE (LAN) IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Trans. Am. Fish. Soc.* 108 (1): 57-62. Jan. 1979. SFA 24(3)

71-002303 Bouck, G. R.; Cairns, M. A. and Christian, A. R. EFFECT OF CAPTURE STRESS ON PLASMA ENZYME ACTIVITIES IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35 (11): 1485-1488. Nov. 1978. In English with French summ. SFA 24(1)

71-002304 Boulekbache, H.; Roubaud, P.; Devillers, C. and Joly, C. LOCALISATION HISTOCHIMIQUE DE LA LACTICODESHYDROGENASE DANS L'EMBRYON DE LA TRUITE (/SALMO IRIDEUS/, GIBB), AU COURS DE L'ORGANOGENESE PRECOCE DE LA CORDE ET DU TUBE NEURAL. [THE HISTOCHEMICAL LOCALIZATION OF THE LACTATE DEHYDROGENASE IN THE TROUT EMBRYO (/SALMO IRIDEUS/, GIBB) DURING THE EARLY ORGANOGENESIS OF THE NOTOCHORD AND THE NEURAL TUBE.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284 (5): 381-384. 31 Jan. 1977. In French with English summ. SFA 22(3)

71-002305 Bouvet, J. CELL PROLIFERATION AND MORPHOGENESIS OF THE APICAL ECTODERMAL RIDGE IN THE PECTORAL FIN BUD OF THE TROUT EMBRYO (/SALMO TRUTTA FARIO/ L.). *Wilhelm Roux's Arch. Dev. Biol.* 185 (2): 137-154. 1978. In English with French summ. SFA 24(1)

71-002306 Bowen, S. H. A NUTRITIONAL CONSTRAINT IN DETRITIVORY BY FISHES: THE STUNTED POPULATION OF /SAROTHERODON MOSSAMBICUS/ IN LAKE SIBAYA, SOUTH AFRICA. *Ecol. Monogr.* 49 (1): 17-31. Mar. 1979. SFA 24(4)

71-002307 Boyd, T. A.; Cha, C.-J.; Forster, R. P. and Goldstein, L. FREE AMINO ACIDS IN TISSUES OF THE SKATE /RAJA ERINACEA/ AND THE STINGRAY /DASYATIS SABINA/: EFFECTS OF ENVIRONMENTAL DILUTION. *J. Exp. Zool.* 199 (3): 435-442. Mar. 1977. SFA 22(3)

71-002308 Braman, J. C.; Stalnaker, C. B.; Farley, T. M. and Klar, G. T. STARCH GEL ELECTROPHORESIS OF RAINBOW TROUT, SALMO GAIRDNERI/, AND CUTTHROAT TROUT, /SALMO CLARKII/, HEMOGLOBINS. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (4): 435-437. 1977. SFA 22(3)

71-002309 Breepoel, P. M.; F. Kreuzer and M. Hazevoet. STUDIES OF THE HEMOGLOBINS OF THE EEL (*ANGUILLA ANGUILLA* L.)--I. PROTON BINDING OF STRIPPED HEMOLYSATE; SEPARATION AND PROPERTIES OF TWO MAJOR COMPONENTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(1):69-75. 1980. SFA 25(2)

71-002310 Breton, B. and Billard, R. EFFECTS OF PHOTOPERIOD AND TEMPERATURE ON PLASMA GONADOTROPIN AND SPERMATOGENESIS IN THE RAINBOW TROUT /SALMO GAIRDNERII/ RICHARDSON. *Ann. Biol. Anim. Biochim. Biophys.* 17 (3A): 331-340. 1977. SFA 22(4)

71-002311 Breton, B.; Prunet, P. and Reinaud, P. SEXUAL DIFFERENCES IN SALMON GONADOTROPIN. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 759-765. 1978. SFA 24(1)

71-002312 Bretschneider, F.; Kroesbergen, G. and Beijnink, F. B. FUNCTIONING OF CATFISH ELECTRORECEPTORS: RELATION BETWEEN SKIN POTENTIAL AND RECEPTOR ACTIVITY. *J. Physiol. (Paris)* 75:343-347. 1979. SFA 25(1)

71-002313 Bretschneider, F.; R. C. Peters; P. H. Peele and A. Dorresteijn. FUNCTIONING OF CATFISH ELECTRORECEPTORS: STATISTICAL DISTRIBUTION OF SENSITIVITY AND FLUCTUATIONS OF SPONTANEOUS ACTIVITY. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 137(3):273-279. 1980. SFA 25(3)

71-002314 Brett, J. R. and Blackburn, J. M. METABOLIC RATE AND ENERGY EXPENDITURE OF THE SPINY DOGFISH, /SQUALUS ACANTHIAS/. *J. Fish. Res. Board Can.* 35 (6): 816-821. June 1978. In English with French summ. SFA 23(3)

71-002315 Brewer, G. D. THERMAL TOLERANCE AND RESISTANCE OF THE NORTHERN ANCHOVY, /ENGRAULIS MORDAX/. *NOAA Fish. Bull.* 74(2):433-445. Apr. 1976. SFA 21(2).

71-002316 Brewer, K. J. and McKeown, B. A. EFFECTS OF ERGOCRYPTINE, PROLACTIN, AND GROWTH HORMONE ON SURVIVAL AND ION REGULATION IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Can. J. Zool.* 56 (11): 2394-2401. Nov. 1978. In English with French summ. SFA 24(2)

71-002317 Bridges, D. W.; Cech, J. J., Jr. and Pedro, D. N. SEASONAL HEMATOLOGICAL CHANGES IN WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/ *Trans. Am. Fish. Soc.* 105 (5): 596-600. Sept. 1976. SFA 21(4).

71-002318 Brill, R. W. THE THERMAL PHYSIOLOGY OF TUNA. *Ph.D. dissertation, Univ. Hawaii* 230p. 1979. Oct. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(4):1549. SFA 25(1)

71-002319 Brill, R. W. and A. E. Dizon. RED AND WHITE MUSCLE FIBRE ACTIVITY IN SWIMMING SKIPJACK TUNA, *KATSUWONUS PELAMIS* (L.). *J. Fish Biol.* 15(6):679-685. Dec. 1979. SFA 25(2)

71-002320 Brill, R. W. THE EFFECT OF BODY SIZE ON THE STANDARD METABOLIC RATE OF SKIPJACK TUNA, /KATSUWONUS PELAMIS/. *NOAA Fish. Bull.* 77(2):494-498. Apr. 1979. SFA 25(1)

71-002321 Brooke, L. T. and P. J. Colby. DEVELOPMENT AND SURVIVAL OF EMBRYOS OF LAKE HERRING AT DIFFERENT CONSTANT OXYGEN CONCENTRATIONS AND TEMPERATURES. *Prog. Fish-Cult.* 42(1):3-9. Jan. 1980. SFA 25(2)

71-002322 Broughton, N. M. and Goldspink, G. BIOCHEMICAL CHANGES IN THE LATERAL MUSCLES OF ROACH, /RUTILUS RUTILUS/ FROM TWO HABITATS FOLLOWING EXERCISE. *J. Fish Biol.* 13 (5): 613-618. Nov. 1978. SFA 24(2)

71-002323 Broun, G. R.; O. B. Il'inskii; V. M. Muraveiko; P. A. Morozov; V. P. Fomenko; and G. A. Fonarev. PERCEPTION OF ELECTRIC FIELDS OF SEA WAVES BY ELECTRORECEPTORS OF THE AMPULLAE OF LORENZINI. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 248(1-6):1144-1145. Mar. 1980. SFA 25(3)

71-002324 Brown, C. SEASONAL VARIATION IN INTERRENAL NUCLEAR DIAMETER IN THE YELLOW PERCH. *Am. Zool.* 18 (3): 652. 1978. Abstract only. SFA 24(2)

71-002325 Brown, S. and Eales, J. G. MEASUREMENT OF L-THYROXINE AND 3,5,3'-TRIIODO-L-THYRONINE LEVELS IN FISH PLASMA BY RADIOIMMUNOASSAY. *Can. J. Zool.* 55(2):293-299. Feb. 1977. In English with French summ. SFA 22(4)

71-002326 Brown, S.; Fedoruk, K. and Eales, J. G. PHYSICAL INJURY DUE TO INJECTION OR BLOOD REMOVAL CAUSES TRANSITORY ELEVATIONS OF PLASMA THYROXINE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Can. J. Zool.* 56 (9): 1998-2003. Sept. 1978. In English with French summ. SFA 24(1)

71-002327 Browning, J. UREA LEVELS IN PLASMA AND ERYTHROCYTES OF THE SOUTHERN FIDDLER SKATE, /TRYGONORHINA FASCIATA GUANERIUS/. *J. Exp. Zool.* 203 (2): 325-330. Feb. 1978. SFA 23(2)

71-002328 Bruce, R. W. PROTOGYNOUS HERMAPHRODITISM IN TWO MARINE ANGELFISHES. *Copeia* 1980(2):353-355. 1 May 1980. SFA 25(3)

71-002329 Brulez, W. DIE WIRKUNG VON UMWELTBELASTUNGEN BEI DEM FISCH HITZERESISTENZ DES ENZYMS KATALASE NACH /IDUS IDUS/ L. (CYPRINIDAE). III. AKTIVITAET UND SCHNELLEN AND LANGSAMEN TEMPERATUREAENDERUNGEN. [RESPONSES OF THE FISH /IDUS IDUS/ L. (CYPRINIDAE) TO ENVIRONMENTAL LOAD. III. EFFECTS OF FAST AND SLOW TEMPERATURE-CHANGES ON ACTIVITY AND HEAT-RESISTANCE OF THE ENZYME CATALASE.] *Zool. Anz.* 203(1/2):12-22. 1979. In German with English summ. SFA 25(1)

71-002330 Brungs, W. A. and Jones, B. R. TEMPERATURE CRITERIA FOR FRESHWATER FISH: PROTOCOL AND PROCEDURES. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-061. vi + 130p. May 1977. SFA 23(2)

71-002331 Bubien, J. K. and Meade, T. L. RELATIONSHIP OF ENVIRONMENTAL PCO(2) TO SELECTED BLOOD PARAMETERS OF /ONCORHYNCHUS KISUTCH/ (WALBAUM). *J. Fish Biol.* 15(3):343-347. Sept. 1979. SFA 25(1)

71-002332 Buckley, L. J. CHANGES IN RIBONUCLEIC ACID, DEOXYRIBONUCLEIC ACID, AND PROTEIN CONTENT DURING ONTOGENESIS IN WINTER FLOUNDER, *PSEUDOPLEURONECTES AMERICANUS*, AND EFFECT OF STARVATION. *NOAA Fish. Bull.* 77(3):703-708. July 1979. SFA 25(2)

71-002333 Buckley, L. J. RELATIONSHIPS BETWEEN RNA-DNA RATIO, PREY DENSITY, AND GROWTH RATE IN ATLANTIC COD (/GADUS MORHUA/) LARVAE. *J. Fish. Res. Board Can.* 36(12):1497-1502. Dec. 1979. In English with French summ. SFA 25(1)

71-002334 Buddington, R. K. DIGESTION OF AN AQUATIC MACROPHYTE BY /TILAPIA ZILLII/ (GERVAIS). *J. Fish Biol.* 15(4):449-455. Oct. 1979. SFA 25(1)

71-002335 Bulak, J. S. and R. C. Heidinger. DEVELOPMENTAL ANATOMY AND INFLATION OF THE GAS BLADDER IN STRIPED BASS, *MORONE SAXATILIS*. *NOAA Fish. Bull.* 77(4):1000-1003. 1980. SFA 25(4)

71-002336 Bulakov, A. B.; Ye. B. Moiseyeva and A. P. Zolotnitskiy. PHYSIOLOGICAL-BIOCHEMICAL CHARACTERIZATION OF THE PITUITARY GLAND OF THE BLACK SEA TURBOT, *SCOPHTHALMUS MAEOTICUS MAEOTICUS*, IN CONNECTION WITH THE QUESTION OF THE NUMBER OF GONADOTROPINS IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):111-120. 1979. SFA 25(4)

71-002337 Bullock, A. M.; Marks, R. and Roberts, R. J. THE CELL KINETICS OF TELOST FISH EPIDERMIS: EPIDERMAL MITOTIC ACTIVITY IN RELATION TO WOUND HEALING AT VARYING TEMPERATURES IN PLAICE (/PLEURONECTES PLATESSA/). *J. Zool. (Lond.)* 185 (2): 197-204. June 1978. SFA 23(4)

71-002338 Bullock, A. M.; Marks, R. and Roberts, R. J. THE CELL KINETICS OF TELEOST FISH EPIDERMIS: MITOTIC ACTIVITY OF THE NORMAL EPIDERMIS AT VARYING TEMPERATURES IN PLAICE (/PLEURONECTES PLATESSA/). *J. Zool. (Lond.)* 184 (3): 423-428. Mar. 1978. SFA 23(3)

71-002339 Bullock, T. H. WHAT IS THE INTEREST FOR GENERAL NEUROPHYSIOLOGY OF ELECTRORECEPTION IN CERTAIN FISHES? *J. Physiol. (Paris)* 75:315-317. 1979. SFA 25(1)

71-002340 Bullock, T. H. PROCESSING OF AMPULLARY INPUT IN THE BRAIN: COMPARISON OF SENSITIVITY AND EVOKED RESPONSES AMONG ELASMOBRANCH AND SILURIFORM FISHES. *J. Physiol. (Paris)* 75:397-407. 1979. SFA 25(1)

71-002341 Bullock, T. H. WHAT IS THE INTEREST FOR GENERAL NEUROPHYSIOLOGY OF ELECTRORECEPTION IN CERTAIN FISHES? *J. Physiol. (Paris)* 75:315-317. 1979. SFA 25(2)

71-002342 Bulow, F. J.; Coburn, C. B. and Wolters, W. R. USE OF LIVER WEIGHT AS AN INDEX TO FISH CONDITION. *J. Tenn. Acad. Sci.* 53 (2): 75. Apr. 1978. Abstract only. SFA 23(3)

71-002343 Bulow, F. J.; Couburn, C. B., Jr. and Cobb, C. S. COMPARISONS OF TWO BLUEGILL POPULATIONS BY MEANS OF THE RNA-DNA RATIO AND LIVER-SOMATIC INDEX. *Trans. Am. Fish. Soc.* 107 (6): 799-803. Nov. 1978. SFA 24(2)

71-002344 Bun Ng, T. and Idler, D. R. A VITELLOGENIC HORMONE WITH A LARGE AND A SMALL FORM FROM SALMON PITUITARIES. *Gen. Comp. Endocrinol.* 35 (2): 189-195. June 1978. SFA 23(4)

71-002345 Burggren, W. W. BIOMODAL GAS EXCHANGE DURING VARIATION IN ENVIRONMENTAL OXYGEN AND CARBON DIOXIDE IN THE AIR BREATHING FISH /TRICHOGASTER TRICHOPTERUS/. *J. Exp. Biol.* 82:197-213. Oct. 1979. SFA 25(1)

71-002346 Burlakov, A. B. THE INFLUENCE OF PITUITARY INJECTIONS ON THE ACTIVITY AND ISOENZYME COMPOSITION OF MALATE DEHYDROGENASE IN SOME TISSUES OF THE FEMALE SILVER CARP, *HYPOPHTHALMICHTHYS MOLITRIX*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):987-994. 1978. SFA 25(2)

71-002347 Burlakov, A. B. and Gureyeva-Preobrazhenskaya, Ye. V. DYNAMICS OF GONADOTROPIN CONTENT IN THE PITUITARY GLAND OF FEMALE SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/, AT DIFFERENT STAGES OF GONAD MATURITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 808-812. 1978. SFA 24(1)

71-002348 Burlakov, A. B. ON THE QUANTITY OF GONADOTROPIC HORMONES IN THE HYPOPHYSIS OF THE CARP, /CYPRINUS CARPIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 635-644. 1975. SFA 21(3).

71-002349 Burns, J. R. THE REPRODUCTIVE CYCLE AND ITS ENVIRONMENTAL CONTROL IN THE PUMPKINSEED, /LEPOMIS GIBBOSUS/ (PISCES: CENTRARCHIDAE). *Copeia* 1976 (3): 449-455. Aug. 1976. SFA 21(3).

71-002350 Burns, T. A. and Lantz, K. PHYSIOLOGICAL EFFECTS OF ELECTROFISHING ON LARGEMOUTH BASS. *Prog. Fish-Cult.* 40 (4): 148-150. Oct. 1978. SFA 24(2)

71-002351 Burnside, D. F. UPPER LETHAL TEMPERATURE OF TWO SPECIES OF /FUNDULUS/ AS A FUNCTION OF ACCLIMATION TEMPERATURE. *J. Elisha Mitchell Sci. Soc.* 93 (2): 100-101. 1977. Abstract only. SFA 23(4)

71-002352 Burton, C. B. and Murray, S. A. EFFECTS OF DENSITY ON GOLDFISH BLOOD--I HEMATOLOGY. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (3): 555-558. 1979. SFA 24(3)

71-002353 Burton, D. DIFFERENTIAL CHROMATIC ACTIVITY OF MELANOPHORES IN INTEGUMENTARY PATTERNS OF WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/ WALBAUM). *Can. J. Zool.* 57 (3): 650-657. Mar. 1979. In English with French summ. SFA 24(3)

71-002354 Burton, D. T. and A. G. Heath. AMBIENT OXYGEN TENSION (P_{O_2}) AND TRANSITION TO ANAEROBIC METABOLISM IN THREE SPECIES OF FRESHWATER FISH. *Can. J. Fish. Aquatic Sci.* 37(8):1216-1224. Aug. 1980. In English with French summ. SFA 25(4)

71-002355 Burton, D. T. VENTILATION FREQUENCY COMPENSATION RESPONSES OF THREE EURYTHERMAL ESTUARINE FISH EXPOSED TO MODERATE TEMPERATURE INCREASES. *J. Fish Biol.* 15(5):589-600. Nov. 1979. SFA 25(2)

71-002356 Burton, D. T.; P. R. Abell and T. P. Capizzi. COLD SHOCK: EFFECT OF RATE OF THERMAL DECREASE ON ATLANTIC MENHADEN. *Mar. Pollut. Bull.* 10(12):347-349. Dec. 1979. SFA 25(2)

71-002357 Burton, D. T.; Moore, C. J.; Vansant, L. L. and Dayton, J. M. LETHAL LIMITS OF SHEEPSHEAD MINNOW EGGS (/CYPRINODON VARIEGATUS/) EXPOSED TO VARIOUS RATES OF THERMAL ELEVATION. *ASB (Assoc. Southeast. Biol.) Bull.* 22 (2): 44. Apr. 1976. SFA 21(4).

71-002358 Burzawa-Gerard, E. and S. Dufour. CARP GONADOTROPIN α AND β SUBUNITS: THE SPECIFICITY OF THEIR ANTIGENIC DETERMINANTS. *Gen. Comp. Endocrinol.* 40(3):337-338. Mar. 1980. Abstract only. SFA 25(2)

71-002359 Burzawa-Gerard, E. and Kerdelhue, B. ETUDE PAR RADIOIMMUNOLOGIE DES PROPRIETES DES IMMUNSERUMS DE L'HORMONE GONADOTROPE DE LA CARPE (/CYPRINUS CARPIO/) ET DE SES SOUS-UNITES. [RADIOIMMUNOLOGICAL PROPERTIES OF ANTISERA FROM CARP GONADOTROPIN (C-GTH) AND ITS SUBUNITS.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 773-780. 1978. In French with English summ. SFA 24(1)

71-002360 Busacker, G. P. and Chavin, W. SUBCUTANEOUS INJECTION OF SMALL FISH: RADIONUCLIDE RELEASE FROM THE INJECTION SITE. *Can. J. Zool.* 57 (3): 696-698. Mar. 1979. In English with French summ. SFA 24(3)

71-002361 Buss, D. and Warner, E. D. SEASONAL ULTRASTRUCTURAL VARIATIONS IN THE ROSTRAL NEUROHYPOPHYSIS OF THE ALEWIFE IN LAKE MICHIGAN. *Proc. Conf. Great Lakes Res.* 15: 35-44. 1972. SFA 22(4)

71-002362 Bussjaeger, C. and Briggs, T. PHYLOGENETIC IMPLICATIONS OF BILE SALTS IN SOME CATOSTOMID FISHES. *Copeia* 1978(3):533-535. 10 Aug. 1978. SFA 23(4)

71-002363 Butler, P. J. and Taylor, E. W. THE EFFECT OF PROGRESSIVE HYPOXIA ON RESPIRATION IN THE DOGFISH (/SCYLIORHINUS CANICULA/) AT DIFFERENT SEASONAL TEMPERATURES. *J. Exp. Biol.* 63 (1): 117-130. Aug. 1975. SFA 22(2)

71-002364 Butler, P. J.; Taylor, E. W. and Davison, W. THE EFFECT OF LONG TERM, MODERATE HYPOXIA ON ACID-BASE BALANCE, PLASMA CATECHOLAMINES AND POSSIBLE ANAEROBIC END PRODUCTS IN THE UNRESTRAINED DOGFISH /SCYLIORHINUS CANICULA/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 132(4):297-303. 1979. SFA 25(1)

71-002365 Butler, P. J.; Taylor, E. W. and Short, S. THE EFFECT OF SECTIONING CRANIAL NERVES V, VII, IX AND X ON THE CARDIAC RESPONSE OF THE DOGFISH /SCYLIORHINUS CANICULA/ TO ENVIRONMENTAL HYPOXIA. *J. Exp. Biol.* 69: 233-245. Aug. 1977. SFA 23(1)

71-002366 Butler, P. J.; Taylor, E. W.; Capra, M. F. and Davison, W. THE EFFECT OF HYPOXIA ON THE LEVELS OF CIRCULATING CATECHOLAMINES IN THE DOGFISH /SCYLIORHINUS CANICULA/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 127 (4): 325-330. 1978. SFA 24(2)

71-002367 Butskaya, N. A. ON THE LARGE-SCALE INTERSEXUALITY OF THE RUFFE /ACERINA CERNUA/ OF THE EASTERN PART OF THE GULF OF FINLAND. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 737-745. 1976. SFA 23(2)

71-002368 Buyanov, N. I. and Antonenko, T. M. CESIUM-137 CONCENTRATION HYDROBIONTS, WATER AND SUBSTRATE OF BODIES OF WATER WITH A DIFFERENT MINERAL COMPOSITION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 159-163. 1975. SFA 21(2).

71-002369 Buzinova, N. S. DYNAMICS OF ACTIVITY OF DIGESTIVE ENZYMES IN FISH UNDER THE INFLUENCE OF POLLUTANTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 805-808. 1978. SFA 24(1)

71-002370 Bye, V. J.; B. Breton and R. Billard. IMMUNOLOGICAL CROSS-REACTION BETWEEN PITUITARY GONADOTROPIN FROM NORTH ATLANTIC FISH. *Gen. Comp. Endocrinol.* 41(1):130-134. May 1980. SFA 25(3)

71-002371 Cagan, R. H. and Zeiger, W. N. BIOCHEMICAL STUDIES OF OLFACTION: BINDING SPECIFICITY OF RADIOACTIVELY LABELED STIMULI TO AN ISOLATED OLFACTORY PREPARATION FROM RAINBOW TROUT (/SALMO GAIRDNERI/). *Proc. Natl. Acad. Sci. U.S.A.* 75 (10): 4679-4683. Oct. 1978. SFA 24(1)

71-002372 Cairns, M. A. and Christian, A. R. EFFECTS OF HEMORRHEGIC STRESS ON SEVERAL BLOOD PARAMETERS IN ADULT RAINBOW TROUT (/SALMO GAIRDNERI/). *Trans. Am. Fish. Soc.* 107(2): 334-340. Mar. 1978. SFA 23(3)

71-002373 Cala, P. M. VOLUME REGULATION BY FLOUNDER RED BLOOD CELLS: THE ROLE OF THE MEMBRANE POTENTIAL. *J. Exp. Zool.* 199 (3): 339-344. Mar. 1977. SFA 22(3)

71-002374 Cameron, J. N. and Wood, C. M. RENAL FUNCTION AND ACID-BASE REGULATION IN TWO AMAZONIAN ERYTHRINID FISHES: /HOPLIAS MALABARICUS/, A WATER BREATHER, AND /HOPLERYTHRINUS UNITAENIATUS/, A FACULTATIVE AIR BREATHER. *Can. J. Zool.* 56 (4): 917-930. Apr. 1978. In English with French summ. SFA 23(3)

71-002375 Cameron, J. N. CO(2)-HCO-(3) POOL DYNAMICS IN FW CATFISH: EFFECTS OF ACID-BASE CHANGE. *Am. Zool.* 18(3):593. 1978. Abstract only. SFA 24(2)

71-002376 Cameron, J. N. BRANCHIAL ION UPTAKE IN ARCTIC GRAYLING: RESTING VALUES AND EFFECTS OF ACID-BASE DISTURBANCE. *J. Exp. Biol.* 64 (3): 711-725. June 1976. SFA 22(1)

71-002377 Cameron, J. S. and O'Connor, E. F. LIQUID CHROMATOGRAPHIC DEMONSTRATION OF CATECHOLAMINE RELEASE IN FISH HEART. *J. Exp. Zool.* 209(3):473-499. Sept. 1979. SFA 25(1)

71-002378 Cameron, J. S. AUTONOMIC NERVOUS REGULATION OF THE HEART IN GOLDFISH. *Ph.D. dissertation, Univ. Mass.* 161p. 1980. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5553. June 1980. SFA 25(3)

71-002379 Cameron, J. S. AUTONOMIC NERVOUS CONTROL OF HEART RATE IN THE RESTING AND EXERCISING GOLDFISH. *Am. Zool.* 18 (3): 592. 1978. Abstract only. SFA 24(2)

71-002380 Campbell, C. M. and D. R. Idler. CHARACTERIZATION OF AN ESTRADIOL-INDUCED PROTEIN FROM RAINBOW TROUT SERUM AS VITELLOGENIN BY THE COMPOSITION AND RADIOIMMUNOLOGICAL CROSS REACTIVITY TO OVARIAN YOLK FRACTIONS. *Biol. Reprod.* 22(3):605-617. Apr. 1980. SFA 25(3)

71-002381 Campbell, C. M. and Idler, D. R. OOCYTE MATURATION AND OVULATION INDUCED IN HYPOPHYSECTOMIZED WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/) BY PREPARATIONS FROM PITUITARY GLANDS OF AMERICAN PLAICE (/HIPPOGLOSSOIDES PLATESSOIDES/). *J. Fish. Res. Board Can.* 34 (11): 2151-2155. Nov. 1977. In English with French summ. SFA 23(1)

71-002382 Campbell, C. M. /IN VITRO/ STIMULATION OF VITELLOGENIN INCORPORATION INTO TROUT OOCYTES BY SALMON PITUITARY EXTRACTS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1013-1018. 1978. SFA 24(1)

71-002383 Campbell, C. M. and Jalabert, B. SELECTIVE PROTEIN INCORPORATION BY VITELLOGENIC /SALMO GAIRDNERI/ OOCYTES /IN VITRO/. *Ann. Biol. Anim. Biochim. Biophys.* 19 (2): 429-437. 1979. In English with French summ. SFA 24(3)

71-002384 Campbell, C. M. and Davies, P. S. THERMAL ACCLIMATION IN THE TELEOST, /BLENNIUS PHOLIS/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (1): 147-151. Sept. 1975. SFA 22(1)

71-002385 Cannon, M. S.; H. H. Mollenhauer; A. M. Cannon; T. E. Eurell and D. H. Lewis. ULTRASTRUCTURAL LOCALIZATION OF PEROXIDASE ACTIVITY IN NEUTROPHIL LEUKOCYTES OF *ICTALURUS PUNCTATUS*. *Can. J. Zool.* 58(6):1139-1143. June 1980. In English with French summ. SFA 25(3)

71-002386 Capra, M. F. CARDIO-RESPIRATORY RELATIONSHIPS DURING "EUPNOEA" AND RESPIRATORY ARRHYTHMIAS IN THE PORT JACKSON SHARK, /HETERODONTUS PORTUSJACKSONI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 53(3):259-262. 1976. SFA 22(1)

71-002387 Capra, M. F. TECHNIQUE FOR RECORDING THE RESPIRATORY MOVEMENTS OF UNRESTRAINED ELASMOBRANCH FISH. *J. Fish Biol.* 9 (1): 1-2. July 1976. SFA 22(1)

71-002388 Caprio, J. HIGH SENSITIVITY OF CATFISH TASTE RECEPTORS TO AMINO ACIDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (1): 247-251. Sept. 1975. SFA 22(1)

71-002389 Caprio, J. T. OLFACTORY AND GUSTATORY RESPONSES OF CATFISH TO AMINO ACIDS AND DERIVATIVES. *Ph. D. dissertation, Fla. State Univ.* 270p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-002390 Carillo, M. A.; S. Zanuy; J. Kuo and W. Watanabe. DAILY RHYTHMS OF LIVER cAMP, TOTAL LIVER LIPIDS, PROLACTIN-LIKE HORMONE AND GROWTH HORMONE CELL ACTIVITIES IN *SAROTHERODON MOSSAMBICUS* ACCLIMATED TO DIFFERENT PHOTOPERIOD REGIMES. *Gen. Comp. Endocrinol.* 41(3):325-333. July 1980. SFA 25(4)

71-002391 Carlson, A. R.; J. Blocher and L. J. Herman. GROWTH AND SURVIVAL OF CHANNEL CATFISH AND YELLOW PERCH EXPOSED TO LOWERED CONSTANT AND DIURNALLY FLUCTUATING DISSOLVED OXYGEN CONCENTRATIONS. *Prog. Fish-Cult.* 42(2):73-78. Apr. 1980. SFA 25(3)

71-002392 Carrier, J. C. and Evans, D. H. THE ROLE OF ENVIRONMENTAL CALCIUM IN FRESHWATER SURVIVAL OF THE MARINE TELEOST, /LAGODON RHOMBOIDES/ *J. Exp. Biol.* 65 (3): 529-538. Dec. 1976. SFA 22(3)

71-002393 Cartier, M.; Buclon, M. and Robinson, J. W. L. PRELIMINARY STUDIES ON THE CHARACTERISTICS OF PHENYLALANINE AND BETA-METHYL-GLUCOSIDE TRANSPORT IN THE TENCH INTESTINE /IN VITRO/. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (2): 363-370. 1979. SFA 24(2)

71-002394 Casillas, E. and Smith, L. S. EFFECT OF STRESS ON BLOOD COAGULATION AND HAEMATOLOGY IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish Biol.* 10 (5): 481-491. May 1977. SFA 22(3)

71-002395 Casillas, E. HEMATOLOGICAL RESPONSE OF FISH TO INDEPENDENT CHANGES IN HYDROSTATIC AND GAS PRESSURE. *Ph.D. dissertation, Univ. Wash.* 91p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2033. Nov. 1978. SFA 24(1)

71-002396 Casselman, J. M. CALCIFIED TISSUE AND BODY GROWTH OF NORTHERN PIKE, /ESOX LUCIUS/ LINNAEUS. *Ph.D. dissertation, Univ. Toronto* 1978. From Diss. Abstr. Int. B Sci. Eng. 40(2):628. Aug. 1979. SFA 24(4)

71-002397 Casterlin, M. E. and W. W. Reynolds. THERMOREGULATORY BEHAVIOR OF A TROPICAL MARINE FISH: *CANTHIGASTER JACTATOR* (JENKINS). *Hydrobiologia* 70(3):269-279. 2 May 1980. SFA 25(3)

71-002398 Catlett, R. H. and Millich, D. R. INTRACELLULAR AND EXTRACELLULAR OSMOREGULATION OF TEMPERATURE ACCLIMATED GOLDFISH: /CARASSIUS AURATUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (3): 261-269. 1976. SFA 22(1)

71-002399 Caulton, M. S. THE EFFECT OF TEMPERATURE ON ROUTINE METABOLISM IN /TILAPIA RENDALLI/ BOULENGER. *J. Fish Biol.* 11 (6): 549-553. Dec. 1977. SFA 23(2)

71-002400 Caulton, M. S. THE EFFECT OF TEMPERATURE AND MASS ON ROUTINE METABOLISM IN /SAROTHERODON (TILAPIA) MOSSAMBICUS/ (PETERS). *J. Fish Biol.* 13 (2): 195-201. Aug. 1978. SFA 24(1)

71-002401 Caulton, M. S. TISSUE DEPLETION AND ENERGY UTILISATION DURING ROUTINE METABOLISM BY SUB-ADULT /TILAPIA RENDALLI/ BOULENGER. *J. Fish Biol.* 13 (1): 1-6. July 1978. SFA 23(4)

71-002402 Caulton, M. S. THE ABILITY OF THE CICHLID FISHES /TILAPIA RENDALLI/ BOULENGER, /TILAPIA SPARRMANII/ A. SMITH AND /HEMIHAPLOCHROMIS/ (= /PSEUDOCRENILABRUS/) /PHILANDER/ (M. WEBER) TO ENTER DEEP WATER. *J. Fish Biol.* 7 (4): 513-517. July 1975. SFA 22(2)

71-002403 Caulton, M. S. and Bursell, E. THE RELATIONSHIP BETWEEN CHANGES IN CONDITION AND BODY COMPOSITION IN YOUNG /TILAPIA RENDALLI/ BOULENGER. *J. Fish Biol.* 11 (2): 143-150. Aug. 1977. SFA 23(1)

71-002404 Caxton-Martins, A. E. CYTOCHEMICAL STUDIES OF CELL POPULATION IN PERIPHERAL BLOOD SMEARS OF TWO WEST AFRICAN TELEOSTS. *J. Anat.* 128 (2): 269-276. Mar. 1979. SFA 24(3)

71-002405 Cecn, J. J., Jr.; Mitchell, S. J. and Massingill, M. J. RESPIRATORY ADAPTATIONS OF SACRAMENTO BLACKFISH, /ORTHODON MICROLEPIDOTUS/ (AYRES), FOR HYPOXIA. *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (3): 411-415. 1979. SFA 24(4)

71-002406 Cech, J. J., Jr.; Campagna, C. G. and Mitchell, S. J. RESPIRATORY RESPONSES OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) TO ENVIRONMENTAL CHANGES IN TEMPERATURE AND DISSOLVED OXYGEN. *Trans. Am. Fish. Soc.* 108 (2): 166-171. Mar. 1979. SFA 24(4)

71-002407 Cech, J. J., Jr. and Rowell, D. M. VASCULAR CANNULATION METHOD FOR FLATFISHES. *Prog. Fish-Cult.* 38 (2): 74-75. Apr. 1976. SFA 21(3).

71-002408 Cech, J. J., Jr.; Rowell, D. M. and Glasgow, J. S. CARDIOVASCULAR RESPONSES OF THE WINTER FLOUNDER /PSEUDOPLEURONECTES AMERICANUS/ TO HYPOXIA. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (1): 123-125. 1977. SFA 22(3)

71-002409 Cech, J. J., Jr.; Bridges, D. W.; Rowell, D. M. and Balzer, P. J. CARDIOVASCULAR RESPONSES OF WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/ (WALBAUM), TO ACUTE TEMPERATURE INCREASE. *Can. J. Zool.* 54 (8): 1383-1388. Aug. 1976. In English with French summ. SFA 21(4)

71-002410 Chakraborti, P. and Bhattacharya, S. BOVINE TSH-STIMULATION OF FISH THYROID PEROXIDASE ACTIVITY AND ROLE OF THYROXINE THEREON. *Experientia (Basel)* 34 (1): 136-137. 15 Jan. 1978. SFA 23(2)

71-002411 Chambers, J. E. and Yarbrough, J. D. A SEASONAL STUDY OF MICROSOMAL MIXED-FUNCTION OXIDASE COMPONENTS IN INSECTICIDE-RESISTANT AND SUSCEPTIBLE MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Toxicol. Appl. Pharmacol.* 48 (3): 497-507. May 1979. SFA 24(4)

71-002412 Chambolle, P.; Kah, O. and Olivereau, M. ETUDE DU CONTROLE HYPOTHALAMIQUE DE AL FONCTION GONADOTROPE CHEZ /GAMBUSIA/ SP. (POISSON TELEOSTEEN) PAR LA TECHNIQUE DES GREFFES. [GONADOTROPIC FUNCTION IN THE TELEOST /GAMBUSIA/ SP. A STUDY OF HYPOTHALAMIC CONTROL USING GRAFTS.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 825-829. 1978. In French with English summ. SFA 24(1)

71-002413 Chan, D. K. O. and Woo, N. Y. S. EFFECT OF CORTISOL ON THE METABOLISM OF THE EEL, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 35 (3): 205-215. May 1978. SFA 23(4)

71-002414 Chan, D. K. O. and Woo, N. Y. S. EFFECT OF GLUCAGON ON THE METABOLISM OF THE EEL, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 35 (3): 216-225. July 1978. SFA 23(4)

71-002415 Chan, D. K. O. and Woo, N. Y. S. EFFECT OF HYPOPHYSECTOMY ON THE CHEMICAL COMPOSITION AND INTERMEDIARY METABOLISM OF THE JAPANESE EEL, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 35 (2): 169-178. June 1978. SFA 23(4)

71-002416 Chan, D. K. O. and Woo, N. Y. S. THE RESPIRATORY METABOLISM OF THE JAPANESE EEL, /ANGUILLA JAPONICA/: EFFECTS OF AMBIENT OXYGEN, TEMPERATURE, SEASON, BODY WEIGHT, AND HYPOPHYSECTOMY. *Gen. Comp. Endocrinol.* 35 (2): 160-168. June 1978. SFA 23(4)

71-002417 Chan, D. K. O. and Chow, P. H. THE EFFECTS OF ACETYLCHOLINE, BIOGENIC AMINES AND OTHER VASOACTIVE AGENTS ON THE CARDIOVASCULAR FUNCTIONS OF THE EEL, /ANGUILLA JAPONICA/. *J. Exp. Zool.* 196 (1): 13-26. Apr. 1976. SFA 22(2)

71-002418 Chan, D. K. O. and Wong, T. M. PHYSIOLOGICAL ADJUSTMENTS TO DILUTION OF THE EXTERNAL MEDIUM IN THE LIP-SHARK /HEMISCYLLIUM PLAGIOSUM/ (BENNETT). I. SIZE OF BODY COMPARTMENTS AND OSMOLYTE COMPOSITION. *J. Exp. Zool.* 200 (1): 71-84. Apr. 1977. SFA 22(3)

71-002419 Chan, D. K. O. and Wong, T. M. PHYSIOLOGICAL ADJUSTMENTS TO DILUTION OF THE EXTERNAL MEDIUM IN THE LIP-SHARK, /HEMISCYLLIUM PLAGIOSUM/ (BENNETT). III. OXYGEN CONSUMPTION AND METABOLIC RATES. *J. Exp. Zool.* 200 (1): 97-102. Apr. 1977. SFA 22(3)

71-002420 Chan, K. K.-S. A PHOTOSENSITIVE DAILY RHYTHM IN THE FEMALE MEDAKA, /ORYZIAS LATIPES/. *Can. J. Zool.* 54(6):852-856. June 1976. In English with French summ. SFA 22(1)

71-002421 Chao, L. P. and Birkbeck, T. H. STORAGE OF MARINE FISH ERYTHROCYTES IN LIQUID NITROGEN. *J. Fish Biol.* 13 (4): 483-488. Oct. 1978. SFA 24(1)

71-002422 Chatto, D. A. EFFECTS OF SALINITY ON HATCHING SUCCESS OF THE CUI-UI. *Prog. Fish-Cult.* 41 (2): 82-85. Apr. 1979. SFA 24(3)

71-002423 Chaves, J. M.; M. Carrillo; H. Duve; A. Thorpe and J. Planas. PLASMA INSULIN MEASUREMENTS IN MEDITERRANEAN FISHES DETERMINED BY RADIOIMMUNOASSAY. *Gen. Comp. Endocrinol.* 40(3):350. Mar. 1980. Abstract only. SFA 25(2)

71-002424 Chekunova, V. I. and Naumov, A. G. ENERGY METABOLISM OF THE HORSEMACKEREL, /TRACHURUS MURPHYI/, AND THE BUTTERFISH, /STROMATEUS MACULATUS/, FROM THE SOUTH-EASTERN PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):468-474. 1978. SFA 25(1)

71-002425 Chekunova, V. I. and Naumov, A. G. ENERGY METABOLISM OF THE FALKLAND SPRAT, /SPRATTUS FUEGENSIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 299-304. 1977. SFA 23(3)

71-002426 Chekunova, V. I. THE RATE AND LEVEL OF METABOLISM IN FISHES OF DIFFERENT ECOLOGICAL GROUPS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 272-283. 1974. SFA 21(2).

71-002427 Cheng, F.-C. BIOENERGETICS OF UTAH CHUB AND RAINBOW TROUT. *Ph. D. dissertation, Univ. Idaho* 69p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1).

71-002428 Chernyanev, Zh. A. MORPHO-ECOLOGICAL CHARACTERISTICS OF THE REPRODUCTION AND DEVELOPMENT OF THE BAIKAL SAND SCULPIN, /PARACOTTUS (LEOCOTTUS) KESSLERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 890-903. 1977. SFA 24(1)

71-002429 Chernyshev, V. I. and Isuyev, A. R. THE ROLE OF FREE RADICAL REACTIONS IN THE PROCESSES OF EMBRYONIC DEVELOPMENT OF LOACH, /MISGURNUS FOSSILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(1):101-113. 1978. SFA 24(3)

71-002430 Chernyshev, V. I. and Magomedov, S. K. ALTERATION IN THE TOXICITY OF TISSUE LIPIDS WITH THE ADAPTATION OF FISHES TO OSMOTIC PRESSURE CHANGES IN THE ENVIRONMENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):346-349. 1975. SFA 21(3).

71-002431 Cherry, D. S.; Dickson, K. L.; Cairns, J., Jr. and Stauffer, J. R. PREFERRED, AVOIDED, AND LETHAL TEMPERATURES OF FISH DURING RISING TEMPERATURE CONDITIONS. *J. Fish. Res. Board Can.* 34 (2): 239-246. Feb. 1977. In English with French summ. SFA 22(3)

71-002432 Chervinski, J. NOTE ON THE ADAPTABILITY OF BIG-HEAD (*ARISTICHTHYS NOBILIS*) TO VARIOUS SALINE CONCENTRATIONS. *Bamidgeh* 32(1):27-29. Mar. 1980. SFA 25(3)

71-002433 Chervinski, J. and Lahav, M. THE EFFECT OF EXPOSURE TO LOW TEMPERATURE ON FINGERLINGS OF LOCAL TILAPIA (/TILAPIA AUREA/) (STEINDACHNER) AND IMPORTED TILAPIA (/TILAPIA VULCANI/) (TREWAVAS) AND /TILAPIA NILOTICA/ (LINNE) IN ISRAEL. *Bamidgeh* 28 (1/2): 25-29. 1976. SFA 21(3).

71-002434 Chervinski, J. NOTE ON THE ADAPTABILITY OF SILVER CARP--/HYPOPHTHALMICHTHYS MOLITRIX/ (VAL.)--AND GRASS CARP--/CTENOPHARYNGODON IDELLA/ (VAL.)--TO VARIOUS SALINE CONCENTRATIONS. *Aquaculture* 11 (2): 179-182. June 1977. SFA 22(4)

71-002435 Chervinski, J. ADAPTABILITY OF /CHELON LABROSUS/ (RISSO) AND /LIZA SALIENS/ (RISSO) (PISCES, MUGILIDAE) TO FRESH WATER. *Aquaculture* 11 (1): 75-79. May 1977. SFA 22(4)

71-002436 Chesney, E. J., Jr. and Estevez, J. I. ENERGETICS OF WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/) FED THE POLYCHAETE, /NEREIS VIRENS/, UNDER EXPERIMENTAL CONDITIONS. *Trans. Am. Fish. Soc.* 105 (5): 592-595. Sept. 1976. SFA 21(4).

71-002437 Chevalier, G. /IN VIVO/ INCORPORATION OF [^{3}H]LEUCINE AND [^{3}H]TYROSINE BY CAUDAL NEUROSECRETORY CELLS OF THE TROUT /SALVELINUS FONTINALIS/ IN RELATION TO OSMOSTIC MANIPULATIONS. A RADIOAUTOGRAPHIC STUDY. *Gen. Comp. Endocrinol.* 36(2):223-228. Oct. 1978. SFA 24(2)

71-002438 Chikhachev, A. S.; V. A. Boryakin and V. V. Tyan'kin. RESISTANCE OF YOUNG STURGEON HYBRIDS (ACIPENSERIDAE) TO EXTREME CONDITONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):155-158. 1979. SFA 25(4)

71-002439 Chowdhury, J. R.; N. R. Chowdhury and I. M. Arias. BILIRUBIN CONJUGATION IN THE SPINY DOGFISH, *SQUALUS ACANTHIAS*, THE SMALL SKATE, *RAJA ERINACEA* AND THE WINTER FLOUNDER, *PSEUDOPLEURONECTES AMERICANAS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 66(4):523-528. 1980. SFA 25(4)

71-002440 Christensen, G. M.; Fiandt, J. T. and Poeschl, B. A. CELLS, PROTEINS, AND CERTAIN PHYSICAL-CHEMICAL PROPERTIES OF BROOK TROUT (/SALVELINUS FONTINALIS/) BLOOD. *J. Fish Biol.* 12 (1): 51-60. Jan. 1978. SFA 23(2)

71-002441 Christiansen, J. A. CHANGES IN PHOSPHOLIPIDS AND FATTY ACIDS DURING TEMPERATURE ACCLIMATION OF GREEN SUNFISH (/LEPOMIS CYANELLUS/ R.). *Ph.D. dissertation, Univ. Ill.* 139p. 1978. From Diss. Abstr. Int. B Sci. Eng. 40(1):97. July 1979. SFA 24(4)

71-002442 Chulitskaya, E. V. and Fel'gengauer, P. E. NONCYTOSTATIC EFFECT OF CYTOPLASM FROM OOCYTES AND MATURE EGGS OF THE GRASS FROG AND STURGEON. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 8 (3): 258-261. Mar. 1978. SFA 23(3)

71-002443 Cimini, V. and A. Cecio. ON THE OCCURRENCE OF ENDOCRINE CELLS WITHIN THE PYLORIC MUCOSA OF *SCYLIORHINUS CANICULA*. PRELIMINARY ULTRASTRUCTURAL OBSERVATIONS. *Gen. Comp. Endocrinol.* 40(3):350. Mar. 1980. Abstract only. SFA 25(2)

71-002444 Claiborne, J. B. and D. H. Evans. THE ISOLATED, PERFUSED HEAD OF THE MARINE TELEOST FISH, *MYOXOCEPHALUS OCTODECIMSPINOSUS*: HEMODYNAMIC EFFECTS OF EPINEPHRINE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 138(1):79-85. July 1980. SFA 25(4)

71-002445 Claridge, P. N. and Potter, I. C. OXYGEN CONSUMPTION, VENTILATORY FREQUENCY AND HEART RATE OF LAMPREYS (/LAMPETRA FLUVIATILIS/) DURING THEIR SPAWNING RUN. *J. Exp. Biol.* 63 (1): 193-206. Aug. 1975. SFA 22(2)

71-002446 Clark, S.; Whitmore, D. H., Jr. and McMahon, R. F. CONSIDERATIIONS OF BLOOD PARAMETERS OF LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/. *J. Fish Biol.* 14 (2): 147-158. Feb. 1979. SFA 24(3)

71-002447 Clarke, W. C. and Blackburn, J. SEAWATER CHALLENGE TESTS PERFORMED ON HATCHERY STOCKS OF CHINOOK AND COHO SALMON IN 1977. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 761. iii + 19p. July 1978. In English with French summ. SFA 24(1)

71-002448 Clarke, W. C. and Blackburn, J. A SEAWATER CHALLENGE TEST TO MEASURE SMOLTING OF JUVENILE SALMON. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 705. iii + 11p. 1977. In English with French summ. SFA 22(4)

71-002449 Clarke, W. C.; Farmer, S. W. and Hartwell, K. M. EFFECT OF TELEOST PITUITARY GROWTH HORMONE ON GROWTH OF /TILAPIA MOSSAMBICA/ AND ON GROWTH AND SEAWATER ADAPTATION OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *Gen. Comp. Endocrinol.* 33 (2): 174-178. Oct. 1977. SFA 23(1)

71-002450 Clarke, W. C.; Shelbourn, J. E. and Brett, J. R. GROWTH AND ADAPTATION TO SEA WATER IN 'UNDERYEARLING' SOCKEYE (/ONCORHYNCHUS NERKA/) AND COHO (/O. KISUTCH/) SALMON SUBJECTED TO REGIMES OF CONSTANT OR CHANGING TEMPERATURE AND DAY LENGTH. *Can. J. Zool.* 56 (11): 2413-2421. Nov. 1978. In English with French summ. SFA 24(2)

71-002451 Clarke, W. C.; Folmar, L. and Dickhoff, W. W. CHANGES IN GILL NA+-K+ ATPASE, PLASMA SODIUM AND THYROID HORMONE LEVELS DURING ADAPTATION OF JUVENILE COHO SALMON TO SEA WATER. *Am. Zool.* 18 (3): 652. 1978. Abstract only. SFA 24(2)

71-002452 Clay, D. PRELIMINARY OBSERVATIONS ON SALINITY TOLERANCE OF /CLARIAS LAZERA/ FROM ISRAEL. *Bamidgeh* 29 (3): 102-109. Sept. 1977. SFA 23(2)

71-002453 Clayton, R. M. and Maughan, O. E. SUBLETHAL THERMAL SHOCK EFFECTS ON PREDATION SUSCEPTIBILITY OF FATHEAD MINNOWS. *Va. J. Sci.* 29 (3): 191-193. 1978. SFA 24(4)

71-002454 Coates, M.; J. Thompson and M. E. Tate. ISOLATION OF O-PHOSPHORYLETHANOLAMINE FROM THE ERYTHROCYTES OF AN ELASMOBRANCH (THE SOUTHERN FIDDLER RAY--*TRYGONORHINA FASCIATA GUANERIUS*). *J. Exp. Zool.* 210(3):489-496. Dec. 1979. SFA 25(2)

71-002455 Coates, M.; Paton, B. C. and Thompson, J. HIGH LEVELS OF INOSINE MONOPHOSPHATE IN THE ERYTHROCYTES OF ELASMOBRANCHS. *J. Exp. Zool.* 203 (2): 331-337. Feb. 1978. SFA 23(2)

71-002456 Coburn, C. B., Jr. RED BLOOD CELL HEMATOLOGY OF FISHES: A CRITIQUE OF TECHNIQUES AND A COMPILATION OF PUBLISHED DATA. *J. Mar. Sci.* 2 (2): 37-58. 1973. SFA 22(3)

71-002457 Cohen, D. M. SWIMMING PERFORMANCE OF THE GADOID FISH /ANTIMORA ROSTRATA/ AT 2400 METERS. *Deep-Sea Res.* 24 (3): 275-277. Mar. 1977. SFA 22(3)

71-002458 Colin, D. A.; Kirsch, R. and Leray, C. HAEMODYNAMIC EFFECTS OF ADENOSINE ON GILLS OF THE TROUT (/SALMO GAIRDNERI/). *J. Comp. Physiol. B. Biochem. Syst. Environ. Physiol.* 130 (4): 325-330. 1979. SFA 24(4)

71-002459 Colin, D. REPONSES HEMODYNAMIQUES DE LA BRANCHIE A L'ADENOSINE CHEZ LA TRUITE (/SALMO GAIRDNERI/). ETUDE SUR TETE ISOLEE PERFUSEE. [HEMODYNAMIC RESPONSES OF TROUT (/SALMO GAIRDNERI/) GILL TO ADENOSINE. STUDY WITH ISOLATED PERFUSED HEAD.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284 (13): 1191-1194. 28 Mar. 1977. In French with English summ. SFA 22(3)

71-002460 Collins, M. A. J. EXPERIMENTS ON THE HATCHING PERIOD OF THE EGGS OF THE LUMPFISH /CYCLOPTERUS LUMPUS/ L. IN NEWFOUNDLAND WATERS. *Nat. Can. (Que.)* 105 (3): 169-171. May-June 1978. In English with French summ. SFA 24(2)

71-002461 Collis, C. S. MELANOPHORE POTENTIALS OF THE CHROMATICALLY INTACT SPINAL STONELOACH (/NOEMACHEILUS BARBATULUS/ L.) FOLLOWING ADAPTATION TO VARYING BACKGROUNDS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 131 (1): 13-21. 29 May 1979. SFA 24(4)

71-002462 Colombo, L.; Colombo Belveder, P. and Arcarese, G. EMERGENCE OF OVARIAN 11-DEOXYCORTICOSTEROID BIOSYNTHESIS AT OVULATION TIME IN THE SEA BASS, /DICENTRARCHUS LABRAX/ L. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 937-941. 1978. SFA 24(1)

71-002463 Conant, E. B. and Thomas, S. F. HISTOLOGICAL OBSERVATIONS OF THE REGENERATING LIMB IN THE AFRICAN LUNGFISH /PROTOPTERUS/. *Va. J. Sci.* 27 (2): 42. 1976. Abstract only. SFA 21(4)

71-002464 Conant, E. B. UREA ACCUMULATION AND OTHER EFFECTS OF ESTIVATION IN THE AFRICAN LUNGFISH, /PROTOPTERUS/. *Va. J. Sci.* 27 (2): 42. 1976. Abstract only. SFA 21(4)

71-002465 Connors, T. J.; Schneider, M. J.; Genoway, R. G. and Barraclough, S. A. EFFECT OF ACCLIMATION TEMPERATURE ON PLASMA LEVELS OF GLUCOSE AND LACTATE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Exp. Zool.* 206 (3): 443-449. Dec. 1978. SFA 24(1)

71-002466 Conte, F. P. MOLECULAR ASPECTS OF CHLORIDE CELL FORMATION IN /ONCORHYNCHUS/. II. ISOLATION AND CHARACTERIZATION OF GILL TRANSFER RNA'S DURING ACTIVE SALT SECRETION. *J. Exp. Zool.* 199 (3): 395-402. Mar. 1977. SFA 22(3)

71-002467 Cook, A. F. and R. E. Peter. PLASMA CLEARANCE OF GONADOTROPIN IN GOLDFISH, *CARASSIUS AURATUS*, DURING THE ANNUAL REPRODUCTIVE CYCLE. *Gen. Comp. Endocrinol.* 42(1):76-90. Sept. 1980. SFA 25(4)

71-002468 Cook, A. F.; N. E. Stacey and R. E. Peter. PERIOVULATORY CHANGES IN SERUM CORTISOL LEVELS IN THE GOLDFISH, *CARASSIUS AURATUS*. *Gen. Comp. Endocrinol.* 40(4):507-510. Apr. 1980. SFA 25(3)

71-002469 Cook, F. C. and R. E. Peter. THE METABOLISM OF GONADOTROPIN IN GOLDFISH, *CARASSIUS AURATUS*: TISSUE UPTAKE AND DISTRIBUTION DURING THE REPRODUCTIVE CYCLE. *Gen. Comp. Endocrinol.* 42(1):91-100. Sept. 1980. SFA 25(4)

71-002470 Cook, H.; Flagg, L. N.; Squiers, T. S.; McKeown, B. A. and Duff, D. W. STUDIES ON THE BLOOD AND BRANCHIAL MUCOUS CELLS OF FRESHWATER AND MARINE ALEWIVES (/ALOSA PSEUDOHAREGUS/). *Comp. Biochem. Physiol. A Comp. Physiol.* 64(2):245-249. 1979. SFA 25(1)

71-002471 Coombs, S. H. and Hiby, A. R. THE DEVELOPMENT OF THE EGGS AND EARLY LARVAE OF BLUE WHITING, /MICROMESISTIUS POUTASSOU/ AND THE EFFECT OF TEMPERATURE ON DEVELOPMENT. *J. Fish Biol.* 14 (1): 111-123. Jan. 1979. SFA 24(2)

71-002472 Cornillon, B.; Letoublon, R.; Frot-Coutaz, J. and Got, R. EVIDENCE FOR GLYCOSYLTRANSFERASES IN TROUT LIVER MICROSOMES (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (3): 419-421. 1979. SFA 24(4)

71-002473 Cornillon, B.; R. Létoublon; J. Frot-Coutaz and R. Got. KINETIC PROPERTIES OF MANNOSE TRANSFER IN TROUT LIVER MICROSOMES. *Comp. Biochem. Physiol. B Comp. Biochem.* 66(4):511-516. 1980. SFA 25(4)

71-002474 Cothron, P. D. and Coburn, C. B., Jr. A COMPARATIVE IN VITRO STUDY OF THE EFFECTS OF VARIOUS BALANCED SALINE SOLUTIONS ON RESPIRATION RATES OF LIVER TISSUES OF THREE FISH SPECIES. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-002475 Courtois, L. A. HEMATOLOGY OF JUVENILE STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), ACCLIMATED TO DIFFERENT ENVIRONMENTAL CONDITIONS. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (2): 221-223. 1976. SFA 22(1)

71-002476 Courtois, L. A. RESPIRATORY RESPONSES OF /GILLICHTHYS MIRABILIS/ TO CHANGES IN TEMPERATURE, DISSOLVED OXYGEN, AND SALINITY. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (1): 7-10. 1976. SFA 22(1)

71-002477 Craig, J. F. THE BODY COMPOSITION OF ADULT PERCH, /PERCA FLUVIATILIS/ IN WINDERMERE, WITH REFERENCE TO SEASONAL CHANGES AND REPRODUCTION. *J. Anim. Ecol.* 46 (2): 617-632. June 1977. SFA 22(4)

71-002478 Craig, J. F.; Kenley, M. J. and Talling, J. F. COMPARATIVE ESTIMATIONS OF THE ENGERY CONTENT OF FISH TISSUE FROM BOMB CALORIMETRY, WET OXIDATION AND PROXIMATE ANALYSIS. *Freshwater Biol.* 8 (6): 585-590. Dec. 1978. SFA 24(2)

71-002479 Craik, J. C. A. SIMULTANEOUS MEASUREMENT OF RATES OF VITELLOGENIN SYNTHESIS AND PLASMA LEVELS OF OESTRADIOL IN AN ELASMOBRANCH. *Gen. Comp. Endocrinol.* 38 (2): 264-266. June 1979. SFA 24(4)

71-002480 Craik, J. C. A. PLASMA LEVELS OF VITELLOGENIN IN THE ELASMOBRANCH /SCYLIORHINUS CANICULA/ L. (LESSER SPOTTED DOGFISH). *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (1): 9-18. 1978. SFA 23(3)

71-002481 Craik, J. C. A. EFFECTS OF HYPOPHYSECTOMY ON VITELLOGENESIS IN THE ELASMOBRANCH /SCYLIORHINUS CANICULA/ L. *Gen. Comp. Endocrinol.* 36 (1): 63-67. Sept. 1978. SFA 24(2)

71-002482 Craik, J. C. A. THE LIPIDS OF SIX SPECIES OF SHARK. *J. Mar. Biol. Assoc. U.K.* 58 (4): 913-921. Nov. 1978. SFA 24(2)

71-002483 Craik, J. C. A. KINETIC STUDIES OF VITELLOGENIN METABOLISM IN THE ELASMOBRANCH /SCYLIORHINUS CANICULA/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (2): 355-361. 1978. SFA 24(1)

71-002484 Craik, J. C. A. THE EFFECTS OF OESTROGEN TREATMENT ON CERTAIN PLASMA CONSTITUENTS ASSOCIATED WITH VITELLOGENESIS IN THE ELASMOBRANCH /SCYLIORHINUS CANICULA/ L. *Gen. Comp. Endocrinol.* 35 (4): 455-464. Aug. 1978. SFA 24(1)

71-002485 Craik, J. C. A. AN ANNUAL CYCLE OF VITELLOGENESIS IN THE ELASMOBRANCH /SCYLIORHINUS CANICULA/. *J. Mar. Biol. Assoc. U. K.* 58 (3): 719-726. Aug. 1978. SFA 23(4)

71-002486 Crawford, B. A.; Leider, S. A. and Tipping, J. M. TECHNIQUE FOR RAPIDLY TAKING SAMPLES OF SKELETAL MUSCLE FROM LIVE ADULT STEELHEAD TROUT. *Prog. Fish-Cult.* 39 (3): 125. July 1977. SFA 22(4)

71-002487 Crim, J. W.; Urano, A. and Gorbman, A. IMMUNOCYTOCHEMICAL STUDIES OF LUTEINIZING HORMONE-RELEASING HORMONE IN BRAINS OF AGNATHAN FISHES. II. PATTERNS OF IMMUNOREACTIVITY IN LARVAL AND MATURING WESTERN BROOK LAMPREY (/LAMPETRA RICHARDSONI/). *Gen. Comp. Endocrinol.* 38(3):290-299. July 1979. SFA 25(1)

71-002488 Crim, J. W.; Urano, A. and Gorbman, A. PATTERNS OF IMMUNOREACTIVE LUTEINIZING HORMONE-RELEASING HORMONE (IR-LH-RH) IN BRAINS OF LARVAL AND MATURING LAMPREY. *Am. Zool.* 18 (3): 614. 1978. Abstract only. SFA 24(2)

71-002489 Crim, L. W. and D. M. Evans. LH--RH-STIMULATED GONADOTROPIN RELEASE FROM THE RAINBOW TROUT PITUITARY GLAND: AN *IN VITRO* ASSAY FOR DETECTION OF TELEOST GONADOTROPIN RELEASING FACTOR(S). *Gen. Comp. Endocrinol.* 40(3):283-290. Mar. 1980. SFA 25(2)

71-002490 Crim, L. W. and Peter, R. E. THE INFLUENCE OF TESTOSTERONE IMPLANTATION IN THE BRAIN AND PITUITARY ON PITUITARY GONADOTROPIN LEVELS IN ATLANTIC SALMON PARR. *Ann. Biol. Anim. Biochim. Biophys.* 18 (3): 689-694. 1978. In English with French summ. SFA 23(4)

71-002491 Crim, L. W. and Evans, D. M. SEASONAL LEVELS OF PITUITARY AND PLASMA GONADOTROPIN IN MALE AND FEMALE ATLANTIC SALMON PARR. *Can. J. Zool.* 56 (7): 1550-1555. July 1978. In English with French summ. SFA 23(4)

71-002492 Crim, L. W. and Idler, D. R. PLASMA GONADOTROPIN, ESTRADIOL, AND VITELLOGENIN AND GONAD PHOSVITIN LEVELS IN RELATION TO THE SEASONAL REPRODUCTIVE CYCLES OF FEMALE BROWN TROUT. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1001-1005. 1978. SFA 24(1)

71-002493 Cristy, M. T. CONTROL OF VISUAL PIGMENT PROPORTIONS IN TWO ANADROMOUS FISHES. *Ph. D. dissertation, Univ. Oreg.* 164p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-002494 Criswell, D.; Norton, V. M. and Davis, K. B. THE EFFECT OF ENVIRONMENTAL CALCIUM ON THE REGULATION OF PLASMA SODIUM AND CHLORIDE IN CHANNEL CATFISH. *J. Tenn. Acad. Sci.* 52 (2): 73. Apr. 1977. SFA 22(3)

71-002495 Crow, R. T. and Liley, N. R. A SEXUAL PHEROMONE IN THE GUPPY, /POECILIA RETICULATA/ (PETERS). *Can. J. Zool.* 57 (1): 184-188. Jan. 1979. In English with French summ. SFA 24(2)

71-002496 Curry, K. D. and Kynard, B. EFFECT OF EXTENDED GALVANONARCOSIS ON BEHAVIOR OF RAINBOW TROUT, /SALMO GAIRDNERI/, AND CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish. Res. Board Can.* 35 (10): 1297-1302. Oct. 1978. In English with French summ. SFA 24(1)

71-002497 Cvancara, V. A. and Huang, W. TISSUE ALKALINE PHOSPHATASE ACTIVITY IN SELECTED FRESHWATER TELEOSTS. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (3): 221-224. 1978. SFA 23(4)

71-002498 Cvancara, V. A.; Stieber, S. F. and Cvancara, B. A. SUMMER TEMPERATURE TOLERANCE OF SELECTED SPECIES OF MISSISSIPPI RIVER ACCLIMATED YOUNG OF THE YEAR FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (1): 81-85. 1977. SFA 22(1)

71-002499 Czeczuga, B. CAROTENOIDS IN FISH. XX. CAROTENOIDS IN /SALMO GAIRDNERI/ RICH. AND /SALMO TRUTTA/ MORPHA /FARIO/ L. *Hydrobiologia* 64(3):251-259. 22 June 1979. SFA 25(1)

71-002500 Czeczuga, B. CAROTENOIDS IN FISH. XXIII. SYNGNATHIDAE FAMILY. *Hydrobiologia* 70(3):197-199. 2 May 1980. SFA 25(3)

71-002501 Czeczuga, B. CAROTENOIDS IN FISH IV. SALMONIDAE AND THYMALLIDAE FROM POLISH WATERS. *Hydrobiologia* 46 (2-3): 223-239. Mar. 1975. SFA 21(4)

71-002502 Czihak, G.; Peter, R.; Puschendorf, B. and Grunicke, H. SOME DATA ON THE BASIC METABOLISM OF TROUT EGGS. *J. Fish Biol.* 15(2):185-193. Aug. 1979.
SFA 25(1)

71-002503 d'Apollonia, S. and P. D. Anderson. OPTIMAL ASSAY CONDITIONS FOR SERUM AND LIVER GLUTAMATE OXALOACETATE TRANSAMINASE, GLUTAMATE PYRUVATE TRANSAMINASE, AND SORBITOL DEHYDROGENASE FROM THE RAINBOW TROUT, *SALMO GAIRDNERI. Can. J. Fish. Aquatic Sci.* 37(2):163-169. Feb. 1980. In English with French summ. SFA 25(3)

71-002504 Dabrowska, R. and Szpacenko, A. COMPARISON OF THE COMPOSITION AND PROPERTIES OF NATURAL ACTOMYOSIN FROM CARP (/CYPRINUS CARPIO/) AND RABBIT SKELETAL MUSCLE. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (2): 139-142. 1977. SFA 22(3)

71-002505 Dabrowski, K. and Glogowski, J. STUDIES ON THE ROLE OF EXOGENOUS PROTEOLYTIC ENZYMES IN DIGESTION PROCESSES IN FISH. *Hydrobiologia* 54 (2): 129-134. 1 June 1977. SFA 22(4)

71-002506 Dabrowski, K. THE DENSITY AND CHEMICAL COMPOSTION OF FISH MUSCLE. *Experientia (Basel)* 34 (10): 1263-1265. 15 Oct. 1978. SFA 24(1)

71-002507 Daikoku, T. CHANGES IN OSMOTIC AND IONIC CONCENTRATIONS OF VARIOUS TISSUES OF THE GUPPY, *POECILIA RETICULATA*, WITH ADAPTATION TO SEA WATER, AND THE EFFECT OF DIETARY TRIMETHYLAMINE ON THESE CHANGES. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(2):189-195. 1980. SFA 25(3)

71-002508 Daikoku, T. CHANGES AND EFFECTS OF TRIMETHYLAMINE OXIDE IN FRESHWATER FISHES, THE GUPPIES, /POECILIA RETICULATA/ AND THE GOLDFISH, /CARASSIUS AURATUS/. *Annot. Zool. Jpn.* 50 (4): 203-211. Dec. 1977. SFA 23(3)

71-002509 Daikoku, T. EFFECTS OF DIETARY TRIMETHYLAMINE ON THE ALKALINE PHOSPHATASE AND REDUCTASE ACTIVITIES IN THE GUPPY, *POECILIA RETICULATA*, IN RELATION TO SEAWATER ADAPTATION. *Comp. Biochem. Physiol. B Comp. Biochem.* 66(1):99-103. 1980. SFA 25(3)

71-002510 Dalmaz, Y. and Peyrin, L. OCCURRENCE OF DOPAMINE IN THE CHROMAFFIN TISSUE OF A CARTILAGINOUS SELACHIAN FISH: /SCYLIORHINUS CANICULA/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 59 (2): 135-143. 1978. SFA 23(3)

71-002511 Dannevig, B. H. and Norum, K. R. ESTERIFICATION OF CHOLESTEROL IN FISH PLASMA: STUDIES ON THE CHOLESTEROL ESTERIFYING ENZYME IN PLASMA OF CHAR (/SALMO ALPINUS/ L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (4): 537-541. 1979. SFA 24(4)

71-002512 Datta Munshi, J. S.; Pandey, B. N.; Pandey, P. K. and Ojha, J. OXYGEN UPTAKE THROUGH GILLS AND SKIN IN RELATION TO BODY WEIGHT OF AN AIR-BREATHING SILUROID FISH, /SACCOBRANCHUS (=HETEROPNEUSTES) FOSSILIS/. *J. Zool. (Lond.)* 184 (2): 171-180. Feb. 1978. SFA 23(3)

71-002513 Dave, G.; Johansson-Sjobeck, M.-L.; Larsson, A.; Lewander, K. and Lidman, U. EFFECTS OF INSULIN ON THE FATTY ACID COMPOSITION OF THE TOTAL BLOOD PLASMA LIPIDS IN THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (3): 649-653. 1979. SFA 24(3)

71-002514 Dave, G.; Johansson-Sjobeck, M.-L.; Larsson, A.; Lewander, K. and Lidman, U. METABOLIC AND HEMATOLOGICAL EFFECTS OF STARVATION IN THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L.--III. FATTY ACID COMPOSITION. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (4): 509-515. 1976. SFA 22(1)

71-002515 Dave, G.; Lewander, K.; Johansson-Sjobeck, M.-L.; Larsson, A. and Lidman, U. EFFECTS OF CORTISOL ON THE FATTY ACID COMPOSITION EUROPEAN OF THE TOTAL BLOOD PLASMA LIPIDS IN THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(1):37-40. 1979. SFA 25(1)

71-002516 Davenport, J. and S. Lönning. OXYGEN UPTAKE IN DEVELOPING EGGS AND LARVAE OF THE COD, *GADUS MORHUA* L. *J. Fish Biol.* 16(3):249-256. Mar. 1980. SFA 25(3)

71-002517 Davenport, J.; Vahl, O. and Lonning, S. COLD RESISTANCE IN THE EGGS OF THE CAPELIN /MALLOTUS VILLOSUS/. *J. Mar. Biol. Assoc. U.K.* 59 (2): 443-453. May 1979. SFA 24(4)

71-002518 Davies, L. P. and Dowe, G. H. C. HIGH LEVELS OF BETA-ALANINE ASSOCIATED WITH THE CHOLINERGIC NEURONES OF /TORPEDO MARMORATA/ ELECTRIC LOBE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 58 (2): 111-112. 1977. SFA 23(2)

71-002519 Davies, L. P. and Dowe, G. H. C. AMINO ACIDS IN THE CNS AND ELECTROMOTOR SYSTEM OF /TORPEDO MARMORATA/: ASSOCIATION OF BETA-ALANINE WITH CHOLINERGIC CELLS OF THE ELECTRIC LOBE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62 (1): 107-113. 1979. SFA 24(2)

71-002520 Davies, P. M. C. and Massey, S. M. ENERGY CONVERSION EFFICIENCY IN FISH: THE INFLUENCE OF FOOD INTAKE AND TEMPERATURE ON K-LINES AT RATIONS CLOSE TO MAINTENANCE. *J. Comp. Physiol. B Metab. Transp. Funct.* 114 (2): 191-202. 1977. SFA 22(3)

71-002521 Davis, J. A. and Boyd, C. E. CONCENTRATIONS OF SELECTED ELEMENTS AND ASH IN BLUEGILL (/LEPOMIS MACROCHIRUS/) AND CERTAIN OTHER FRESHWATER FISH. *Trans. Am. Fish. Soc.* 107 (6): 862-867. Nov. 1978. SFA 24(2)

71-002522 Davis, J. A. VARIATION IN THE CHEMICAL COMPOSITION OF FRESHWATER FISH. *Ph.D. dissertation, Auburn Univ.* 68p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1110. Sept. 1978. SFA 24(1)

71-002523 Davis, K. B. and Simco, B. A. DIURNAL MEASUREMENTS OF PLASMA CHLORIDE IN CATFISH. *Copeia* 1976 (3): 608-609. Aug. 1976. SFA 21(3).

71-002524 Davis, K. B. and Goudie, C. A. EFFECT OF TEMPERATURE AND SALINITY ON MUSCLE CHLORIDE AND WATER DISTRIBUTION IN CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Tenn. Acad. Sci.* 52 (2): 73. Apr. 1977. SFA 22(3)

71-002525 Davis, R. E.; Morrell, J. I. and Pfaff, D. W. AUTORADIOGRAPHIC LOCALIZATION OF SEX STEROID-CONCENTRATING CELLS IN THE BRAIN OF THE TELEOST /MACROPODUS OPERCULARIS/ (OSTEICHTHYES: BELONTIIDAE). *Gen. Comp. Endocrinol.* 33 (4): 496-505. Dec. 1977. SFA 23(2)

71-002526 Davis, R. E.; Reynolds, R. C. and Ricks, A. SUPPRESSION BEHAVIOR INCREASED BY TELENCEPHALIC LESIONS IN THE TELEOST, /MACROPODUS OPERCULARIS/. *Behav. Biol.* 24 (1): 32-48. Sept. 1978. SFA 24(1)

71-002527 Davis, T. L. O. REPRODUCTIVE BIOLOGY OF THE FRESHWATER CATFISH, /TANDANUS TANDANUS/ MITCHELL, IN TEH GWYDIR RIVER, AUSTRALIA. I. STRUCTURE OF THE GONADS. *Aust. J. Mar. Freshwater Res.* 28 (2): 139-158. Apr. 1977. SFA 22(4)

71-002528 Davison, W. and Goldspink, G. THE EFFECT OF TRAINING ON THE SWIMMING MUSCLES OF THE GOLDFISH (/CARASSIUS AURATUS/). *J. Exp. Biol.* 74: 115-122. June 1978. SFA 23(4)

71-002529 Dawson, A. S. and A. S. Grimm. QUANTITATIVE SEASONAL CHANGES IN THE PROTEIN, LIPID AND ENERGY CONTENT OF THE CARCASS, OVARIES AND LIVER OF ADULT FEMALE PLAICE, *PLEURONECTES PLATESSA* L. *J. Fish Biol.* 16(5):493-504. May 1980. SFA 25(4)

71-002530 Daxboeck, C. and G. F. Holeton. THE EFFECT OF MS-222 ON THE HYPOXIC RESPONSE OF RAINBOW TROUT *(SALMO GAIRDNERI)*. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 65(2):117-121. 1980. SFA 25(3)

71-002531 Daxboeck, C. and Holeton, G. F. OXYGEN RECEPTORS IN THE RAINBOW TROUT, /SALMO GAIRDNERI/. *Can. J. Zool.* 56 (6): 1254-1259. June 1978. In English with French summ. SFA 23(4)

71-002532 Daye, P. G. and E. T. Garside. DEVELOPMENT, SURVIVAL, AND STRUCTURAL ALTERATIONS OF EMBRYOS AND ALEVINS OF ATLANTIC SALMON, *SALMO SALAR* L., CONTINUOUSLY EXPOSED TO ALKALINE LEVELS OF pH, FROM FERTILIZATION. *Can. J. Zool.* 58(3):369-377. Mar. 1980. In English with French summ. SFA 25(2)

71-002533 de Montalembert, G.; Jalabert, B. and Bry, C. PRECOCIOUS INDUCTION OF MATURATION AND OVULATION IN NORTHERN PIKE (/ESOX LUCIUS/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 969-975. 1978. SFA 24(1)

71-002534 de Renzis, G. THE BRANCHIAL CHLORIDE PUMP IN THE GOLDFISH /CARASSIUS AURATUS/: RELATIONSHIP BETWEEN CL-/HCO(3)- AND CL-/CL- EXCHANGES AND THE EFFECT OF THIOCYANATE. *J. Exp. Biol.* 63(3):587-602. Dec. 1975. 1975. SFA 22(2)

71-002535 De Ruiter, A. J. H. CHANGES IN GLOMERULAR STRUCTURE AFTER SEXUAL MATURATION AND SEAWATER ADAPTATION IN MALES OF THE EURYHALINE TELEOST *GASTEROSTEUS ACULEATUS* L. *Cell Tissue Res.* 206(1):1-20. Feb. 1980. SFA 25(2)

71-002536 De Vlaming, V. L.; Delahunty, G.; Prack, M. and Bauer, G. ESTRADIOL-17 BETA EFFECTS ON SERUM ORGANIC PO(4), CHOLESTEROL AND PROTEIN IN /CARASSIUS AURATUS/. *Copeia* 1979(4):749-751. 28 Nov. 1979. SFA 25(1)

71-002537 De Vlaming, V. EFFECTS OF PINEALECTOMY AND MELATONIN TREATMENT ON GROWTH IN THE GOLDFISH, *CARASSIUS AURATUS*. *Gen. Comp. Endocrinol.* 40(2):245-250. Feb. 1980. SFA 25(2)

71-002538 de Vlaming, V. L. and Paquette, G. PHOTOPERIOD AND TEMPERATURE EFFECTS ON GONADAL REGRESSION IN THE GOLDEN SHINER, /NOTEMIGONUS CRYSOLEUCAS/. *Copeia* 1977 (4): 793-797. 25 Nov. 1977. SFA 23(1)

71-002539 de Vlaming, V. L. and Shing, J. EFFECTS OF LONG-TERM EXPOSURE TO CONSTANT PHOTOPERIOD-TEMPERATURE REGIMES ON GONADAL ACTIVITY AND ENERGY RESERVES IN THE GOLDEN SHINER, /NOTEMIGONUS CRYSOLEUCAS/. *Copeia* 1977 (4): 774-777. 25 Nov. 1977. SFA 23(1)

71-002540 De Vlaming, V. L. and Vodicnik, M. J. EFFECTS OF PHOTOPERIOD-TEMPERATURE REGIMES ON PITUITARY GONADOTROPHS, PITUITARY GONADOTROPIN POTENCY AND HYPOTHALAMIC GONADOTROPIN RELEASING ACITIVITY IN THE TELEOST /NOTEMIGONUS CRYSOLEUCAS/. *J. Therm. Biol.* 1(2):119-125. Jan. 1976. SFA 23(4)

71-002541 De Vlaming, V. and Vodicnik, M. J. SEASONAL EFFECTS OF PINEALECTOMY ON GONADAL ACTIVITY IN THE GOLDFISH, /CARASSIUS AURATUS/. *Biol. Reprod.* 19(1):57-63. Aug. 1978. SFA 23(4)

71-002542 De Vlaming, V. L.; Vodicnik, M. J.; Meyer, R. A., Jr. and Meyer, M. H. THE EFFECT OF PINEALECTOMY ON SERUM K+ AND CL- LEVELS IN THE GOLDFISH, /CARASSIUS AURATUS/. *Gen. Comp. Endocrinol.* 37(1):131-133. Jan. 1979. SFA 24(3)

71-002543 de Vlaming, V. L. EFFECTS OF PHOTOPERIOD AND TEMPERATURE ON GONADAL ACTIVITY IN THE CYPRINID TELEOST, /NOTEMIGONUS CRYSOLEUCAS/. *Biol. Bull.* 148 (3): 402-415. June 1975. SFA 21(4).

71-002544 de Vlaming, V. L. and Vodicnik, M. J. DIURNAL VARIATIONS IN PITUITARY GONADOTROPIN CONTENT AND IN GONADAL RESPONSE TO EXOGENOUS GONADOTROPIN AND PROLACTIN IN /NOTEMIGONUS CRYSOLEUCAS/. *J. Fish Biol.* 10 (4): 371-383. Apr. 1977. SFA 22(3)

71-002545 de Vlaming, V. L. and Vodicnik, M. J. EFFECTS OF PINEALECTOMY ON PITUITARY GONATOTROPHS, PITUITARY GONADOTROPHIN POTENCY AND HYPOTHALAMIC GONADOTROPIN RELEASING ACTIVITY IN /NOTEMIGONUS CRYSOLEUCAS/. *J. Fish Biol.* 10 (1): 73-86. Jan. 1977. SFA 22(3)

71-002546 de Vlaming, V. L.; Shing, J.; Paquette, G. and Vuchs, R. /IN VIVO/ AND /IN VITRO/ EFFECTS OF OESTRADIOL-17BETA ON LIPID METABOLISM IN /NOTEMIGONUS CRYSOLEUCAS/. *J. Fish Biol.* 10 (3): 273-285. Mar. 1977. SFA 22(3)

71-002547 de Vlaming, V. L.; Sage, M. and Tiegs, R. A DIURNAL RHYTHM OF PITUITARY PROLACTIN ACTIVITY WITH DIURNAL EFFECTS OF MAMMALIAN AND TELEOSTEAN PROLACTIN ON TOTAL BODY LIPID DEPOSITION AND LIVER LIPID METABOLISM IN TELEOST FISHES. *J. Fish Biol.* 7 (6): 717-726. Nov. 1975. SFA 22(2)

71-002548 de Vlaming, V. L. and Pardo, R. J. /IN VITRO/ EFFECTS OF INSULIN ON LIVER LIPID AND CARBOHYDRATE METABOLISM IN THE TELEOST, /NOTEMIGONUS CRYSOLEUCAS/. *Comp. Biochem. Physiol. B. Comp. Biochem.* 51 (4): 489-497. Aug. 1975. SFA 22(1)

71-002549 de Vlaming, V. L.; Vodicnik, M. J.; Bauer, G.; Murphy, T. and Evans, D. ESTRADIOL-17BETA EFFECTS ON LIPID AND CARBOHYDRATE METABOLISM AND ON THE INDUCTION OF A YOLK PRECURSOR IN GOLDFISH, /CARASSIUS AURATUS/. *Life Sci.* 20 (12): 1945-1952. 15 June 1977. SFA 22(4)

71-002550 Dean, J. M. TEMPERATURE OF TISSUES IN FRESHWATER FISHES. *Trans. Am. Fish. Soc.* 105 (6): 709-711. Nov. 1976. SFA 22(1)

71-002551 Deftos, L. J.; D. W. Burton; W. B. Watkins and B. D. Catherwood. IMMUNOHISTOLOGICAL STUDIES OF ARTIODACTYL AND TELEOST PITUITARIES WITH ANTISERA TO CALCITONIN. *Gen. Comp. Endocrinol.* 42(1):9-18. Sept. 1980. SFA 25(4)

71-002552 Degnan, K. J. and Zadunaisky, J. A. OPEN-CIRCUIT SODIUM AND CHLORIDE FLUXES ACROSS ISOLATED OPERCULAR EPITHELIA FROM THE TELEOST /FUNDULUS HETEROCLITUS/. *J. Physiol. (Lond.)* 294:483-495. Sept. 1979. SFA 25(1)

71-002553 Dejours, P.; Toulmond, A. and Truchot, J. P. THE EFFECT OF HYPEROXIA ON THE BREATHING OF MARINE FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (4): 409-411. 1977. SFA 23(2)

71-002554 Delahunty, G. and V. L. De Vlaming. SEASONAL RELATIONSHIPS OF OVARY WEIGHT, LIVER WEIGHT AND FAT STORES WITH BODY WEIGHT IN THE GOLDFISH, *CARASSIUS AURATUS*. *J. Fish Biol.* 16(1):5-13. Jan. 1980. SFA 25(2)

71-002555 Delahunty, G. and V. L. De Vlaming. PHOTOPERIOD-TEMPERATURE INTERACTIONS ON LIVER AND PLASMA METABOLITES IN THE GOLDFISH, *CARASSIUS AURATUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(3):507-512. 1980. SFA 25(3)

71-002556 Delahunty, G. and De Vlaming, V. EFFECTS OF CONTINUOUS DARKNESS, OPTIC TRACT SECTION AND PINEALECTOMY ON SERUM METABOLITES IN /CARASSIUS AURATUS/. *Am. Zool.* 18(3):670. 1978. Abstract only. SFA 24(2)

71-002557 Delahunty, G. B. ENVIRONMENTAL EFFECTS ON THE METABOLISM OF *CARASSIUS AURATUS*: ROLE OF THE PINEAL ORGAN AND RETINAL PATHWAYS. *Ph.D. dissertation, Marquette Univ.* 139p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4082. Mar. 1980. SFA 25(2)

71-002558 Delahunty, G.; Schreck, C.; Specker, J.; Olcese, J.; Vodicnik, M. J. and De Vlaming, V. THE EFFECTS OF LIGHT RECEPTION ON CIRCULATING ESTROGEN LEVELS IN FEMALE GOLDFISH, /CARASSIUS AURATUS/: IMPORTANCE OF RETINAL PATHWAYS VERSUS THE PINEAL. *Gen. Comp. Endocrinol.* 38(2):148-152. June 1979. SFA 24(4)

71-002559 Delahunty, G.; C. B. Schreck and V. L. De Vlaming. EFFECTS OF PHOTOPERIOD ON PLASMA CORTICOID LEVELS IN THE GOLDFISH, *CARASSIUS AURATUS*--ROLE OF THE PINEAL. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(3):355-358. 1980. SFA 25(2)

71-002560 Delahunty, G.; Bauer, G.; Prack, M. and De Vlaming, V. EFFECTS OF PINEALECTOMY AND MELATONIN TREATMENT ON LIVER AND PLASMA METABOLITES IN THE GOLDFISH, /CARASSIUS AURATUS/. *Gen. Comp. Endocrinol.* 35(2):99-109. June 1978. SFA 23(4)

71-002561 DeLaney, R. G.; Shub, C. and Fishman, A. P. HEMATOLOGIC OBSERVATIONS ON THE AQUATIC AND ESTIVATING AFRICAN LUNGFISH, /PROTOPTERUS AETHIOPICUS/. *Copeia* 1976 (3): 423-434. Aug. 1976. SFA 21(3).

71-002562 Demski, L. S. and Stepien, C. A. LIGHT ORGAN DISPLAY EVOKED BY ELECTRICAL STIMULATION OF THE FISH BRAIN. *Am. Zool.* 18(3):587. 1978. Abstract only. SFA 24(2)

71-002563 Demski, L. S. ELECTRICAL STIMULATION OF THE SHARK BRAIN. *Am. Zool.* 17 (2): 487-500. 1977. SFA 22(4)

71-002564 Demski, L. S. NEUROANATOMICAL SUBSTRATES OF REPRODUCTIVE BEHAVIOR IN MALE SUNFISH (GENUS /LEPOMIS/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 831-836. 1978. SFA 24(1)

71-002565 Denis, H. and Wegnez, M. BIOCHEMICAL RESEARCH ON OOGENESIS. OOCYTES AND LIVER CELLS OF THE TELEOST FISH /TINCA TINCA/ CONTAIN DIFFERENT KINDS OF 5S RNA. *Dev. Biol.* 59 (2): 228-236. Sept. 1977. SFA 22(4)

71-002566 Denis, H.; B. Picard, M. Le Maire and J.-C. Clerot. BIOCHEMICAL RESEARCH ON OOGENESIS. THE STORAGE PARTICLES OF THE TELEOST FISH *TINCA TINCA*. *Dev. Biol.* 77(1):218-223. 1 June 1980. SFA 25(3)

71-002567 Denny, K. H. and Lane, H. C. PHYSIOLOGICAL MODIFICATIONS IN SPAWNING: PLASMA OSMOTIC PRESSURE AND TISSUE WATER IN TROUT. *J. Elisha Mitchell Sci. Soc.* 93(2):100. 1977. Abstract only. SFA 23(4)

71-002568 Denton, E. J. and J. A. B. Gray. RECEPTOR ACTIVITY IN THE UTRICULUS OF THE SPRAT. *J. Mar. Biol. Assoc. U.K.* 60(3):717-740. Aug. 1980. SFA 25(4)

71-002569 Denton, E. J.; Gray, J. A. B. and Blaxter, J. H. S. THE MECHANICS OF THE CLUPEID ACOUSTIC-LATERALIS SYSTEM: FREQUENCY RESPONSES. *J. Mar. Biol. Assoc. U.K.* 59 (1): 27-47. Feb. 1979. SFA 24(3)

71-002570 Denton, J. E. and Yousef, M. K. BODY COMPOSITION AND ORGAN WEIGHTS OF RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish Biol.* 8 (6): 489-499. June 1976. SFA 22(1)

71-002571 Denton, J. E. and Yousef, M. K. SEASONAL CHANGES IN HEMATOLOGY OF RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 51(1):151-153. May 1975. SFA 22(1)

71-002572 Dergaleva, Zh. T. and Shatunovskiy, M. I. DATA ON THE LIPID METABOLISM OF THE LARVAE AND YOUNG OF THE STRIPED BASS, /MORONE SAXATILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 802-804. 1978. SFA 24(1)

71-002573 Desai, A. K. DISTRIBUTION OF CHOLINESTERASE IN THE LIVER & STOMACH OF THE MIGRATORY FISH, /HILSA ILISHA/ & NON-MIGRATORY /HILSA TOLI/. *J. Anim. Morphol. Physiol.* 25(1/2):124-131. June-Dec. 1978. SFA 25(1)

71-002574 Dettlaff, T. A. and Davydova, S. I. DIFFERENTIAL SENSITIVITY OF CELLS OF FOLLICULAR EPITHELIUM AND OOCYTES IN THE STELLATE STURGION TO UNFAVORABLE CONDITIONS, AND CORRELATING INFLUENCE OF TRIIODOTHYRONINE. *Gen. Comp. Endocrinol.* 39(2):236-243. Oct. 1979. SFA 25(1)

71-002575 Devitsina, G. V. and Malyukina, G. A. THE FUNCTIONAL ORGANIZATION OF THE OLFACTORY ORGAN IN MACROSMATIC AND MICROSMATIC FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 432-440. 1977. SFA 23(3)

71-002576 Diana, J. S. and Mackay, W. C. TIMING AND MAGNITUDE OF ENERGY DEPOSITION AND LOSS IN THE BODY, LIVER, AND GONADS OF NORTHERN PIKE (/ESOX LUCIUS/). *J. Fish. Res. Board Can.* 36 (5): 481-487. May 1979. In English with French summ. SFA 24(3)

71-002577 Dickhoff, W. W.; Folmar, L. C. and Gorbman, A. CHANGES IN PLASMA THYROXINE DURING SMOLTIFICATION OF COHO SALMON, /ONCORHYNCHUS KISUTCH/. *Gen. Comp. Endocrinol.* 36 (2): 229-232. Oct. 1978. SFA 24(2)

71-002578 Dickhoff, W. W.; Folmar, L. C. and Gorbman, A. CHANGES IN THYROID HORMONES DURING THE EARLY DEVELOPMENT OF COHO SALMON, /ONCORHYNCHUS KISUTCH/. *Am. Zool.* 18 (3): 652. 1978. Abstract only. SFA 24(2)

71-002579 Dickhoff, W. W. and Gorbman, A. /IN VITRO/ THYROTROPIC EFFECT OF THE PITUITARY OF THE PACIFIC HAGFISH, /EPTATRETUS STOUTI/. *Gen. Comp. Endocrinol.* 31 (1): 75-79. Jan. 1977. SFA 22(3)

71-002580 Diener, D. R. HERMAPHRODITISM IN FISH: A COMPARATIVE STUDY OF THE REPRODUCTIVE BIOLOGY AND ENDOCRINOLOGY OF THE CALIFORNIA LABRIDAE. *Ph. D. dissertation, Univ. Calif. (San Diego)* 170p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-002581 Diener, D. R. PROTOGYNOUS HERMAPHRODITISM IN THE LABRID /DECODON MELASMA/. *Copeia* 1977 (3): 589-591. 25 Aug. 1977. SFA 22(4)

71-002582 DiMichele, L. and Taylor, M. H. THE EFFECTS OF SEVERAL DRUGS ON THE HATCHING OF /FUNDULUS HETEROCLITUS/. *Am. Zool.* 18 (3): 606. 1978. Abstract only. SFA 24(2)

71-002583 Dipper, F. A. and Pulin, R. S. V. GONOCHORISM AND SEX-INVERSION IN BRITISH LABRIDAE (PISCES). *J. Zool. (Lond.)* 187 (1): 97-112. Jan. 1979. SFA 24(2)

71-002584 Disler, N. N. and Smernov, S. A. SENSORY ORGANS OF THE LATERAL-LINE CANAL SYSTEM IN TWO PERCIDS AND THEIR IMPORTANCE IN BEHAVIOR. *J. Fish. Res. Board Can.* 34 (10): 1492-1503. Oct. 1977. In English with French summ. SFA 23(1)

71-002585 Dizon, A. E. and Brill, R. W. THERMOREGULATION IN TUNAS. *Am. Zool.* 19 (1): 249-265. 1979. SFA 24(3)

71-002586 Dizon, A. E. EFFECT OF DISSOLVED OXYGEN CONCENTRATION AND SALINITY ON SWIMMING SPEED OF TWO SPECIES OF TUNAS. *NOAA Fish. Bull.* 75 (3): 649-653. July 1977. SFA 23(1)

71-002587 Dizon, A. E.; Byles, T. C. and Stevens, E. D. PERCEPTION OF ABRUPT TEMPERATURE DECREASE BY RESTRAINED SKIPJACK TUNA, /KATSUWONUS PELAMIS/. *J. Therm. Biol.* 1 (3): 185-187. Apr. 1976. SFA 23(4)

71-002588 Dobbs, G. H. III and DeVries, A. L. RENAL FUNCTION IN ANTARCTIC TELEOST FISHES: SERUM AND URINE COMPOSITION. *Mar. Biol.* 29 (1): 59-70. 21 Feb. 1975. SFA 22(2)

71-002589 Dobson, S. and Dodd, J. M. ENDOCRINE CONTROL OF THE TESTIS IN THE DOGFISH /SCYLIORHINUS CANICULA/ L. I. EFFECTS OF PARTIAL HYPOPHYSECTOMY ON GRAVIMETRIC, HORMONAL AND BIOCHEMICAL ASPECTS OF TESTIS FUNCTION. *Gen. Comp. Endocrinol.* 32 (1): 41-52. May 1977. SFA 22(3)

71-002590 Dobson, S. and Dodd, J. M. ENDOCRINE CONTROL OF THE TESTIS IN THE DOGFISH /SCYLIORHINUS CANICULA/ L. II. HISTOLOGICAL AND ULTRASTRUCTURAL CHANGES IN THE TESTIS AFTER PARTIAL HYPOPHYSECTOMY (VENTRAL LOBECTOMY). *Gen. Comp. Endocrinol.* 32 (1): 53-71. May 1977. SFA 22(3)

71-002591 Dobson, S. and Dodd, J. M. THE ROLES OF TEMPERATURE AND PHOTOPERIOD IN THE RESPONSE OF THE TESTIS OF THE DOGFISH, /SCYLIORHINUS CANICULA/ L. TO PARTIAL HYPOPHYSECTOMY (VENTRAL LOBECTOMY). *Gen. Comp. Endocrinol.* 32 (1): 114-115. May 1977. SFA 22(3)

71-002592 Dodd, J. M.; M. H. I. Dodd and N. Jenkins. PRESENCE OF GONADOTROPHIN IN THE RACHENDACHHYPOPHYSE OF THE PITUITARY GLAND OF THE RABBIT FISH *HYDROLAGUS COLLIEI* (CHONDRICHTHYES: HOLOCEPHALI). *Gen. Comp. Endocrinol.* 40(3):342-343. Mar. 1980. Abstract only. SFA 25(2)

71-002593 Dolinin, V. A. MECHANISMS OF ENSURING GAS EXCHANGE IN FISH *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 649-657. 1975. SFA 21(3).

71-002594 Dolinin, V. A. MAIN PARAMETERS OF THE RESPIRATORY FUNCTION IN FISHES DURING ALTERATION IN RESPIRATORY ACTIVITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 124-132. 1975. SFA 21(2).

71-002595 Dolinin, V. A. THE REGULATORY MECHANISM OF THE RESPIRATORY RHYTHM IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 176-178. 1976. SFA 22(3)

71-002596 Donaldson, E. M.; Dye, H. M. and Wright B. F. THE EFFECT OF STORAGE CONDITIONS ON THE BIOLOGICAL ACTIVITY OF SALMON GONADOTROPIN. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 997-1000. 1978. SFA (24)1

71-002597 Donato, A.; Contini, A.; Giannetto, S. and Mauceri, A. ALCUNI ASPETTI DEL'OVOGENESI DEL TELEOSTEO /BELONE BELONE/ L. [SOME ASPECTS OF OOGENESIS IN A TELEOST, /BELONE BELONE/ L.] *Riv. Biol. Norm. Patol.* 4 (2): 41-62. 1978. In Italian with English summ. SFA 24(2)

71-002598 Dorfman, D. and Heyl, A. OCCURRENCE OF A HERMAPHRODITIC WHITE PERCH (/MORONE AMERICANA/). *Prog. Fish-Cult.* 38(1):45. Jan. 1976. SFA 21(1).

71-002599 Doroshev, S. I. and Cornacchia, J. W. INITIAL SWIM BLADDER INFLATION IN THE LARVAE OF /TILAPIA MOSSAMBICA/ (PETERS) AND /MORONE SAXATILIS/ (WALBAUM). *Aquaculture* 16 (1): 57-66. Jan. 1979. SFA 24(2)

71-002600 Doving, K. B. and Belghaug, R. FREQUENCY OF INDUCED WAVES IN THE OLFACTORY BULB IN CHAR (/SALMO ALPINUS/ L.); A TEMPERATURE DEPENDENCE. *Comp. Biochem. Physiol. A Comp. Physiol.* 56(4):577-579. 1977. SFA 22(3)

71-002601 Downs, R. A. CHROMATIN AND HISTONES IN THE ZEBRA FISH, /BRACHYDANIO RERIO/: TEMPLATE AVAILABILITY, HISTONES AND RNA SYNTHESIS DURING EARLY DEVELOPMENT. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 105p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1004. Sept. 1977. SFA 23(3)

71-002602 Doyle, W. L. CYTOLOGICAL CHANGES IN CHLORIDE CELLS FOLLOWING ALTERED IONIC MEDIA. *J. Exp. Zool.* 199(3):427-434. Mar. 1977. SFA 22(3)

71-002603 Dragomirov, N. I. and Nikol'skaya, M. P. GRADIENTS IN THE DEVELOPMENT OF THE SPIRACLE-BRANCHIAL ROW OF NEUROMASTS DURING ONTOGENESIS OF STURGEON. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 241 (1-6): 332-334. July-Aug. 1978. SFA 24(3)

71-002604 Drance, M. G.; Hollenberg, M. J.; Smith, M. and Wylie, V. HISTOLOGICAL CHANGES IN TROUT TESTIS PRODUCED BY INJECTIONS OF SALMON PITUITARY GONADOTROPIN. *Can. J. Zool.* 54(8):1285-1293. Aug. 1976. In English with French summ. SFA 21(4)

71-002605 Draper, L.; Beulig, A. and Dalezman, J. PHYSIOLOGICAL AND BEHAVIORAL RESPONSES TO SOCIAL STRESS IN THE BONNETHEAD SHARK /SPHYRNA TIBURO/. *Fla. Sci.* 42 (Suppl. 1): 28. 1979. Abstract only. SFA 24(3)

71-002606 Driedzic, W. and Roots, B. I. GLYCEROPHOSPHATIDE CONTENT AND COMPOSITION OF TROUT (/SALVELINUS FONTINALIS/ M.) BRAIN. *J. Therm. Biol.* 1 (1): 7-10. Oct. 1975. SFA 23(4)

71-002607 Driedzic, W. R.; Phleger, C. F.; Fields, J. H. A. and French, C. ALTERATIONS IN ENERGY METABOLISM ASSOCIATED WITH THE TRANSITION FROM WATER TO AIR BREATHING IN FISH. *Can. J. Zool.* 56 (4): 730-735. Apr. 1978. In English with French summ. SFA 23(3)

71-002608 Driedzic, W. R. and Kiceniuk, J. W. BLOOD LACTATE LEVELS IN FREE-SWIMMING RAINBOW TROUT (/SALMO GAIRDNERI/) BEFORE AND AFTER STRENUOUS EXERCISE RESULTING IN FATIGUE. *J. Fish. Res. Board Can.* 33(1):173-176. Jan. 1976. In English with French summ. SFA 21(1).

71-002609 Driedzic, W. R. and Hochachka, P. W. THE UNANSWERED QUESTION OF HIGH ANAEROBIC CAPABILITIES OF CARP WHITE MUSCLE. *Can. J. Zool.* 53 (6): 706-712. June 1975. In English with French summ. SFA 22(1)

71-002610 Driedzic, W.; Selivonchick, D. P. and Roots, B. I. ALK-1-ENYL EIGHER-CONTAINING LIPIDS OF GOLDFISH (/CARASSIUS AURATUS/ L.) BRAIN AND TEMPERATURE ACCLIMATION. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (3): 311-314. 1976. SFA 22(1)

71-002611 Dubois, M. P.; Billard, R. and Breton, B. USE OF IMMUNOFLUORESCENCE FOR LOCALIZATION OF SOMATOSTATIN-LIKE ANTIGEN IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). COMPARATIVE DISTRIBUTION OF LH-RF AND NEUROPHYSIN. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 843-850. 1978. SFA 24(1)

71-002612 Duman, J. G. and DeVries, A. L. ISOLATION, CHARACTERIZATION, AND PHYSICAL PROPERTIES OF PROTEIN ANTIFREEZES FROM THE WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (3): 375-380. 1976. SFA 22(1)

71-002613 Duman, J. G. and DeVries, A. L. THE ROLE OF MACROMOLECULAR ANTIFREEZES IN THE COLD WATER FISHES. *Comp. Biochem. Physiol. A Comp. Physiol. Physiol.* 52 (1): 193-199. Sept. 1975. SFA 22(1)

71-002614 Duman, J. G. THE ROLE OF MACROMOLECULAR ANTIFREEZE SOLUTES IN FREEZING RESISTANCE OF COLD WATER FISHES. *Ph.D. dissertation, Univ. Calif. (San Diego)* 114p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-002615 Dunant, Y.; L. Eder and L. Servetiadis-Hirt. ACETYLCHOLINE RELEASE EVOKED BY SINGLE OR A FEW NERVE IMPULSES IN THE ELECTRIC ORGAN OF *TORPEDO*. *J. Physiol. (Lond.)* 298:185-203. Jan. 1980. SFA 25(2)

71-002616 Durve, V. S. and sharma, M. S. OXYGEN REQUIREMENT OF THE EARLY STAGES OF THE MAJOR CARP /LABEO CALBASU/. *J. Anim. Morphol. Physiol.* 24 (2): 391-393. Dec. 1977. SFA 23(3)

71-002617 Dzhabarov, M. I. AN ELECTROPHORETIC STUDY OF THE BLOOD SERUM PROTEINS OF /CHALCALBURNUS CHALCOIDES/ AND /LUCIOPERCA LUCIOPERCA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 988-995. 1976. SFA 23(3)

71-002618 Eales, J. G. /IN VIVO/ DETERMINATION OF THYROXINE DEIODINATION RATE IN RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *Gen. Comp. Endocrinol.* 33 (4): 541-546. Dec. 1977. SFA 23(2)

71-002619 Eales, J. G. COMPARISON OF L-THYROXINE AND 3,5,3' TRIIODO-L-THYRONINE KINETICS IN FED AND STARVED RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (2): 295-300. 1979. SFA 24(2)

71-002620 Eales, J. G. USE OF THYROXINE- AND TRIIODOTHYRONINE-SPECIFIC ANTIBODIES TO STUDY THYROXINE KINETICS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Gen. Comp. Endocrinol.* 32 (1): 89-98. May 1977. SFA 22(3)

71-002621 Eaton, R. C. THE MAUTHNER NEURON SYSTEM IN EMBRYOS AND LARVAE OF THE ZEBRAFISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN): A NEW PREPARATION FOR STUDIES IN DEVELOPMENTAL NEUROBIOLOGY. *Ph.D. dissertation, Univ. Calif. (Riverside)* 121 p. 1974. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-002622 Eckstein, B.; Abraham, M. and Zohar, Y. PRODUCTION OF STEROID HORMONES BY MALE AND FEMALE GONADS OF /SPARUS AURATA/ (TELEOSTEI, SPARIDAE). *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (1): 93-97. 1978. SFA 23(3)

71-002623 Eddy, F. B. ACID-BASE BALANCE IN RAINBOW TROUT (/SALMO GAIRDNERI/) SUBJECTED TO ACID STRESSES. *J. Exp. Biol.* 64 (1): 159-171. Feb. 1976. SFA 22(1)

71-002624 Eddy, F. B. and R. N. Bath. IONIC REGULATION IN RAINBOW TROUT (*SALMO GAIRDNERI*) ADAPTED TO FRESH WATER AND DILUTE SEA WATER. *J. Exp. Biol.* 83:181-192. Dec. 1979. SFA 25(2)

71-002625 Eddy, F. B. and Eath, R. N. EFFECTS OF LANTHANUM ON SODIUM AND CHLORIDE FLUXES IN THE GOLDFISH /CARASSIUS AURATUS/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 129 (2): 145-149. 31 Jan. 1979. SFA 24(2)

71-002626 Eddy, F. B. OXYGEN UPTAKE BY RAINBOW TROUT BLOOD, /SALMO GAIRDNERI/. *J. Fish Biol.* 10 (1): 87-90. Jan. 1977. SFA 22(3)

71-002627 Eddy, F. B.; G. R. Smart and R. N. Bath. IONIC CONTENT OF MUSCLE AND URINE IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON KEPT IN WATER OF HIGH CO_2 CONTENT. *J. Fish Dis.* 2(2):105-110. Mar. 1979. SFA 25(2)

71-002628 Eddy, F. B.; Lomholt, J. P.; Weber, R. E. and Johansen, K. BLOOD RESPIRATORY PROPERTIES OF RAINBOW TROUT (/SALMO GAIRDNERI/) KEPT IN WATER OF HIGH CO(2) TENSION. *J. Exp. Biol.* 67: 37-47. Apr. 1977. SFA 22(3)

71-002629 Edsall, T. A. and Rottiors, D. V. TEMPERATURE TOLERANCE OF YOUNG-OF-THE-YEAR LAKE WHITEFISH, /COREGONUS CLUPEAFORMIS/. *J. Fish. Res. Board Can.* 33(1):177-180. Jan. 1976. In English with French summ. SFA 21(1).

71-002630 Edwards, S. C. and Larsen, J. B. CAUDAL NEUROSECRETORY SYSTEM OF THE ATLANTIC CROAKER, /MICROPOGON UNDULATUS/: EFFECTS OF EXTRACTS ON ACTIVE NA+ TRANSPORT ACROSS FROG SKIN. *Am. Zool.* 18(3):577. 1978. Abstract only. SFA 24(2)

71-002631 Eisele, T. A.; Nixon, J. E.; Pawlowski, N. E. and Sinnhuber, R. O. EFFECTS OF DIETARY CYCLOPROPENE FATTY ACIDS ON THE MIXED FUNCTION OXIDASE SYSTEM OF THE RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Environ. Pathol. Toxicol.* 1 (6): 773-778. July-Aug. 1978. SFA 24(1)

71-002632 Ekengren, B. and Terlou, M. HYPOTHALAMIC CENTERS AND INNERVATION OF THE HYPOPHYSIS IN THE ATLANTIC SALMON (/SALMO SALAR/) AND THE RAINBOW TROUT (/SALMO GAIRDNERI/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 837-842. 1978. SFA 24(1)

71-002633 Ekengren, B.; Lindahl, K. and Fridberg, G. IMMUNOCYTOLOGY AND INNERVATION OF THE GONADOTROPIC CELLS IN THE TELEOST FISH /RUTILUS RUTILUS/. *Acta Zool. (Stockh.)* 59 (2): 125-133. 1978. SFA 24(1)

71-002634 Ekengren, B.; Peute, J. and Fridberg, G. GONADOTROPIC CELLS IN THE ATLANTIC SALMON, /SALMO SALAR/. *Cell Tissue Res.* 191 (2): 187-203. 1978. SFA 23(4)

71-002635 El Hakeem, O. H. A LUNGFISH THAT SURVIVES OVER THREE AND HALF YEARS OF STARVATION UNDER AQUATIC CONDITIONS. *Zool. Anz.* 202 (1/2): 17-19. 1979. SFA 24(4)

71-002636 El-Shamy, F. M. ANALYSES OF GASTRIC EMPTYING IN BLUEGILL (/LEPOMIS MACROCHIRUS/). *J. Fish. Res. Board Can.* 33 (7): 1630-1633. July 1976. In English with French summ. SFA 21(3).

71-002637 Elcombe, C. R. and Lech, J. J. INDUCTION AND CHARACTERIZATION OF HEMOPROTEIN(S) P-450 AND MONOOXYGENATION IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Toxicol. Appl. Pharmacol.* 49 (3): 437-450. July 1979. SFA 24(4)

71-002638 Elliott, J. M. ENERGY LOSSES IN THE WASTE PRODUCTS OF BROWN TROUT (/SALMO TRUTTA/ L.). *J. Anim. Ecol.* 45 (2): 561-580. June 1976. SFA 22(3)

71-002639 Elliott, J. M. THE ENERGETICS OF FEEDING, METABOLISM AND GROWTH OF BROWN TROUT (SALMO TRUTTA/ L.) IN RELATION TO BODY WEIGHT, WATER TEMPERATURE AND RATION SIZE. *J. Anim. Ecol.* 45 (3): 923-946. Oct. 1976. SFA 22(3)

71-002640 Elliott, J. M. BODY COMPOSITION OF BROWN TROUT (/SALMO TRUTTA/ L.) IN RELATION TO TEMPERATURE AND RATION SIZE. *J. Anim. Ecol.* 45(1):273-289. Feb. 1976. SFA 22(3)

71-002641 Ellis, A. E. THE LEUCOCYTES OF FISH: A REVIEW. *J. Fish Biol.* 11 (5): 453-491. Nov. 1977. SFA 23(1)

71-002642 Emmersen, J.; Korsgaard, B. and Petersen, I. DOSE RESPONSE KINETICS OF SERUM VITELLOGENIN, LIVER DNA, RNA, PROTEIN AND LIPID AFTER INDUCTION BY ESTRADIO-17BETA IN MALE FLOUNDERS (/PLATICHTHYS FLESUS/ L.). *Comp. Biochem. Physiol. B Comp. Physiol.* 63 (1): 1-6. 1979. SFA 24(3)

71-002643 Epler, P. and Bieniarz, K. /IN VITRO/ OVULATION OF EUROPEAN EEL (/ANGUILLA ANGUILLA/ L.) OOCYTES FOLLOWING /IN VIVO/ STIMULATION OF SEXUAL MATURATION. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 991-995. F1978. SFA 24(1)

71-002644 Epler, P; E. Marosz and K. Bieniarz. EFFECT OF TELEOST PITUITARY GONADOTROPINS ON THE IN VITRO MATURATION OF CARP OOCYTES. *Aquaculture* 18(4):379-382. Dec. 1979. SFA 25(2)

71-002645 Epple, A. and J. J. Kocsis. THE EFFECTS OF PANCREATECTOMY ON TISSUE TAURINE OF THE AMERICAN EEL UNDER VARYING OSMOTIC AND NUTRITIONAL CONDITIONS. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(1):139-142. 1980. SFA 25(2)

71-002646 Epple, A. and Lewis, T. L. THE EFFECT OF PANCREATECTOMY ON THE SURVIVAL OF /ANGUILLA ROSTRATA/ IN DIFFERENT SALINITIES. *J. Exp. Zool.* 193(3):457-462. Sept. 1975. SFA 22(2)

71-002647 Epple, A. and Lewis, T. L. METABOLIC EFFECTS OF PANCREATECTOMY AND HYPOPHYSECTOMY IN THE YELLOW AMERICAN EEL, /ANGUILLA ROSTRATA/ LESUEUR. *Gen. Comp. Endocrinol.* 32 (3): 294-315. July 1977. SFA 22(4)

71-002648 Epstein, F. H.; Silva, P.; Forrest, J. N. and Solomon, R. J. CHLORIDE TRANSPORT AND ITS INHIBITION BY THIOCYANATE IN GILLS OF SEAWATER TELEOSTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (4): 681-683. Dec. 1975. SFA 22(1)

71-002649 Erskine, D. J. and Spotila, J. R. HEAT-ENERGY-BUDGET ANALYSIS AND HEAT TRANSFER IN THE LARGEMOUTH BLACKBASS (/MICROPTERUS SALMOIDES/). *Physiol. Zool.* 50 (3): 157-169. July 1977. SFA 22(4)

71-002650 Etessami, S. and I. Pousty. LE PANCRÉAS INTRAHÉPATIQUE CHEZ *SPARUS DATNIA* (HAM. BUCH.), UN SPARIDAE DU GOLFE PERSIQUE. [THE INTRAHEPATIC PANCREAS, IN *SPARUS DATNIA* (HAM. BUCH.), A SPARIDAE FROM THE PERSIAN GULF] *C.R. Seances Soc. Biol. Fil.* 173(5):861-865. 29 Feb. 1979. In French with English summ. SFA 25(3)

71-002651 Ethridge, L. and Benjamin, M. THE TIME-SEQUENCE OF RESPONSE OF THE PROLACTIN CELLS OF THE FRESHWATER TELEOST, /POECILIA RETICULATA/, TO AN ALTERED ENVIRONMENTAL SALINITY. *Cell Tissue Res.* 182 (3): 371-382. 1977. SFA 23(1)

71-002652 Evans, D. H. IONIC EXCHANGE MECHANISMS IN FISH GILLS. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (3): 491-495. July 1975. SFA 22(1)

71-002653 Evans, D. H.; Kormanik, G. A. and Krasny, E. J., Jr. MECHANISMS OF AMMONIA AND ACID EXTRUSION BY THE LITTLE SKATE, /RAJA ERINACEA/. *J. Exp. Zool.* 208 (3): 431-437. June 1979. SFA 24(4)

71-002654 Evans, D. O. SEASONAL CHANGES IN STANDARD METABOLISM, UPPER AND LOWER THERMAL TOLERANCE AND THERMOREGULATORY BEHAVIOUR OF THE PUMPKINSEED, /LEPOMIS GIBBOSUS/ (LINNAEUS). *Ph.D. dissertation, Univ. Toronto* 1977. From Diss. Abstr. Int. B Sci. Eng. 39(7):3189. Jan. 1979. SFA 24(2)

71-002655 Evans, R. E. and Hara, T. J. HISTOCHEMICAL LOCALIZATION OF PHOSPHOLIPIDS IN THE OLFACTORY EPITHELIUM OF FISH. *Can. J. Zool.* 55 (5): 776-781. May 1977. In English with French summ. SFA 22(3)

71-002656 Evans, R. M. ONSET AND RATE OF DRINKING IN RAINBOW TROUT (/SALMO GAIRDNERI/) FOLLOWING TRANSFER TO DILUTE SEAWATER. *Can. J. Zool.* 57(10):1863-1865. Oct. 1979. In English with French summ. SFA 25(1)

71-002657 Eveloff, J.; M. Field; R. Kinne and H. Murer. SODIUM-COTRANSPORT SYSTEMS IN INTESTINE AND KIDNEY OF THE WINTER FLOUNDER. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 135(2):175-182. 1980. SFA 25(2)

71-002658 Ewing, R. D.; C. A. Fustish; S. L. Johnson and H. J. Pribble. SEAWARD MIGRATION OF JUVENILE CHINOOK SALMON WITHOUT ELEVATED GILL (Na+K)-ATPase ACTIVITIES. *Trans. Am. Fish. Soc.* 109(4):349-356. July 1980. SFA 25(4)

71-002659 Ewing, R. D.; H. J. Pribble; S. L. Johnson; C. A. Fustish; J. Diamond and J. A. Lichatowich. INFLUENCE OF SIZE, GROWTH RATE, AND PHOTOPERIOD ON CYCLIC CHANGES IN GILL (Na + K)-ATPase ACTIVITY IN CHINOOK SALMON (*ONCORHYNCHUS TSHAWYTSCHA*). *Can. J. Fish. Aquatic Sci.* 37(4):600-605. Apr. 1980. SFA 25(2)

71-002660 Ewing, R. D.; Pribble, H. J.; Johnson, S. L. and Lichatowich, J. A.
TEMPERATURE AND PHOTOPERIOD EFFECTS ON GILL (NA + K)-ATPASE ACTIVITY IN CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/). *J. Fish. Res. Board Can.* 36(11):1347-1353. Nov. 1979. In English with French summ. SFA 25(1)

71-002661 Fagan, J. A. and Fitzpatrick, L. C. ALLOCATION OF SECONDARY PRODUCTION TO GROWTH AND REPRODUCTION BY GIZZARD SHAD /DOROSOMA CEPEDIANUM/ (CLUPEIDAE) IN LAKE LEWISVILLE, TEXAS. *Southwest. Nat.* 23 (2): 247-262. 20 Mar. 1978. SFA 23(4)

71-002662 Fahmy, F. K. SOME ASPECTS OF TEMPERATURE ACCLIMATION IN THE BROOK TROUT (/SALVELINUS FONTINALIS/, MITCHILL). *Ph.D. dissertation, Univ. Toronto (Canada)* 1974. From Diss. Abst. Int. B Sci. Eng. 37(12), 1977. SFA 22(4)

71-002663 Fal'ge, R. and Shpannkhof, L. AMYLASE, ESTERASE AND PROTEASE ACTIVITY IN THE GUT CONTENTS OF THE RAINBOW TROUT /SALMO GAIRDNERI/ AFTER FEEDING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 672-677. 1976. SFA 23(1)

71-002664 Fange, R. ACID AND ALKALINE PHOSPHATASES IN THE LYMPHOMYELOID TISSUES OF ELASMOBRANCH FISH. *J. Mar. Biol. Assoc. U. K.* 58 (3): 727-730. Aug, 1978. SFA 23(4)

71-002665 Fange, R. and Johansson-Sjobeck, M.-L. THE EFFECT OF SPLENECTOMY OF THE HEMATOLOGY AND ON THE ACTIVITY OF DELTA-AMINOLEVULINIC ACID DEHYDRATASE (ALA-D) IN HEMOPOIETIC TISSUES OF THE DOGFISH, /SCYLIORHINUS CANICULA/ (ELASMOBRANCHII/). *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (4): 577-580. Dec. 1975. SFA 22(1)

71-002666 Fange, R.; Lidman, U. and Larsson, A. COMPARATIVE STUDIES OF INORGANIC SUBSTANCES IN THE BLOOD OF FISHES FROM THE SCAGERAC SEA. *J. Fish Biol.* 8(6):441-448. June 1976. SFA 22(1)

71-002667 Farbu, T. and Lambertsen, G. UBIQUINONE ANALYSES IN FISH TISSUES AND IN SOME MARINE INVERTEBRATES. *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (3): 395-397. 1979. SFA 24(4)

71-002668 Farkas, T.; Csengeri, I.; Majoros, F. and Olah, J. METABOLISM OF FATTY ACIDS IN FISH. II. BIOSYNTHESIS OF FATTY ACIDS IN RELATION TO DIET IN THE CARP, /CYPRINUS CARPIO/ LINNAEUS 1758. *Aquaculture* 14 (1): 57-65. May 1978. SFA 23(4)

71-002669 Farkas, T.; Csengeri, I.; Majoros, F. and Olah, J. METABOLISM OF FATTY ACIDS IN FISH. I. DEVELOPMENT OF ESSENTIAL FATTY ACID DEFICIENCY IN THE CARP, /CYPRINUS CARPIO/ LINNAEUS 1758. *Aquaculture* 11 (2): 147-157. June 1977. SFA 22(4)

71-002670 Farkas, T.; I. Csengeri; F. Majoros and J. Oláh. METABOLISM OF FATTY ACIDS IN FISH. III. COMBINED EFFECT OF ENVIRONMENTAL TEMPERATURE AND DIET ON FORMATION AND DEPOSITION OF FATTY ACIDS IN THE CARP, *CYPRINUS CARPIO* LINNAEUS 1758. *Aquaculture* 20(1):29-40. May 1980. SFA 25(3)

71-002671 Farlinger, S. and Beamish, F. W. H. CHANGES IN BLOOD CHEMISTRY AND CRITICAL SWIMMING SPEED OF LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/, WITH PHYSICAL CONDITIONING. *Trans. Am. Fish. Soc.* 107 (4): 523-527. July 1978. SFA 24(1)

71-002672 Farmer, G. J.; Ritter, J. A. and Ashfield, D. SEAWATER ADAPTATION AND PARR-SMOLT TRANSFORMATION OF JUVENILE ATLANTIC SALMON, /SALMO SALAR/. *J. Fish. Res. Board Can.* 35 (1): 93-100. Jan. 1978. In English with French summ. SFA 23(2)

71-002673 Farmer, M. CO(2) AND FISH HEMOGLOBINS: THE HALDANE EFFECT VS. THE BOHR EFFECT. *Am. Zool.* 18 (3): 593. 1978. Abstract only. SFA 24(2)

71-002674 Farmer, S. W.; Papkoff, H.; Bewley, T. A.; Hayashida, T.; Nishioka, R. S.; Bern, H. A. and Li, C. H. ISOLATION AND PROPERTIES OF TELEOST PROLACTIN. *Gen. Comp. Endocrinol.* 31 (1): 60-71. Jan. 1977. SFA 22(3)

71-002675 Farr, E. J. and Savage, G. E. FIRST- AND SECOND-ORDER CONDITIONING IN GOLDFISH AND THEIR RELATION TO THE TELENCEPHALON. *Behav. Biol.* 22 (1): 50-59. Jan. 1978. SFA 23(2)

71-002676 Farrell, A. P. THE WIND-KESSEL EFFECT OF THE BULBUS ARTERIOSUS IN TROUT. *J. Exp. Zool.* 209(1):169-173. July 1979. SFA 24(4)

71-002677 Farrell, A. P. GILL BLOOD FLOW IN TELEOSTS. *Ph.D. dissertation, Univ. British Columbia* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5167. May 1980. SFA 25(3)

71-002678 Farrell, A. P. CARDIOVASCULAR EVENTS ASSOCIATED WITH AIR BREATHING IN TWO TELEOSTS, /HOPLERYTHRINUS UNITAENIATUS/ AND /ARAPAIMA GIGAS/. *Can. J. Zool.* 56 (4): 953-958. Apr. 1978. In English with French summ. SFA 23(3)

71-002679 Farrell, A. P.; Daxboeck, C. and Randall, D. J. THE EFFECT OF INPUT PRESSURE AND FLOW ON THE PATTERN AND RESISTANCE TO FLOW IN THE ISOLATED PERFUSED GILL OF A TELEOST FISH. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 133(3):233-240. 1979. SFA 25(1)

71-002680 Fauconneau, B. and Luquet, P. INFLUENCE D'UNE ELEVATION DE TEMPERATURE SUR L'EVOLUTION DE DE L'AMINOACIDEMIE ET DE L'AMMONIEMIE APRES LE REPAS CHEZ LA TRUITE ARC EN CIEL (/SALMO GAIRDNERI/ R.). [EFFECT OF TEMPERATURE RISE ON BLOOD AMINOACIDS AND AMMONIA IN RAINBOW TROUT (/SALMO GAIRDNERI/ R.) AFTER FEEDING.] *Ann. Biol. Anim. Biochim. Biophys.* 19(4):1063-1079. 1979. In French with English summ. SFA 25(1)

71-002681 Fay, R. R. and Olsho, L. RESPONSE PATTERNS OF NEURONS IN THE LAGENAR BRANCH OF THE GOLDFISH AUDITORY NERVE. *J. Acoust. Soc. Am.* 61 (Suppl. 1): 59. 1977. SFA 22(3)

71-002682 Fay, R. R. CODING OF INFORMATION IN SINGLE AUDITORY-NERVE FIBERS OF THE GOLDFISH. *J. Acoust. Soc. Am.* 63 (1): 136-146. Jan. 1978. SFA 23(2)

71-002683 Febinger, D. L. OVERWINTERING AND ENERGY SOURCES FOR FISHES IN A COLORADO MOUNTAIN STREAM. *J. Colo.-Wyo. Acad. Sci.* 12(1):16. Apr. 1980. Abstract only. SFA 25(2)

71-002684 Fedorov, K. Ye. REACTION OF STIMULATION OF OOCYTE MATURATION OUTSIDE THE BODY OF THE FEMALE RUFFE, /ACERINA CERNUA/, AS A WAY OF TESTING FISH GONADOTROPINS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 277-283. 1977. SFA 23(3)

71-002685 Fedorov, K. Ye. and Smirnova, Zh. V. PARTIAL PURIFICATION OF PINK SALMON (/ONCORHYNCHUS GORBUSCHA/) GONADOTROPIN. *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1024-1027. 1976. SFA 23(3)

71-002686 Fedorova, L. S. PHYSIOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF THE REPRODUCTIVE PRODUCTS AND LARVAE OF STURGEONS DURING ARTIFICIAL REARING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):427-436. 1976. SFA 22(4)

71-002687 Feldmeth, C. R. and Baskin, J. N. THERMAL AND REPIRATORY STUDIES WITH REFERENCE TO TEMPERATURE AND OXYGEN TOLERANCE FOR THE UNARMORED STICKLEBACK /GASTEROSTEUS ACULEATUS WILLIAMSONI/ HUBBS. *Bull. South. Calif. Acad. Sci.* 75 (2): 127-131. Aug. 1976. SFA 22(2)

71-002688 Feldt, W. and Melzer, M. KONZENTRATIONSFAKTOREN DER ELEMENTE KOBALT, MANGAN, EISEN, ZINK UND SILBER FUER FISCHE. [CONCENTRATION FACTORS OF THE ELEMENTS COBALT, MANGANESE, IRON, ZINC AND SILVER FOR FISH.] *Arch. Fischereiwiss.* 29 (1/2): 105-112. June 1978. In German with English summ. SFA 23(4)

71-002689 Feng, A. S. and Bullock, T. H. NEURONAL MECHANISMS FOR OBJECT DISCRIMINATION IN THE WEAKLY ELECTRIC FISH /EIGENMANNIA VIRESCENS/. *J. Exp. Biol.* 66: 141-158. Feb. 1977. SFA 22(3)

71-002690 Ferraro, S. P. EMBRYONIC DEVELOPMENT OF ATLANTIC MENHADEN, *BREVOORTIA TYRANNUS*, AND A FISH EMBRYO AGE ESTIMATION METHOD. *NOAA Fish. Bull.* 77(4):943-949. 1980. SFA 25(4)

71-002691 Fickeisen, D. H. and Brown, G. W., Jr. D-AMINO ACID OXIDASE IN VARIOUS FISHES. *J. Fish Biol.* 10(5):457-465. May 1977. SFA 22(3)

71-002692 Fields, J. H. A.; Driedzic, W. R.; French, C. J. and Hochachka, P. W. KINETIC PROPERTIES OF GLUTAMATE DEHYDROGENASE FROM THE GILLS OF /ARAPAIMA GIGAS/ AND /OSTEOGLOSSUM BICIRRHOSUM/. *Can. J. Zool.* 56 (4): 809-813. Apr. 1978. In English with French summ. SFA 23(3)

71-002693 Fields, J. H. A.; Driedzic, W. R.; French, C. J. and Hochachka, P. W. SOME KINETIC PROPERTIES OF SKELETAL MUSCLE PYRUVATE KINASE FROM AIR-BREATHING AND WATER-BREATHING FISH OF THE AMAZON. *Can. J. Zool.* 56 (4): 751-758. Apr. 1978. In English with French summ. SFA 23(3)

71-002694 Fields, R. D. and G. D. Lange. ELECTRORECEPTION IN THE RATFISH (*HYDROLAGUS COLLIEI*). *Science* 207(4430):547-548. 1 Feb. 1980. SFA 25(2)

71-002695 Fineman, R.; Hamilton, J. and Chase, G. REPRODUCTIVE PERFORMANCE OF MALE AND FEMALE PHENOTYPES IN THREE SEX CHROMOSOMAL GENOTYPES (XX, XY, YY) IN THE KILLIFISH, /ORYZIAS LATIPES/. *J. Exp. Biol.* 192 (3): 349-354. June 1975. SFA 22(2)

71-002696 Fisher, W. K. and Thompson, E. O. P. MYOGLOBIN OF THE SHARK /HETERODONTUS PORTUSJACKSONI/: ISOLATION AND AMINO ACID SEQUENCE. *Aust. J. Biol. Sci.* 32(3):277-294. June 1979. SFA 25(1)

71-002697 Fisher, W. K.; D. D. Koureas and E. O. P. Thompson. MYOGLOBINS OF CARTILAGINOUS FISHES. II. ISOLATION AND AMINO ACID SEQUENCE OF MYOGLOBIN OF THE SHARK *MUSTELUS ANTARCTICUS*. *Aust. J. Biol. Sci.* 33(2):153-167. May 1980. SFA 25(4)

71-002698 Fisher, W. K.; Nash, A. R. and Thompson, E. O. P. HAEMOGLOBINS IN THE SHARK, /HETERODONTUS PORTUSJACKSONI/ III. AMINO ACID SEQUENCE OF THE BETA-CHAIN. *Aust. J. Biol. Sci.* 30 (6): 487-506. Dec. 1977. SFA 23(2)

71-002699 Fishman, R. B. STUDIES OF OPTOKINETIC BEHAVIOR AND RELATED OCULOMOTOR STRUCTURES IN THE EMBRYONIC AND ADULT GOBIID FISH, /BATHYGOBIUS SOPORATOR/. *Ph.D. dissertation, City Univ. New York* 230p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3510. Feb. 1978. SFA 23(3)

71-002700 Fivizzani, A. J., Jr. ENVIRONMENTAL AND HORMONAL REGULATION OF SEASONAL CONDITIONS IN THE GULF KILLIFISH, /FUNDULUS GRANDIS/. *Ph.D. dissertation, La. State Univ. Agric. Mech. Coll.* 113p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(12):5773. June 1978. SFA 23(4)

71-002701 Fivizzani, A. J. and Meier, A. H. TEMPORAL SYNERGISM OF CORTISOL AND PROLACTIN INFLUENCES SALINITY PREFERENCE OF GULF KILLIFISH, /FUNDULUS GRANDIS/. *Can. J. Zool.* 56 (12): 2597-2602. Dec. 1978. In English with French summ. SFA 24(2)

71-002702 Flegler, C. ELECTRON MICROSCOPIC STUDIES ON THE DEVELOPMENT OF THE CHORION OF THE VIVIPAROUS TELEOST /DERMOGENYS PUSILLUS/ (HEMIRHAMPHIDAE). *Cell Tissue Res.* 179 (2): 255-270. 1977. SFA 22(3)

71-002703 Flerova, G. I. and Gdovskiy, P. A. THE RATE OF PROPAGATION OF A STIMULUS THROUGH THE OLFACTORY NERVE FIBERS AND THE RESPONSES ELICITED IN THE RHINENCEPHALON OF FISHES UNDER CHANGING TEMPERATURE CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 106-112. 1976. SFA 22(3)

71-002704 Fletcher, C. R. OSMOTIC AND IONIC REGULATION IN THE COD (/GADUS CALLARIAS/ L.). II. SALT BALANCE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 157-168. 1978. SFA 23(3)

71-002705 Fletcher, C. R. OSMOTIC AND IONIC REGULATION IN THE COD (/GADUS CALLARIAS/ L.). I. WATER BALANCE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 149-155. 1978. SFA 23(3)

71-002706 Fletcher, C. R. POTENTIAL DEPENDENCE OF SODIUM FLUXES ACROSS THE GILLS OF MARINE TELEOSTS. *J. Comp. Physiol. B Metab. Transp. Funct.* 117 (3): 277-289. 1977. SFA 22(4)

71-002707 Fletcher, D. J.; Noe, B. D. and Hunt, E. L. EFFECTS OF HEXOSES ON INSULIN BIOSYNTHESIS, CONTENT, AND RELEASE IN CHANNEL CATFISH ISLETS. *Gen. Comp. Endocrinol.* 35 (2): 121-126. June 1978. SFA 23(4)

71-002708 Fletcher, D. J.; Noe, B. D. and Hunt, E. L. STUDIES ON INSULIN BIOSYNTHESIS IN THE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Gen. Comp. Endocrinol.* 35 (2): 127-132. June 1978. SFA 23(4)

71-002709 Fletcher, G. L. THE EFFECTS OF HYPOPHYSECTOMY AND PITUITARY REPLACEMENT ON THE PLASMA FREEZING POINT DEPRESSION, CL^{-}, GLUCOSE AND PROTEIN ANTI-FREEZE IN THE WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/). *Comp. Biochem. Physiol. A Comp. Physiol.* 63(4):535-537. 1979. SFA 25(1)

71-002710 Fletcher, G. L. and J. C. Smith. EVIDENCE FOR PERMANENT POPULATION DIFFERENCES IN THE ANNUAL CYCLE OF PASMA "ANTIFREEZE" LEVELS OF WINTER FLOUNDER. *Can. J. Zool.* 58(4):507-512. Apr. 1980. In English with French summ. SFA 25(3)

71-002711 Fletcher, G. L. and King, M. J. SEASONAL DYNAMICS OF CU^{2}+, ZN^{2}+, CA^{2}+, AND MG^{2}+ IN GONADS AND LIVER OF WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/): EVIDENCE FOR SUMMER STORAGE OF ZN^{2}+ FOR WINTER GONAD DEVELOPMENT IN FEMALES. *Can. J. Zool.* 56(2):284-290. Feb. 1978. In English with French summ. SFA 23(3)

71-002712 Fletcher, G. L. and King, M. J. COPPER, ZINC, CALCIUM, MAGNESIUM AND PHOSPHATE IN THE GONADS AND LIVERS OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) DURING SPAWNING MIGRATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 127-130. 1978. SFA 23(4)

71-002713 Fletcher, G. L. THE EFFECTS OF CAPTURE, "STRESS," AND STORAGE OF WHOLE BLOOD ON THE RED BLOOD CELLS, PLASMA PROTEINS, GLUCOSE, AND ELECTROLYTES OF THE WINTER FLOUNDER, (/PSEUDOPLEURONECTES AMERICANUS/). *Can. J. Zool.* 53 (2): 197-206. Feb. 1975. In English with French summ. SFA 22(1)

71-002714 Fletcher, G. L. CIRCANNUAL CYCLES OF BLOOD PLASMA FREEZING POINT AND NA+ AND CL- CONCENTRATIONS IN NEWFOUNDLAND WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/): CORRELATION WITH WATER TEMPERATURE AND PHOTOPERIOD. *Can. J. Zool.* 55(5):789-795. May 1977. In English with French summ. SFA 22(3)

71-002715 Fletcher, P. E. and G. L. Fletcher. ZINC- AND COPPER-BINDING PROTEINS IN THE PLASMA OF WINTER FLOUNDER (*PSEUDOPLEURONECTES AMERICANUS*). *Can. J. Zool.* 58(4):609-613. Apr. 1980. In English with French summ. SFA 25(3)

71-002716 Fletcher, P. E. and Fletcher, G. L. THE BINDING OF ZINC TO THE PLASMA OF WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/): AFFINITY AND SPECIFICITY. *Can. J. Zool.* 56 (1): 114-120. Jan. 1978. In English with French summ. SFA 23(2)

71-002717 Fletcher, T. C.; A. W. Thomson and B. A. Baldo. EFFECTS OF LUMPSUCKER (*CYCLOPTERUS LUMPUS L.*) C-REACTIVE PROTEIN ON DNA SYNTHESIS IN CULTURED MURINE AND FISH LEUCOCYTES.*Comp. Biochem. Physiol. B. Comp. Biochem.* 67(1):127-131. 1980. SFA 25(4)

71-002718 Flowerdew, M. W. and Grove, D. J. SOME OBSERVATIONS OF THE EFFECTS OF BODY WEIGHT, TEMPERATURE, MEAL SIZE AND QUALITY ON GASTRIC EMPTYING TIME IN THE TURBOT, /SCOPHTHALMUS MAXIMUS/ (L.) USING RADIOGRAPHY. *J. Fish Biol.* 14 (3): 229-238. Mar. 1979. SFA 24(3)

71-002719 Fluck, R. A.; A. J. Wynshaw-Boris and L. M. Schneider. CHOLINERGIC MOLECULES MODIFY THE *IN VITRO* BEHAVIOR OF CELLS FROM EARLY EMBRYOS OF THE MEDAKA *ORYZIAS LATIPES*, A TELEOST FISH. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 67(1):29-34. 1980. SFA 25(4)

71-002720 Follenius, E. and M. P. Dubois. ANTI-α-ENDORPHIN- AND ANTI-MET-ENKEPHALIN-POSITIVE PATHWAYS IN THE BRAIN AND PITUITARY OF CARP. *Gen. Comp. Endocrinol.* 40(3):353. Mar. 1980. Abstract only. SFA 25(2)

71-002721 Follenius, E. and Dubois, M. P. LOCALISATION IMMUNOCYTOLOGIQUE DE PEPTIDES ANALOGUES A L'ALPHA-ENDORPHINE DANS CERTAINS NEURONES DU NOYAU LATERAL DU TUBER DE /CARASSIUS AURATUS/ L. ET /CYPRINUS CARPIO/ L. [IMMUNOCYTOLOGICAL LOCALIZATION OF PEPTIDES SIMILAR TO ALPHA-ENDORPHIN IN NEURONS OF THE NUCLEUS LATERALIS TUBERIS OF /CARASSIUS AURATUS/ L. AND /CYPRINUS CARPIO/ L.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 285 (10): 1065-1068. 24 Oct. 1977. In French with English summ. SFA 23(2)

71-002722 Follenius, E. and Dubois, M. P. DISTRIBUTION OF FIBRES REACTING WITH AN ALPHA-ENDORPHIN ANTISERUM IN THE NEUROHYPOPHYSIS OF /CARASSIUS AURATUS/ AND /CYPRINUS CARPIO/. *Cell Tissue Res.* 189 (2): 251-256. 1978. SFA 23(4)

71-002723 Follenius, E. and Dubois, M. P. IMMUNOCYTOLOGICAL DETECTION AND LOCALIZATION OF A PEPTIDE REACTING WITH AN ALPHA-ENDORPHIN ANTISERUM IN THE CORTICOTROPIC AND MELANOTROPIC CELLS OF THE TROUT PITUITARY (/SALMO IRIDEUS/ GIBB). *Cell Tissue Res.* 188 (2): 273-283. 17 Apr. 1978. SFA 23(3)

71-002724 Folmar, L. C. and Dickhoff, W. W. PLASMA THYROXINE AND GILL NA+ -K+ ATPASE CHANGES DURING SEAWATER ACCLIMATION OF COHO SALMON, /ONCORHYNCHUS KISUTCH/. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(3):329-332. 1979. SFA 24(4)

71-002725 Folmar, L. C. and W. W. Dickhoff. THE PARR-SMOLT TRANSFORMATION (SMOLTIFICATION) AND SEAWATER ADAPTATION IN SALMONIDS. A REVIEW OF SELECTED LITERATURE. *Aquaculture* 21(1):1-37. Sept. 1980. SFA 25(4)

71-002726 Folmar, L. C. and Dickhoff, W. W. SOME PHYSIOLOGICAL CHANGES DURING SMOLTIFICATION OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Am. Zool.* 18 (3): 606. 1978. Abstract only. SFA 24(2)

71-002727 Folmar, L. C. SOME PHYSIOLOGICAL CHANGES IN COHO SALMON [*ONCORHYNCHUS KISUTCH*] DURING SMOLTIFICATION AND SEAWATER ADAPTATION. *Ph.D. dissertation, Univ. Wash.* 163p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4048. Mar. 1980. SFA 25(2)

71-002728 Foltz, J. W. THE EFFECTS OF MEAL SIZE AND TEMPERATURE ON GASTRO-INTESTINAL MOTILITY AND ABSORPTION IN RAINBOW TROUT (/SALMO GAIRDNERI/) AND TILAPIA (/SAROTHERODON MOSSAMBICUS/). *Ph.D. dissertation, Univ. Colo.* 62p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3607. Feb. 1979. SFA 24(3)

71-002729 Fong, W. and O'Dor, R. K. D-MANNITOL INTERFERES WITH AMINO ACIDS ANALYSIS OF MARINE ORGANISMS. *J. Fish. Res. Board Can.* 36(9):1134-1137. Sept. 1979. In English with French summ. SFA 25(1)

71-002730 Fontain-Bertrand, E.; Salmon, C. and Fontain, Y. A. EFFET D'HORMONES GONADOTROPES, /IN VITRO/, SUR LA CONCENTRATION DE L'ADENOSINE MONOPHOSPHATE CYCLIQUE DANS L'OVAIRE DE L'ANGUILLE (/ANGUILLA ANGUILLA/ L.). [CYCLIC ADENOSINE MONOPHOSPHATE CONTENT IN THE OVARY OF THE EEL (/ANGUILLA ANGUILLA/ L.). EFFECT OF GONADOTROPIC HORMONES /IN VITRO/.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 805-811. 1978. SFA 24(1)

71-002731 Ford, D. S. and R. W. Gauldie. BLOOD GROUP ANTIGEN/ANTIBODY REACTIONS OF SOME NEW ZEALAND FISHES. *N.Z. J. Mar. Freshwater Res.* 13(2):273-276. 1979. SFA 25(2)

71-002732 Forster, R. P. and J. A. Hannafin. OSMOTIC AND CELL VOLUME REGULATION IN ATRIUM AND VENTRICLE OF THE ELASMOBRANCH SKATE, *RAJA ERINACEA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(4):445-451. 1980. SFA 25(3)

71-002733 Forster, R. P.; Hannafin, J. A. and Goldstein, L. OSMOREGULATORY ROLE OF AMINO ACIDS IN BRAIN OF THE ELASMOBRANCH, /RAJA ERINACEA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (1): 25-30. 1978. SFA 23(3)

71-002734 Fossat, B. and Lahlou, B. THE MECHANISM OF COUPLED TRANSPORT OF SODIUM AND CHLORIDE IN ISOLATED URINARY BLADDER OF THE TROUT. *J. Physiol. (Lond.)* 294:211-222. Sept. 1979. SFA 25(1)

71-002735 Foster, R. C. RENAL HYDROMINERAL METABOLISM IN STARRY FLOUNDER, /PLATICHTHYS STELLATUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (2): 135-140. 1976. SFA 22(2)

71-002736 Fostier, A.; Weil, C.; Terqui, M.; Breton, B. and Jalabert, B. PLASMA ESTRADIOL-17 BETA AND GONADOTROPIN DURING OVULATION IN RAINBOW TROUT (/SALMO GAIRDNERI/ R.). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 929-936. 1978. SFA 24(1)

71-002737 Foucher, R. P. and R. J. Beamish. PRODUCTION OF NONVIABLE OOCYTES BY PACIFIC HAKE (*MERLUCCIUS PRODUCTUS*). *Can. J. Fish. Aquatic Sci.* 37(1):41-48. Jan. 1980. In English with French summ. SFA 25(2)

71-002738 Foucher, R. P. and Beamish, R. J. A REVIEW OF OOCYTE DEVELOPMENT IN FISHES WITH SPECIAL REFERENCE TO PACIFIC HAKE (/MERLUCCIUS PRODUCTUS/). *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 755. iv + 16p. Dec. 1977. In English with French summ. SFA 23(3)

71-002739 Fouchereau-Peron, M.; M. Laburthe; J. Besson; G. Rosselin and Y. Le Gal. CHARACTERIZATION OF THE VASOACTIVE INTESTINAL POLYPEPTIDE (VIP) IN THE GUT OF FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(4):489-492. 1980. SFA 25(3)

71-002740 Fouda, M. M. STUDIES ON SCALE REGENERATION IN THE COMMON GOBY, *POMATOSCHISTUS MICROPS* (PISCES). *J. Zool. (Lond.)* 189(4):503-522. Dec. 1979. SFA 25(2)

71-002741 Foulley, M.-M. and J. Mellinger. LA DIFFUSION DE L'EAU TRITÉE, DE L'URÉE-^{14}C ET D'AUTRES SUBSTANCES À TRAVERS LA COQUE DE L'OEUF DE ROUSSETTE, *SCYLIORHINUS CANICULA*. [DIFFUSION OF TRITIATED WATER, ^{14}C-UREA AND OTHER COMPOUNDS ACROSS THE EGG SHELL OF THE SMALL SPOTTED DOGFISH, *SCYLIORHINUS CANICULA*.] *C. R. Hebd. Séances Acad. Sci. Sér. D Sci. Nat.* 290(5):427-430. 4 Feb. 1980. In French with English summ. SFA 25(2)

71-002742 Fourie, F. le R. and van Vuren, J. H. J. A SEASONAL STUDY ON THE HEMOGLOBINS OF CARP (/CYPRINUS CARPIO/) AND YELLOWFISH (/BARBUS HOLUBI/) IN SOUTH AFRICA. *Comp. Biochem. Physiol. B. Comp. Biochem.* 55(4):523-525. 1976. SFA 22(1)

71-002743 Frankel, J. S. LACTATE DEHYDROGENASE ISOZYMES OF THE LEOPARD DANIO, *BRACHYDANIO NIGROFASCIATUS*: THEIR CHARACTERIZATION AND ONTOGENY. *Comp. Biochem. Physiol. B. Comp. Biochem.* 67(1):133-137. 1980. SFA 25(4)

71-002744 Frankel, J. S. LACTATE, SUPERNATANT MALATE AND ALCOHOL DEHYDROGENASE CHARACTERIZATION AND ONTOGENY IN THE TELEOST GENUS /BRACHYDANIO/. *Ph.D. dissertation, Rutgers Univ.* 167 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-002745 Freadman, M. A. ROLE PARTITIONING OF SWIMMING MUSCULATURE OF STRIPED BASS, /MORONE SAXATILIS/ WALBAUM AND BLUE FISH /POMATOMUS SALTATRIX/ L. *J. Fish Biol.* 15(4):417-423. Oct. 1979. SFA 25(1)

71-002746 Freadman, M. A. SWIMMING ENERGETICS OF STRIPED BASS (*MORONE SAXATILIS*) AND BLUEFISH (*POMATOMUS SALTATRIX*): GILL VENTILATION AND SWIMMING METABOLISM. *J. Exp. Biol.* 83:217-230. Dec. 1979. SFA 25(2)

71-002747 Freadman, M. A. SWIMMING ENERGETICS OF STRIPED BASS AND BLUEFISH. *Ph.D. dissertation, Univ. Mass.* 113p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3704. Feb. 1979. SFA 24(3)

71-002748 Freihofer, W. C.; Compagno, L. J. V. and Rogers, W. ADDITIONAL NOTES ON THE USE OF THE SIHLER TECHNIQUE OF STAINING NERVES OF SMALL, WHOLE SPECIMENS OF FISHES AND OTHER VERTEBRATES. *Copeia* 1977 (3): 587-588. 25 Aug. 1977. SFA 22(4)

71-002749 French, C. J. and Hochachka, P. W. LACTATE DEHYDROGENASE ISOZYMES FROM HEART AND WHITE MUSCLE OF WATER-BREATHING AND AIR-BREATHING FISH FROM THE AMAZON. *Can. J. Zool.* 56 (4): 769-773. Apr. 1978. In English with French summ. SFA 23(3)

71-002750 Fricke, H. and Fricke, S. MONOGAMY AND SEX CHANGE BY AGGRESSIVE DOMINANCE IN CORAL REEF FISH. *Nature* 266 (5605): 830-832. 28 Apr. 1977. SFA 23(4)

71-002751 Fridberg, G. and Ekengren, B. A PILOT STUDY ON THE LONG TERM ANATOMICAL EFFECTS OF ECTOMY OF THE UROPHYSIAL SYSTEM IN THE TELEOST FISH /RUTILUS RUTILUS/. *Acta Zool. (Stockh.)* 59 (3,4): 247-252. 1978. SFA 24(2)

71-002752 Fridberg, G. and Ekengren, B. THE VASCULARIZATION AND THE NEUROENDOCRINE PATHWAYS OF THE PITUITARY GLAND IN THE ATLANTIC SALMON, /SALMO SALAR/. *Can. J. Zool.* 55 (8): 1284-1296. Aug. 1977. In English with French summ. SFA 22(4)

71-002753 Friedlander, M. J. STRUCTURE AND FUNCTION OF THE VISUAL DIENCEPHALON OF THE TELEOST FISH, /MICROPTERUS SALMOIDES/. *Ph.D. dissertation, Univ. Ill.* 234p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):98. July 1978. SFA 23(4)

71-002754 Fryer, J. N. A RADIORECEPTOR ASSAY FOR PURIFIED TELEOST GROWTH HORMONE. *Gen. Comp. Endocrinol.* 39(2):123-130. Oct. 1979. SFA 25(1)

71-002755 Fryer, J. N. PROLACTIN-BINDING SITES IN TILAPIA (/SAROTHERODON MOSSAMBICUS/) KIDNEY. *Gen. Comp. Endocrinol.* 39(3):397-403. Nov. 1979. SFA 25(1)

71-002756 Fryer, J. N. and H. A. Bern. GROWTH HORMONE BINDING TO TISSUES OF NORMAL AND STUNTED JUVENILE COHO SALMON, *ONCORHYNCHUS KISUTCH*. *J. Fish Biol.* 15(5):527-533. Nov. 1979. SFA 25(2)

71-002757 Fryer, J. N. and Peter, R. E. HYPOTHALAMIC CONTROL OF ACTH SECRETION IN GOLDFISH. II. HYPOTHALAMIC LESIONING STUDIES. *Gen. Comp. Endocrinol.* 33 (2): 202-214. Oct. 1977. SFA 23(1)

71-002758 Fryer, J. N. and Peter, R. E. HYPOTHALAMIC CONTROL OF ACTH SECRETION IN GOLDFISH. I. CORTICOTROPHIN-RELEASING FACTOR ACTIVITY IN TELEOST BRAIN TISSUE EXTRACTS. *Gen. Comp. Endocrinol.* 33 (2): 196-201. Oct. 1977. SFA 23(1)

71-002759 Fryer, J. N. and Peter, R. E. HYPOTHALAMIC CONTROL OF ACTH SECRETION IN GOLDFISH. III. HYPOTHALAMIC CORTISOL IMPLANT STUDIES. *Gen. Comp. Endocrinol.* 33 (2): 215-225. Oct. 1977. SFA 23(1)

71-002760 Fryer, J. N. STRESS AND ADRENOCORTICOSTEROID DYNAMICS IN THE GOLDFISH, /CARASSIUS AURATUS/. *Can. J. Zool.* 53 (8): 1012-1020. Aug. 1975. In English with French summ. SFA 22(1)

71-002761 Fryer, J. N.; Nishioka, R. S. and Bern, H. A. SOMATOSTATIN INHIBITION OF TELEOST GROWTH HORMONE SECRETION. *Gen. Comp. Endocrinol.* 39(2):244-246. Oct. 1979. SFA 25(1)

71-002762 Fryer, J. N.; Woo, N. Y. S.; Gunther, R. L. and Bern, H. A. EFFECT OF UROPHYSIAL HOMOGENATES ON PLASMA ION LEVELS IN /GILLICHTHYS MIRABILIS/ (TELEOSTEI: GOBIIDAE). *Gen. Comp. Endocrinol.* 35 (3): 238-244. July 1978. SFA 23(4)

71-002763 Fugelli, K. and Zachariassen, K. E. THE DISTRIBUTION OF TAURINE, GAMA-AMINOBUTYRIC ACID AND INORGANIC IONS BETWEEN PLASMA AND ERYTHROCYTES IN FLOUNDER (/PLATICHTHYS FLESUS/) AT DIFFERENT PLASMA OSMOLALITIES. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (2): 173-177. 1976. SFA 22(2)

71-002764 Fuld, H. M. and Perlmutter, A. THE HISTOLOGICAL EFFECTS OF "CROWDING FACTORS" ON THE THYROID GLAND IN THE ZEBRAFISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN). *Am. Zool.* 18 (3): 652. 1978. Abstract only. SFA 24(2)

71-002765 Fuld, H. M. THE HISTOLOGICAL EFFECTS OF "CROWDING FACTORS" ON SOME POTENTIAL TARGET ORGANS IN THE ZEBRAFISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN). *Ph.D. dissertation, N.Y. Univ.* 179p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):3695. Dec. 1978. SFA 24(2)

71-002766 Fursa, T. I. CUTLASSFISH (/LEPTURACANTHUS SAVALA/ [TRICHIURIDAE, PISCES]) LARVAE IN THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(5):760-764. 1975. SFA 22(1)

71-002767 Fursa, T. I. LARVAE OF /CHAMPSODON CAPENSIS/ (CHAMPSODONTIDAE, PISCES) FROM THE ARABIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 444-447. 1974. SFA 21(2).

71-002768 Furukawa, K.; K. Seki; S. Yazawa and O. Hosomi. STUDIES ON SECRETOR SPECIFIC H ANTIGEN OF WATER-SOLUBLE BLOOD GROUP SUBSTANCES. I. FINDINGS OF ANTI-H(Se) PRECIPITIN IN EEL SERA. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 55(9):451-455. Nov. 1979. SFA 25(4)

71-002769 Grün, G. FURTHER EVIDENCE FOR VISUAL CELL INDEPENDENT LIGHT EFFECT ON RETINA DEVELOPMENT IN *TILAPIA LEUCOSTICTA* (TELEOSTEI). *J. Exp. Zool.* 211(3):415-417. Mar. 1980. SFA 25(3)

71-002770 Galis, F. and Smit, H. HYPOXIA TOLERANCE OF TWO CLOSELY RELATED /HAPLOCHROMIS/ SPECIES (PISCES: CICHLIDAE): /HAPLOCHROMIS ELEGANS/ TREWAVAS, 1933 AND /H. ANGUSTIFRONS/ BOULENGER, 1914. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(1):137-139. 1979. SFA 25(1)

71-002771 Galli-Gallardo, S. M.; Marusic, E. T. and Pang, P. K. T. STUDIES ON THE STANNIUS CORPUSCLES OF THE CHILEAN CLINGFISH, /SICYASES SANGUINEUS/. *Gen. Comp. Endocrinol.* 32 (3): 316-320. July 1977. SFA 22(4)

1-002772 Gallis, J.-L.; Lasserre, P. and Belloc, F. FRESHWATER ADAPTATION N THE EURYHALINE TELEOST, /CHELON LABROSUS/. I. EFFECTS OF ADAPTATION, PROLACTIN, CORTISOL AND ACTINOMYCIN D ON PLASMA OSMOTIC BALANCE AND (NA+ - K+)ATPASE IN GILL AND KIDNEY. *Gen. Comp. Endocrinol.* 38(1):1-10. May 1979. FA 24(4)

71-002773 Gallis, J.-L.; Belloc, F.; Lasserre, P. and Boisseau, J. FRESHWATER ADAPTATION IN THE EURYHALINE TELEOST, /CHELON LABROSUS/. II. EFFECTS OF CONTINUANCE OF ADAPTATION, CORTISOL TREATMENT, AND ENVIRONMENTAL CALCIUM ON WATER INFLUX IN ISOLATED GILL. *Gen. Comp. Endocrinol.* 38(1):11-20. May 1979. SFA 24(4)

71-002774 Gallis, J.-L.; F. Belloc and C. Beauvie. FRESHWATER ADAPTATION IN THE EURYHALINE TELEOST, *CHELON LABROSUS*--IV. CHANGES OF DNA AND PROTEIN CONTENTS, RNA/DNA RATIO AND ACID PHOSPHATASE ACTIVITY IN THE BRANCHIAL TISSUE. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(1):69-76. 1980. SFA 25(4)

71-002775 Gardiner, D. M. UTILIZATION OF EXTRACELLULAR GLUCOSE BY SPERMATOZOA OF TWO VIVIPAROUS FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (2): 165-168. 1978. SFA 23(3)

71-002776 Gardiner, D. M. THE ORIGIN AND FATE OF SPERMATOPHORES IN THE VIVIPAROUS TELEOST /CYMATOGASTER AGGREGATA/ (PERCIFORMES: EMBIOTOCIDAE). *J. Morphol.* 155 (2): 157-172. Feb. 1978. SFA 23(2)

71-002777 Gardiner, D. M. INTRAOVARIAN STORAGE OF SPERMATOZOA IN THE VIVIPAROUS TELEOST /CYMATOGASTER AGGREGATA/ GIBBONS (PERCIFORMES: EMBIOTOCIDAE). *Ph.D. dissertation, Univ. Calif. (San Diego)* 127 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-002778 Gardner, M. L. G. A REVIEW OF FACTORS WHICH MAY INFLUENCE THE SEA-AGE AND MATURATION OF ATLANTIC SALMON /SALMO SALAR/ L. *J. Fish Biol.* 9 (4): 289-327. Oct. 1976. SFA 22(2)

71-002779 Garlick, W. S. and Terwilliger, R. C. THE LACTATE DEHYDROGENASE ISOZYMES OF SIX SPECIES OF COTTID FISHES. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (3): 261-266. 1978. SFA 23(4)

71-002780 Gatesoupe, F. J.; Leger, C.; Boudon, M.; Metailler, R. and Luquet, P. ALIMENTATION LIPIDIQUE DU TURBOT (/SCOPHTHALMUS MAXIMUS/ L.). II. INFLUENCE DE LA SUPPLEMENTATION EN ESTERS METHYLIQUES DE L'ACIDE LINOLENIQUE ET DE LA COMPLEMENTATION EN ACIDES GRAS DE LA SERIE W 9 SUR LA CROISSANCE. [LIPID FEEDING OF TURBOT (/SCOPHTHALMUS MAXIMUS/ L.). II. INFLUENCE ON GROWTH OF SUPPLEMENTATION WITH METHYL ESTERS OF LINOLENIC ACID AND FATTY ACIDS OF THE W9 SERIES.] *Ann. Hydrobiol.* 8 (2): 247-254. 1977. In French with English summ. SFA 23(1)

71-002781 Gatesoupe, F. J.; Leger, C.; Metailler, R. and Luquet, P. ALIMENTATION LIPIDIQUE DU TURBOT (/SCOPHTHALMUS MAXIMUS/ L.) I. INFLUENCE DE LA LONGUEUR DE CHAINE DES ACIDES GRAS DE LA SERIE W3. [LIPID FEEDING OF TURBOT (/SCOPHTHALMUS MAXIMUS/ L.). I. INFLUENCE OF THE CHAIN LENGTH OF FATTY ACIDS OF THE OMEGA (3) SERIES.] *Ann. Hydrobiol.* 8(1):89-97. 1977. In French with English summ. SFA 22(4)

71-002782 Gaudet, M.; Racicot, J.-G. and Leray, C. ENZYME ACTIVITIES OF PLASMA AND SELECTED TISSUES IN RAINBOW TROUT /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 7 (4): 505-512. July 1975. SFA 22(2)

71-002783 Gauldie, R. W. and Nathan, A. IRON CONTENT OF THE OTOLITHS OF TARAKIHI (TELEOSTEI: CHEILODACTYLIDAE). *N.Z. J. Mar. Freshwater Res.* 11 (2): 179-191. June 1977. SFA 23(2)

71-002784 Gauldie, R. W. and Smith, P. J. THE ADAPTATION OF CELLULOSE ACETATE ELECTROPHORESIS TO FISH ENZYMES. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (3): 421-425. 1978. SFA 24(2)

71-002785 Gauldie, R. W.; Purnell, D. and Robertson, D. A. SOME BIOCHEMICAL SIMILARITIES AND DIFFERENCES BETWEEN TWO JACK MACKEREL SPECIES, /TRACHURUS DECLIVIS/ AND /T. NOVAEZELANDIAE/. *Comp. Biochem. Physiol. B Comp. Biochem.* 58 (4): 389-391. 1977. SFA 23(2)

71-002786 Gazaryan, K. G. and Khung, N. M. TRANSPLANTATION OF NUCLEI OF SOMATIC CELLS INTO EGGS OF BONY FISHES SUCH AS THE LOACH, /MISGURNUS FOSSILIS/ L. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSR Ser. Biol.)* 240 (1-6): 203-205. Nov. 1978. SFA 24(2)

71-002787 Gee, J. H. and Gee, P. A. ALTERATION OF BUOYANCY BY SOME CENTRAL AMERICAN STREAM FISHES, AND A COMPARISON WITH NORTH AMERICAN SPECIES. *Can. J. Zool.* 54 (3): 386-391. Mar. 1976. In English with French summ. SFA 22(1)

71-002788 Gee, J. H.; Tallman, R. F. and Smart, H. J. REACTIONS OF SOME GREAT PLAINS FISHES TO PROGRESSIVE HYPOXIA. *Can. J. Zool.* 56 (9): 1962-1966. Sept. 1978. In English with French summ. SFA 24(1)

71-002789 Gehlbach, F. R.; Bryan, C. L. and Reno, H. A. THERMAL ECOLOGICAL FEATURES OF /CYPRINODON ELEGANS/ AND /GAMBUSIA NOBILIS/, ENDANGERED TEXAS FISHES. *Tex. J. Sci.* 30(1):99-101. Mar. 1978. SFA 23(2)

71-002790 Gemelli, L.; G. Martino and B. Tota. OXIDATION OF LACTATE IN THE COMPACT AND SPONGY MYOCARDIUM OF TUNA FISH (*THUNNUS THYNNUS THYNNUS* L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):321-326. 1980. SFA 25(2)

71-002791 Gerald, V. M. THE EFFECT OF SIZE ON THE CONSUMPTION ABSORPTION AND CONVERSION OF FOOD IN /OPHIOCEPHALUS PUNCTATUS/ BLOCH. *Hydrobiologia* 49 (1): 77-85. Apr. 1976. SFA 21(4)

71-002792 Gerald, V. M. THE EFFECT OF TEMPERATURE ON THE CONSUMPTION, ABSORPTION AND CONVERSION OF FOOD IN /OPHIOCEPHALUS PUNCTATUS/ BLOCH. *Hydrobiologia* 49 (1): 87-93. Apr. 1976. SFA 21(4)

71-002793 Geraudie, J. and Singer, M. NERVE DEPENDENT MACROMOLECULAR SYNTHESIS IN THE PECTORAL FIN REGENERATE OF THE FISH, /FUNDULUS/. *J. Exp. Zool.* 208(3):281-286. June 1979. SFA 24(4)

71-002794 Geraudie, J. and Singer, M. RELATION BETWEEN NERVE FIBER NUMBER AND PECTORAL FIN REGENERATION IN THE TELEOST. *J. Exp. Zool.* 199 (1): 1-8. Jan. 1977. SFA 22(3)

71-002795 Gerday, Ch.; Collin, S. and Piront, A. PHYLOGENETIC RELATIONSHIPS BETWEEN CYPRINIDAE PARVALBUMINS.--II. THE AMINO ACID SEQUENCE OF THE PARVALBUMIN V OF CHUB (/LEUCISCUS CEPHALUS/ L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (3): 451-457. 1978. SFA 24(2)

71-002796 Gerking, S. D. and R. M. Lee. REPRODUCTIVE PERFORMANCE OF THE DESERT PUPFISH (*CYPRINODON N. NEVADENSIS*) IN RELATION TO SALINITY. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:35. 30 Jan. 1980. Abstract only. SFA 25(3)

71-002797 Gerking, S. D.; Lee, R. and Shrode, J. B. EFFECTS OF GENERATION-LONG TEMPERATURE ACCLIMATION ON REPRODUCTIVE PERFORMANCE OF THE DESERT PUPFISH, /CYPRINODON N. NEVADENSIS/. *Physiol. Zool.* 52 (2): 113-121. Apr. 1979. SFA 24(3)

71-002798 Gern, W. A.; Owens, D. W. and Ralph, C. L. PERSISTENCE OF THE NYCHTHEMERAL RHYTHM OF MELATONIN SECRETION IN PINEALECTOMIZED OR OPTIC TRACT-SECTIONED TROUT (/SALMO GAIRDNERI/). *J. Exp. Zool.* 205 (3): 371-376. Sept. 1978. SFA 23(4)

71-002799 Gesser, H. and Poupa, O. EFFECTS OF DIFFERENT TYPES OF ACIDOSIS AND CA^{2}+ ON CARDIAC CONTRACTILITY IN THE FLOUNDER (/PLEURONECTES FLESUS/). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 131(4):293-296. 5 July 1979. SFA 24(4)

71-002800 Gesser, H. THE EFFECTS OF HYPOXIA AND REOXYGENATION ON FORCE DEVELOPMENT IN MYOCARDIA OF CARP AND RAINBOW TROUT: PROTECTIVE EFFECTS OF CO(2)/HCO(3)-. *J. Exp. Biol.* 69:199-206. Aug. 1977. SFA 23(1)

71-002801 Gewirtz, D. A. STUDIES ON THE INTERMEDIARY COMPLEXES OF SODIUM-POTASSIUM DEPENDENT ADENOSINETRIPHOSPHATASE FROM EEL ELECTRIC ORGAN. *Ph.D. dissertation, City Univ. N.Y.* 146p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(9):4088. Mar. 1978. SFA 23(3)

71-002802 Gharrett, A. J.; Simon, R. C. and McIntyre, J. D. REASSOCIATION AND HYBRIDIZATION PROPERTIES OF DNAS FROM SEVERAL SPECIES OF FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (1): 81-85. 1977. SFA 22(1)

71-002803 Ghosh, A. N. and Pandit, P. K. A NOTE ON THE SALINITY TOLERANCE OF COMMON CARP, /CYPRINUS CARPIO/ LINN. UNDER INDIAN CONDITIONS. *J. Inland Fish. Soc. India* 8: 115-116. Dec. 1976. SFA 24(3)

71-002804 Ghosh, A. N.; Ghosh, S. R. and Sarkar, N. N. ON THE SALINITY TOLERANCE OF FRY AND FINGERLINGS OF INDIAN MAJOR CARPS. *J. Inland Fish. Soc. India* 5:215-217. Dec. 1973. SFA 24(3)

71-002805 Gildberg, A. and Raa, J. SOLUBILITY AND ENZYMATIC SOLUBILIZATION OF MUSCLE AND SKIN OF CAPELIN (/MALLOTUS VILLOSUS/) AT DIFFERENT PH AND TEMPERATURE. *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (3): 309-314. 1979. SFA 24(4)

71-002806 Giles, M. A. and D. J. Randall. OXYGENATION CHARACTERISTICS OF THE POLYMORPHIC HEMOGLOBINS OF COHO SALMON (*ONCORHYNCHUS KISUTCH*) AT DIFFERENT DEVELOPMENTAL STAGES. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(3):265-271. 1980. SFA 25(2)

71-002807 Giles, M. A. and Vanstone, W. E. CHANGES IN OUABAIN-SENSITIVE ADENOSINE TRIPHOSPHATASE ACTIVITY IN GILL OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) DURING PARR-SMOLT TRANSFORMATION. *J. Fish. Res. Board Can.* 33(1):54-62. Jan. 1976. In English with French summ. SFA 21(1).

71-002808 Giles, M. A. and Vanstone, W. E. ONTOGENETIC VARIATION IN THE MULTIPLE HEMOGLOBINS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND EFFECT OF ENVIRONMENTAL FACTORS ON THEIR EXPRESSION. *J. Fish. Res. Board Can.* 33 (5): 1144-1149. May 1976. In English with French summ. SFA 21(2).

71-002809 Gilkey, J. C. THE ROLE OF CALCIUM IN ACTIVIATION OF MEDAKA EGGS. *Ph.D. dissertation, Purdue Univ.* 117p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):502. Aug. 1978. SFA 24(3)

71-002810 Gill, V. E.; Burford, G. D.; Lederis, K. and Zimmerman, E. A. AN IMMUNOCYTOCHEMICAL INVESTIGATION FOR ARGININE VASOTOCIN AND NEUROPHYSIN IN THE PITUITARY GLAND AND THE CAUDAL NEUROSECRETORY SYSTEM OF /CATOSTOMUS COMMERSONI/. *Gen. Comp. Endocrinol.* 32 (4): 505-511. Aug. 1977. SFA 23(1)

71-002811 Gillet, C.; Billard, R. and Breton, B. EFFETS DE LA TEMPERATURE SUR LE TAUX DE GONADOTROPINE PLASMATIQUE ET LA SPERMATOGENESE DU POISSON ROUGE /CARASSIUS AURATUS/. [EFFECTS OF TEMPERATURE ON THE RATE OF PLASMA GONADOTROPIN AND SPERMATOGENESIS IN THE GOLDFISH /CARASSIUS AURATUS/.] *Can. J. Zool.* 55 (1): 242-245. Jan 1977. In French with English summ. SFA 22(4)

71-002812 Gillet, C.; Breton, B. and Billard, R. SEASONAL EFFECTS OF EXPOSURE TO TEMPERATURE AND PHOTOPERIOD REGIMES ON GONAD GROWTH AND PLASMA GONADOTROPIN IN GOLDFISH (/CARASSIUS AURATUS/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1045-1049. 1978. SFA 24(1)

71-002813 Gingerich, W. H.; Weber, L. J. and Larson, R. E. HEPATIC ACCUMULATION, METABOLISM AND BILIARY EXCRETION OF SULFOBROMOPHTHALEIN BY RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 58 (2): 113-120. 1977. SFA 23(2)

71-002814 Giovane, A.; G. Greco; A. Maresca and B. Tota. MYOGLOBIN IN THE HEART VENTRICLE OF TUNA AND OTHER FISHES. *Experientia (Basel)* 36(2):219-220. 15 Feb. 1980. SFA 25(2)

71-002815 Girard, J.-P. and Payan, P. KINETIC ANALYSIS OF SODIUM AND CHLORIDE INFLUXES ACROSS THE GILLS OF THE TROUT IN FRESH WATER. *J. Physiol.* 237(1):195-209. Dec. 1977. SFA 23(1)

71-002816 Girard, J.-P. and Payan, P. ACTION DE L'ADRENALINE SUR LES FLUX ENTRANTS DE NA+ ET CL- CHEZ LA TRUITE (/SALMO GAIRDNERI/) ADAPTEE A L'EAU DE MER. [EFFECT OF ADRENALINE ON NA+ AND CL- INFLUXES IN TROUT (/SALMO GAIRDNERI/) ADAPTED TO SEA WATER.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 285(10):1057-1060. 24 Oct. 1977. In French with English summ. SFA 23(2)

71-002817 Girin, M. and Devauchelle, N. DECALAGE DE LA PERIODE DE REPRODUCTION PAR RACCOURCISSEMENT DES CYCLES PHOTOPERIODIQUE ET THERMIQUE CHEZ DES POISSONS MARINS. [SHIFT IN THE REPRODUCTION PERIOD OF SALT-WATER FISH USING SHORTENED PHOTOPERIOD AND TEMPERATURE CYCLES.] *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1059-1065. 1978. In French with English summ. SFA 24(1)

71-002818 Glazova, T. N. PHYSIOLOGICAL AND BIOCHEMICAL BLOOD CHARACTERISTICS OF SOME SPECIES OF TROPICAL FISH FROM THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 95-105. 1976. SFA 22(3)

71-002819 Goddard, C. I. THE EFFECT OF PHOTOPERIOD ON THE SEASONAL FLUCTUATIONS OF THE BROOK TROUT. *Ph. D. dissertation, York Univ. (Canada)* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2486. Dec. 1979. SFA 25(2)

71-002820 Goetz, F. W. and Bergman, H. L. THE IN VITRO EFFECTS OF MAMMALIAN AND PISCINE GONADOTROPIN AND PITUITARY PREPARATIONS ON FINAL MATURATION IN YELLOW PERCH (/PERCA FLAVESCENS/) AND WALLEYE (/STIZOSTEDION VITREUM/). *Can. J. Zool.* 56(2):348-350. Feb. 1978. In English with French summ. SFA 23(3)

71-002821 Goetz, F. W. and Bergman, H. L. THE EFFECTS OF STEROIDS ON FINAL MATURATION AND OVULATION OF OOCYTES FROM BROOK TROUT (/SALVELINUS FONTINALIS/) AND YELLOW PERCH (/PERCA FLAVESCENS/). *Biol. Reprod.* 18 (2): 293-298. Mar. 1978. SFA 23(3)

71-002822 Goetz, F. W., Jr.; Hoffman, R. A. and Pancoe, W. L. A SURGICAL OPERATING APPARATUS FOR FISH AND ITS USE IN THE PINEALECTOMY OF SALMONIDS. *J. Fish Biol.* 10 (3): 287-290. Mar. 1977. SFA 22(3)

71-002823 Goh, Y. and Tamura, T. THE ELECTRICAL RESPONSES OF THE OLFACTORY TRACT TO AMINO ACIDS IN CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 341-344. Apr. 1978. SFA 23(4)

71-002824 Goldstein, L. and Boyd, T. A. REGULATION OF BETA-ALANINE TRANSPORT IN SKATE (/RAJA ERINACEA/) ERYTHROCYTES. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (3): 319-325. 1978. SFA 23(4)

71-002825 Golovanenko, L. F.; Shuvatova, T. F. and Arakelova, A. L. QUALITATIVE EVALUATION OF THE SEXUAL PRODUCTS OF THE BREAM (/ABRAMIS BRAMA/) FROM BIOCHEMICAL AND HISTOLOGICAL INDICATORS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 499-502. 1975. SFA 21(4)

71-002826 Golovanenko, L. F. and Shuvatova, T. F. SOME PHYSIOLOGICAL INDICATORS OF THE AZOV PIKE-PERCH (/LUCIOPERCA LUCIOPERCA/) FROM DIFFERENT HABITATS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 833-836. 1975. SFA 22(1)

71-002827 Golovko, V. A. and Roshchevskii, M. P. EFFECT OF TEMPERATURE ACCLIMATIZATION OF FISH ON ACTION POTENTIALS OF ATRIAL TYPE IN HEART MUSCLE CELLS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (2): 125-130. Mar.-Apr. 1978. SFA 24(2)

71-002828 Gomel'skiy, B. I. and Fetisov, A. N. SEX RATIO AT VARIOUS STAGES OF OTOGENY IN THE SWORDTAIL, /XIPHOPHORUS HELLERI/ (CYPRINODONTIFORMES, POECILIDAE), IN CONNECTION WITH THE PROBLEM OF SEX REDIFFERENTIATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 689-692. 1977. SFA 23(4)

71-002829 Gona, O. TOXIC EFFECTS OF MAMMALIAN PROLACTIN ON /COLISA LALIA/ AND TWO OTHER RELATED TELEOSTEAN FISH. *Gen. Comp. Endocrinol.* 37 (4): 468-473. Apr. 1979. SFA 24(4)

71-002830 Goncharov, B. F.; E. Burzawa-Gerard and A. A. Kuznetsov. A STUDY ON THE HETEROGENEITY OF THE PITUITARY GONADOTROPIN FROM STURGEON (*ACIPENSER STELLATUS* PALL). *Gen. Comp. Endocrinol.* 40(3):342. Mar. 1980. Abstract only. SFA 25(2)

71-002831 Goos, H. J. Th. and van Oordt, P. G. W. J. IMMUNOHISTOCHEMICAL CROSS-REACTION OF ANTI-MAMMALIAN LH-RH IN LOWER VERTEBRATES. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 857-861. 1978. SFA 24(1)

71-002832 Goos, H. J. Th. and Murathanoglu, O. LOCALISATION OF GONADOTROPIN RELEASING HORMONE (GRH) IN THE FOREBRAIN AND NEUROHYPOPHYSIS OF THE TROUT (/SALMO GAIRDNERI/). AN IMMUNOFLUORSCENCE STUDY. *Cell. Tissue Res.* 181 (2): 163-168. 1977. SFA 22(4)

71-002833 Goossens, N.; Dierickx, K. and Vandesande, F. IMMUNOCYTOCHEMICAL STUDY OF THE NEUROHYPOPHYSIAL HORMONE PRODUCING SYSTEM OF THE LUNGFISH, /PROTOPTERUS AETHIOPICUS/. *Cell Tissue Res.* 190 (1): 69-77. 1978. SFA 23(4)

71-002834 Gordin, H. and Zohar, Y. INDUCED SPAWNING OF /SPARUS AURATA/ (L.) BY MEANS OF HORMONAL TREATMENTS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4):985-990. 1978. SFA 24(1)

71-002835 Gordon, M. R. and McLeay, D. J. EFFECT OF PHOTOPERIOD ON SEASONAL VARIATIONS IN GLYCOGEN RESERVES OF JUVENILE RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (3): 349-351. 1978. SFA 23(4)

71-002836 Gordon, M. S. ANAEROBIC ENERGY METABOLISM IN THE AUSTRALIAN MUDSKIPPER FISH, /PERIOPHTHALMUS VULGARIS/. *Am. Zool.* 18 (3): 606. 1978. Abstract only. SFA 24(2)

71-002837 Gordon, M. S.; Ng, W. W.-S. and Yip, A. Y.-W. ASPECTS OF THE PHYSIOLOGY OF TERRESTRIAL LIFE IN AMPHIBIOUS FISHES. III. THE CHINESE MUDSKIPPER /PERIOPHTHALMUS CANTONENSIS/. *J. Exp. Biol.* 72:57-75. Feb. 1978. SFA 23(2)

71-002838 Gorin, J.; Freville, M.; Dereumaux, B. and Harichaux, P. METHODES DE DETERMINATION DE LA CONSOMMATION D'OXYGENE D'UN POISSON DANS LES CONDITIONS DU SEMI-CONFINEMENT AQUATIQUE. [METHODS FOR DETERMINING THE OXYGEN CONSUMPTION OF A FISH UNDER CONDITIONS OF AQUATIC SEMI-CONFINEMENT.] *Ann. Hydrobiol.* 8 (3): 355-362. 1977. In French with English summ. SFA 24(2)

71-002839 Gorodilov, Yu. N. and Lil'p, I. G. DURATION OF CELL CYCLES AND PHASES OF MITOSIS DURING CLEAVAGE IN /SALMO SALAR/ L. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 9 (4): 310-320. May 1979. SFA 24(3)

71-002840 Goryunova, A. I. THE USE OF CYTOMETRIC ANALYSIS OF THE BLOOD TO STUDY INTRASPECIFIC DIFFERENTIATION IN THE COMMON WILD GOLDFISH [/CARASSIUS AURATUS GIBELIO/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):792-799. 1974. SFA 21(2).

71-002841 Goswani, A. K. ORGANIC COMPOSITION OF EYE LENS OF *CATLA CATLA* AT DIFFERENT STAGES OF GROWTH. *Indian J. Fish.* 23(1/2):238-240. 1976. SFA 25(2)

71-002842 Gottsberger, G. SEED DISPERSAL BY FISH IN THE INUNDATED REGIONS OF HUMAITA, AMAZONIA. *Biotropica* 10 (3): 170-183. Sept. 1978. In English with Portugese summ. SFA 24(1)

71-002843 Goudie, C. A. and Davis, K. B. RELATIONSHIP OF CALCIUM AND SALINITY ON ELECTROLYTE METABOLISM IN CHANNEL CATFISH. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-002844 Goverdovskiy, V. I. VISION OF FISHES AND LIGHT UNDER WATER. *Oceanology* 16 (5): 522-525. Apr. 1977. SFA 22(4)

71-002845 Graham, J. B.; Kramer, D. L. and Pineda, E. RESPIRATION OF THE AIR BREATHING FISH /PIABUCINA FESTAE/. *J. Comp. Physiol. B Metab. Transp. Funct.* 122 (3): 295-310. 21 Dec. 1977. SFA 23(2)

71-002846 Gras, J.; Gudefin, Y. and Chagny, F. FREE AMINO-ACIDS AND NINHYDRIN-POSITIVE SUBSTANCES IN FISH--I. MUSCLE AND SKIN OF THE RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON). *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 369-372. 1978. SFA 23(4)

71-002847 Grau, E. G. and Stetson, M. H. GROWTH HORMONE IS THYROTROPIC IN /FUNDULUS HETEROCLITUS/. *Gen. Comp. Endocrinol.* 39(1):1-8. Sept. 1979. SFA 25(1)

71-002848 Grau, E. G. and Stetson, M. H. THE EFFECTS OF PROLACTIN AND TSH ON THYROID FUNCTION IN /FUNDULUS HETEROCLITUS/. *Gen. Comp. Endocrinol.* 33 (3): 329-335. Nov. 1977. SFA 23(1)

71-002849 Grau, E. G. and Stetson, M. H. PITUITARY AUTOTRANSPLANTS IN /FUNDULUS HETEROCLITUS/: EFFECT ON THYROID FUNCTION. *Gen. Comp. Endocrinol.* 32 (4): 427-431. Aug. 1977. SFA 23(1)

71-002850 Grau, E. G. II and Stetson, M. H. DOPAMINERGIC NEURONS AND TSH RELEASE IN /FUNDULUS HETEROCLITUS/. *Am. Zool.* 18 (3): 651. 1978. Abstract only. SFA 24(2)

71-002851 Grau, E. G. II. CONTROL MECHANISMS IN THE TELEOST HYPOTHALAMO-HYPOPHYSIAL-THYROIDAL AXIS. *Ph.D. dissertation, Univ. Del.* 121p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2153. Nov. 1978. SFA 24(1)

71-002852 Gray, J. A. B. and Denton, E. J. THE MECHANICS OF THE CLUPEID ACOUSTICO-LATERALIS SYSTEM: LOW FREQUENCY MEASUREMENTS. *J. Mar. Biol. Assoc. U.K.* 59 (1): 11-26. Feb. 1979. SFA 24(3)

71-002853 Greaney, G. S.; A. R. Place; R. E. Cashon; G. Smith and D. A. Powers. TIME COURSE OF CHANGES IN ENZYME ACTIVITIES AND BLOOD RESPIRATORY PROPERTIES OF KILLIFISH DURING LONG-TERM ACCLIMATION TO HYPOXIA. *Physiol. Zool.* 53(2):136-144. Apr. 1980. SFA 25(3)

71-002854 Greeley, M. S. and R. MacGregor III. REPRODUCTION IN FISH: IS 5-DIHYDROTESTOSTERONE INVOLVED? *J. Ala. Acad. Sci.* 51(3):187. July 1980. Abstract only. SFA 25(4)

71-002855 Green, J. HAEMATOLOGY AND HABITS IN CATFISH OF THE GENUS /SNYODONTIS/. *J. Zool. (Lond.)* 182 (1): 39-50. May 1977. SFA 22(4)

71-002856 Gregory, L. A. and Eales, J. G. FACTORS CONTRIBUTING TO HIGH LEVELS OF PLASMA IODIDE IN BROOK TROUT, /SALVELINUS FONTINALIS/, (MITCHILL). *Can. J. Zool.* 53 (3): 267-277. Mar. 1975. In English with French summ. SFA 22(1)

71-002857 Griffith, J. S. EFFECTS OF LOW TEMPERATURE ON THE SURVIVAL AND BEHAVIOR OF THREADFIN SHAD, /DOROSOMA PETENENSE/. *Trans. Am. Fish. Soc.* 107 (1): 63-70. Jan. 1978. SFA 23(3)

71-002858 Griffith, J. S. EFFECTS OF ACCLIMATION AND ABRUPT TEMPERATURE CHANGE ON THE SUSTAINED SWIMMING CAPACITY AND METABOLISM OF BROWN TROUT, /SALMO TRUTTA/ (LINNAEUS), AND BLUEGILL, /LEPOMIS MACROCHIRUS/ (RAFINESQUE). *Ph.D. dissertation, Univ. Toronto* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3191. Jan. 1979. SFA 24(2)

71-002859 Griffith, R. W. CHEMISTRY OF THE BODY FLUIDS OF THE COELACANTH, *LATIMERIA CHALUMNAE*. *Proc. R. Soc. Lond. B Biol. Sci.* 208(1172):329-347. 17 July 1980. SFA 25(4)

71-002860 Griffith, R. W.; Umminger, B. L.; Grant, B. F.; Pang, P. K. T.; Goldstein, L. and Pickford, G. E. COMPOSITION OF BLADDER URINE OF THE COELACANTH, /LATIMERIA CHALUMNAE/. *J. Exp. Zool.* 196 (3): 371-380. June 1976. SFA 22(2)

71-002861 Grove, D. J. and Campbell, G. THE ROLE OF EXTRINSIC AND INTRINSIC NERVES IN THE CO-ORDINATION OF GUT MOTILITY IN THE STOMACHLESS FLATFISH /RHOMBOSOLEA TAPIRINA/ AND /AMMOTRETIS ROSTRATA/ GUENTHER. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 63 (1): 143-159. 1979. SFA 24(4)

71-002862 Grove, D. J. and C. Crawford. CORRELATION BETWEEN DIGESTION RATE AND FEEDING FREQUENCY IN THE STOMACHLESS TELEOST, *BLENNIUS PHOLIS* L. *J. Fish Biol.* 16(3):235-247. Mar. 1980. SFA 25(3)

71-002863 Gruber, D.; Cairns, J., Jr.; Dickson, K. L. and Hendricks, A. C. A CINEMATOGRAPHIC INVESTIGATION INTO THE FISH'S BIOELECTRIC BREATHING SIGNAL. *J. Fish Biol.* 14 (5): 429-436. May 1979. SFA 24(4)

71-002864 Grun, G. LIGHT-INDUCED ACCELERATION OF RETINA DEVELOPMENT IN A MOUTH-BROODING TELEOST. *J. Exp. Zool.* 208 (3): 291-302. June 1979. SFA 24(4)

71-002865 Guderley, H. and J. M. Cardenas. A STUDY OF THE CATALYTIC PROPERTIES OF PYRUVATE KINASE ISOZYMES FROM SALMON AND AN EXAMINATION OF THEIR FUNCTIONAL RELATIONSHIPS. *J. Exp. Zool.* 212(2):269-277. May 1980. SFA 25(4)

71-002866 Guderley, H. E. and Cardenas, J. M. DEVELOPMENTAL CHANGES IN THE PYRUVATE KINASE ISOZYMES OF COHO SALMON. *J. Exp. Zool.* 208(1):1-12. Apr. 1979. SFA 24(3)

71-002867 Guderley, H.; Fields, J. H. A.; Cardenas, J. M. and Hochachka, P. W. PYRUVATE KINASE FROM THE LIVER AND KIDNEY OF /ARAPAIMA GIGAS/. *Can. J. Zool.* 56 (4): 852-859. Apr. 1978. In English with French summ. SFA 23(3)

71-002868 Guernsey, D. L. and Poluhowich, J. J. BLOOD OXYGEN CAPACITIES OF EELS ACCLIMATED TO FRESH-, BRACKISH- AND SALT-WATER ENVIRONMENTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (2): 313-316. Oct. 1975. SFA 22(1)

71-002869 Guest, W. C.; Avault, J. W., Jr. and Roussel, J. D. A SPERMATOLOGY STUDY OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Trans. Am. Fish. Soc.* 105 (3): 463-468. May 1976. SFA 21(3).

71-002870 Guggino, W. B. THE ONTOGENY OF OSMOREGULATION IN TWO SPECIES OF KILLIFISHES, /FUNDULUS HETEROCLITUS/ AND /FUNDULUS BERMUDAE/. *Ph.D. dissertation, Univ. N.C.* 132p. 1978. From Diss. Abstr. Int. B Sci. Eng. 40(1):115. July 1979. SFA 24(4)

71-002871 Gulidov, M. V. and Popova, K. S. THE INFLUENCE OF INCREASED O(2) CONCENTRATIONS ON THE SURVIVAL AND HATCHING OF THE EMBRYOS OF THE BREAM, /ABRAMIS BRAMA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 174-177. 1977. SFA 23(3)

71-002872 Gulidov, M. V. and Popova, K. S. EFFECT OF TEMPERATURE ON THE SURVIVAL AND CERTAIN CHARACTERISTICS OF THE EMBRYONIC DEVELOPMENT OF THE KUTUM, /RUTILUS FRISII KUTUM/ (KAMEMSKY). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 242 (1-6): 464-466. Sept.-Oct. 1978. SFA 24(3)

71-002873 Gulidov, M. V. THE EFFECT OF DIFFERENT OXYGEN CONDITIONS DURING INCUBATION ON THE SURVIVAL AND SOME OF THE DEVELOPMENTAL CHARACTERISTICS OF THE "VERKHOVKA" [/LEUCASPIUS DELINEATUS/] IN THE EMBRYONIC PERIOD. *J. Ichthyol. (Engl. Transl. Vopr. Iktiol.)* 14(3):393-397. 1974. SFA 21(2).

71-002874 Guma'a, S. A. THE EFFECTS OF TEMPERATURE ON THE DEVELOPMENT AND MORTALITY OF EGGS OF PERCH, /PERCA FLUVIATILIS/. *Freshwater Biol.* 8 (3): 221-227. June 1978. SFA 23(4)

71-002875 Gunnes, K. SURVIVAL AND DEVELOPMENT OF ATLANTIC SALMON EGGS AND FRY AT THREE DIFFERENT TEMPERATURES. *Aquaculture* 16(3):211-218. Mar. 1979. SFA 24(3)

71-002876 Guppy, M. and Hochachka, P. W. PYRUVATE KINASE FUNCTIONS IN HOT AND COLD ORGANS OF TUNA. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 129 (2): 185-191. 31 Jan. 1979. SFA 24(2)

71-002877 Guppy, M.; Hulbert, W. C. and Hochachka, P. W. METABOLIC SOURCES OF HEAT AND POWER IN TUNA MUSCLES. II. ENZYME AND METABOLINE PROFILES. *J. Exp. Biol.* 82:303-320. Oct. 1979. SFA 25(1)

71-002878 Gupta, S. and Meske, C. ABNORMALITIES OF THE GONADS OF CARP. *J. Fish Biol.* 9(1):75-77. July 1976. SFA 22(1)

71-002879 Gupta, S. THE DEVELOPMENT OF CARP GONADS IN WARM WATER AQUARIA. *J. Fish Biol.* 7 (6): 775-782. Nov. 1975. SFA 22(2)

71-002880 Haider, G. ZUR KENNTNIS EINIGER SERUMELEKTROLYTE DER REGENBOGENFORELLE, /SALMO GAIRDNERI/ RICH. [TO THE KNOWLEDGE OF SOME SERUM ELECTROLYTES IN RAINBOW TROUT, /SALMO GAIRDNERI/ RICH.] *Zool. Anz.* 201 (5/6): 293-304. 1978. In German with English summ. SFA 24(2)

71-002881 Haines, T. A. SEASONAL PATTERNS OF MUSCLE RNA-DNA RATIO AND GROWTH IN BLACK CRAPPIE, *POMOXIS NIGROMACULATUS*. *Environ. Biol. Fishes* 5(1):67-70. 30 Jan. 1980. SFA 25(3)

71-002882 Hall, T. R. and Chadwick, A. CONTROL OF PROLACTIN AND GROWTH HORMONE SECRETION IN THE EEL /ANGUILLA ANGUILLA/. *Gen. Comp. Endocrinol.* 36 (3): 388-395. Nov. 1978. SFA 24(2)

71-002883 Hallam, J. C. THE MODIFICATION OF VERTEBRAL NUMBER IN SALMONIDAE. *Ph. D. dissertation, Univ. Toronto (Canada)* 1974. From Diss. Abstr. Int. B Sci. Eng. 37(12), 1977. SFA 22(3)

71-002884 Halpern, L. R.; Schreibman, M. P.; Zimmerman, E. A. and Nilaver, G. IMMUNOCYTOCHEMICAL LOCALIZATION OF NEUROPHYSIN IN THE BRAIN AND PITUITARY GLAND OF THE TELEOST, /XIPHOPHORUS MACULATUS/. *Am. Zool.* 18 (3): 635. 1978. Abstract only. SFA 24(2)

71-002885 Hamaguchi, S. THE INHIBITORY EFFECTS OF CYPROTERONE ACETATE ON THE MALE SECONDARY SEX CHARACTERS OF THE MEDAKA, /ORYZIAS LATIPES/. *Annot. Zool. Jpn.* 51 (2): 65-69. June 1978. SFA 23(4)

71-002886 Hambrick, P. S. and Robison, H. W. AN HERMAPHRODITIC PALEBACK DARTER, /ETHEOSTOMA PALLIDIDORSUM/, WITH NOTES ON OTHER ABERRANT DARTERS (PERCIDAE). *Southwest. Nat.* 23 (1): 170-171. 15 Feb. 1978. SFA 23(2)

71-002887 Hamid, A.; Sakata, T. and Kakimoto, D. MICROFLORA IN THE ALIMENTARY TRACT OF GRAY MULLET--II. A COMPARISON OF THE MULLET INTESTINAL MICROFLORA IN FRESH AND SEA WATER. *Bull. Jpn. Soc. Sci. Fish.* 44(1):53-57. Jan. 1978. SFA 23(3)

71-002888 Hamid, A.; Sakata, T. and Kakimoto, D. MICROFLORA IN THE ALIMENTARY TRACT OF GRAY MULLET--IV. ESTIMATION OF ENZYMIC ACTIVITIES OF THE INTESTINAL BACTERIA. *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 99-106. Jan. 1979. SFA 24(3)

71-002889 Hamlett, W. C. and Wourms, J. P. DIFFERENTIATION OF A TRANSIENT LARVAL ADAPTATION: CEMENT SECRETING GLANDS OF ANGELFISH. *Am. Zool.* 18 (3): 608. 1978. Abstract only. SFA 24(2)

71-002890 Hamoir, G. and Gerardin-Otthiers, N. THE SARCOPLASMIC PROTEINS OF WHITE MUSCLE OF AN ANTARCTIC HEMOGLOBIN-FREE FISH, /CHAMPSOCEPHALUS GUNNARI/. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(1):17-23. 1979. SFA 25(1)

71-002891 Hamoir, G. and N. Gerardin-Otthiers. DIFFERENTIATION OF THE SARCOPLASMIC PROTEINS OF WHITE, YELLOWISH AND CARDIAC MUSCLES OF AN ANTARCTIC HEMOGLOBIN-FREE FISH, *CHAMPSOCEPHALUS GUNNARI*. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):199-206. 1980. SFA 25(2)

71-002892 Hamor, T. and Garside, E. T. HOURLY AND TOTAL OXYGEN CONSUMPTION BY OVA OF ATLANTIC SALMON, /SALMO SALAR/ L., DURING EMBRYOGENESIS, AT TWO TEMPERATURES AND THREE LEVELS OF DISSOLVED OXYGEN. *Can. J. Zool.* 57 (6): 1196-1200. June 1979. In English with French summ. SFA 24(4)

71-002893 Hamor, T. and Garside, E. T. SIZE RELATIONS AND YOLK UTILIZATION IN EMBRYONATED OVA AND ALEVINS OF ATLANTIC SALMON /SALMO SALAR/ L. IN VARIOUS COMBINATIONS OF TEMPERATURE AND DISSOLVED OXYGEN. *Can. J. Zool.* 55 (11): 1892-1898. Nov. 1977. In English with French summ. SFA 23(1)

71-002894 Hamor, T. and Garside, E. T. DEVELOPMENTAL RATES OF EMBRYOS OF ATLANTIC SALMON, /SALMO SALAR/ L., IN RESPONSE TO VARIOUS LEVELS OF TEMPERATURE, DISSOLVED OXYGEN, AND WATER EXCHANGE. *Can. J. Zool.* 54 (11): 1912-1917. Nov. 1976. In English with French summ. SFA 21(4)

71-002895 Hamor, T. and Garside, E. T. REGULATION OF OXYGEN CONSUMPTION BY INCIDENT ILLUMINATION IN EMBRYONATED OVA OF ATLANTIC SALMON /SALMO SALAR/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (2): 277-280. Oct. 1975. SFA 22(1)

71-002896 Hanham, A. and Smith, M. J. SEQUENCE ORGANIZATION IN THE GENOMIC DNA OF THE CHUM SALMON, /ONCORHYNCHUS KETA/. *Can. J. Zool.* 57(10):1878-1886. Oct. 1979. In English with French summ. SFA 25(1)

71-002897 Hansen, H. J. M. and Abraham, S. THE INFLUENCE OF ENVIRONMENTAL SALINITY, TEMPERATURE, IONIZING IRRADIATION AND YELLOW OR SILVER STAGE ON LIPID METABOLISM IN THE GILLS OF THE EUROPEAN EEL (/ANGUILLA ANGUILLA/). *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (4): 483-490. 1979. SFA 24(4)

71-002898 Hansen, K. and Herring, P. J. DUAL BIOLUMINESCENT SYSTEMS IN THE ANGLERFISH GENUS /LINOPHRYNE/ (PISCES: CERATIOIDEA). *J. Zool. (Lond.)* 182 (1): 103-124. May 1977. SFA 22(4)

71-002899 Hansen, N.; Folsom, T. R. and Weitz, W. E., Jr. DETERMINATION OF ALKALI METALS IN BLOOD FROM NORTH PACIFIC ALBACORE. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (4): 491-495. 1978. SFA 23(4)

71-002900 Hanson, R. C. and Fleming, W. R. SERUM CORTISOL LEVELS OF JUVENILE BOWFIN, /AMIA CALVA/: EFFECTS OF HYPOPHYSECTOMY, HORMONE REPLACEMENT AND ENVIRONMENTAL SALINITY. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(4):499-502. 1979. SFA 25(1)

71-002901 Hanson, R. C. and Stanley, J. G. STUDIES OF OXYGEN METABOLISM IN THE CENTRAL MUDMINNOW, /UMBRA LIMI/ (KIRTLAND). *Proc. Conf. Great Lakes Res.* 12: 39-44. 1969. SFA 22(4)

71-002902 Hanyu, I. and Tamura, T. ELECTRORETINOGRAMS AND SPECTRAL SENSITIVITY IN THE AYU, A SALMONOID FISH. *Bull. Jpn. Soc. Sci. Fish.* 44(5):401-406. May 1978. SFA 23(4)

71-002903 Hanyu, I.; K. Tsukamoto; K. Yamamori; P. V. Ngan; K. Furukawa and T. Hibiya. SIMULTANEOUS RECORDING OF PHYSIOLOGICAL INFORMATION FROM SWIMMING FISH. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1261-1265. Oct. 1979. SFA 25(2)

71-002904 Hara, A. [SEXUAL DIFFERENCES IN SERUM PROTEINS OF CHUM SALMON AND THE PURIFICATION OF FEMALE-SPECIFIC SERUM PROTEIN.] *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 689-693. June 1978. In Japanese with English summ. SFA 23(4)

71-002905 Hara, A. and Hirai, H. COMPARATIVE STUDIES ON IMMUNOCHEMICAL PROPERTIES OF FEMALE-SPECIFIC SERUM PROTEIN AND EGG YOLK PROTEINS IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. B Comp. Biochem.* 59 (4): 339-343. 1978. SFA 23(3)

71-002906 Hara, A.; K. Yamauchi and H. Hirai. STUDIES ON FEMALE-SPECIFIC SERUM PROTEIN (VITELLOGENIN) AND EGG YOLK PROTEIN IN JAPANESE EEL (*ANGUILLA JAPONICA*). *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):315-320. 1980. SFA 25(2)

71-002907 Hara, T. J. and MacDonald, S. OLFACTORY RESPONSES TO SKIN MUCOUS SUBSTANCES IN RAINBOW TROUT /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 54(1):41-44. 1976. SFA 22(1)

71-002908 Hara, T. J. EFFECTS OF PH ON THE OLFACTORY RESPONSES TO AMINO ACIDS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (1): 37-39. 1976. SFA 22(1)

71-002909 Hara, T. J. FURTHER STUDIES ON THE STRUCTURE-ACTIVITY RELATIONSHIPS OF AMINO ACIDS IN FISH OLFACTION. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (4): 559-565. 1977. SFA 22(3)

71-002910 Hara, T. J. STRUCTURE-ACTIVITY RELATIONSHIPS OF AMINO ACIDS IN FISH OLFACTION. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (1): 31-36. 1976. SFA 22(1)

71-002911 Harache, Y.; G. Boeuf and P. Lasserre. OSMOTIC ADAPTATION OF *ONCORHYNCHUS KISUTCH* WALBAUM. III. SURVIVAL AND GROWTH OF JUVENILE COHO SALMON TRANSFERRED TO SEA WATER AT VARIOUS TIMES OF THE YEAR. *Aquaculture* 19(3):253-273. Mar. 1980. SFA 25(2)

71-002912 Hardig, J. MATURATION OF CIRCULATING RED BLOOD CELLS IN YOUNG BALTIC SALMON (/SALMO SALAR/ L.). *Acta Physiol. Scand.* 102 (3): 290-300. Mar. 1978. SFA 23(3)

71-002913 Harichaux, P. and Gorin, J. MESURE EN CONTINU ET DE LONGUE DUREE DE LA FONCTION RESPIRATOIRE CHEZ LA TRUITE ARC-EN-CIEL (/SALMO IRIDEUS/). [CONTINUOUS AND EXTENDED MEASUREMENT OF THE RESPIRATORY FUNCTION IN THE RAINBOW TROUT.] *Ann. Hydrobiol.* 7 (2): 91-96. 1976. In French with English summ. SFA 22(3)

71-002914 Harrington, R. W., Jr. and Crossman, R. A., Jr. EFFECTS OF TEMPERATURE AND SEX GENOTYPE ON MERISTIC COUNTS OF THE GONOCHORISTIC CYPRINODONTID FISH /RIVULUS CYLINDRACEUS/ POEY. *Can. J. Zool.* 54 (2): 245-254. Feb. 1976. In English with French summ. SFA 22(1)

71-002915 Harrison, R. J., (Chairman). TURNING POINTS IN ZOOLOGICAL SCIENCE. *Proc. R. Soc. Lond.* 199(1136):335-476. 13 Dec. 1977. SFA 23(2)

71-002916 Hart, N. and Pontier, P. ACID PHOSPHATASE IN EGGS OF THE ZEBRAFISH, /BRACHYDANIO RERIO/. *Experientia (Basel)* 35(8):999-1001. 15 Aug. 1979. SFA 25(1)

71-002917 Hart, N. H. and Cook, M. ESTERASE ISOZYME PATTERNS IN DEVELOPING EMBRYOS OF /BRACHYDANIO RERIO/ (ZEBRA DANIO), /BRACHYDANIO ABOLINEATUS/ (PEARL DANIO), AND THEIR HYBRIDS. *J. Exp. Zool.* 199(1):109-128. Jan. 1977. SFA 22(3)

71-002918 Hartwell, S. I. and Hoss, D. E. THERMAL SHOCK RESISTANCE OF SPOT (/LEIOSTOMUS XANTHURUS/) AFTER ACCLIMATION TO CONSTANT OR CYCLING TEMPERATURE. *Trans. Am. Fish. Soc.* 108(4):397-400. July 1979. SFA 25(1)

71-002919 Haschemeyer, A. E. V.; Persell, R. and Smith, M. A. K. EFFECT OF TEMPERATURE ON PROTEIN SYNTHESIS IN FISH OF THE GALAPAGOS AND PERLAS ISLANDS. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(1):91-95. 1979. SFA 25(1)

71-002920 Haschemeyer, A. E. V.; Guschlbauer, W. and DeVries, A. L. WATER BINDING BY ANTIFREEZE GLYCOPROTEINS FROM ANTARCTIC FISH. *Nature* 269 (5623): 87-88. 1 Sept. 1977. SFA 23(4)

71-002921 Haschemeyer, A. E. V. and Smith, M. A. K. PROTEIN SYNTHESIS IN LIVER, MUSCLE AND GILL OF MULLET (/MUGIL CEPHALUS/ L.) /IN VIVO/. *Biol. Bull.* 156 (1): 93-102. Feb. 1979. SFA 24(3)

71-002922 Hashimoto, H. and Yoshimura, J. STUDIES ON BODY-SURFACE MUCIN OF A FISH, "NOROGENGE" /ALLOLEPIS HOLLANDI/--I. CHEMICAL COMPOSITIONS OF GLYCOPROTEINS AND GLYCOPEPTIDE. *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1319-1325. Nov. 1977. SFA 23(2)

71-002923 Hashimoto, K.; S. Watabe; M. Kono and K. Shiro. MUSCLE PROTEIN COMPOSITION OF SARDINE AND MACKEREL. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1435-1441. Nov. 1979. SFA 25(2)

71-002924 Hashimoto, K.; K. Yamaguchi; N. Takeda and K. Ogawa. [DISTRIBUTION OF HEMOPROTEIN IN THE MUSCLES OF MACKEREL AND SARDINE]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1331-1333. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-002925 Hashimoto, S.; T. Abe and H. Kato. [STUDIES ON THE METABOLIC FUNCTION OF ADULT CHUM SALMON, *ONCORHYNCHUS KETA* (WALBAUM)-III. OXYGEN CONSUMPTION AND METABOLIC EXCRETION OF ADULT CHUM SALMON UNDER CROWDED CONDITIONS, AND INFLUENCES OF DIURNAL AND DAILY FLUCTUATION OF DISSOLVED OXYGEN CONCENTRATION IN WATER BEING SUPPLIED INTO THE STOCKING POND UPON THE POND CAPACITY. *Sci. Rep. Hokkaido Salmon Hatchery* No. 34. p. 105-113. Mar. 1980. In Japanese. SFA 25(4)

71-002926 Hasnain, A. U.; Kimura, I.; Arai, K.-I. and Yasui, T. COMPARATIVE STUDIES ON THE TRYPTIC DIGESTION OF ACTOMYOSINS AND MYOSINS FROM SEVERAL FISH SPECIES--II. CHANGES IN $CA^{2}+$ AND EDTA-ATPASES. *Bull. Jpn. Soc. Sci. Fish.* 44(2):143-147. Feb. 1978. SFA 23(3)

71-002927 Haswell, M. S. CO(2) EXCRETION AND ACID-BASE REGULATION IN THE RAINBOW TROUT, /SALMO GAIRDNERI/. *Ph.D. dissertation, Univ. British Columbia* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5795. June 1979. SFA 24(4)

71-002928 Haswell, M. S. and Randall, D. J. THE PATTERN OF CARBON DIOXIDE EXCRETION IN THE RAINBOW TROUT /SALMO GAIRDNERI/. *J. Exp. Biol.* 72: 17-24. Feb. 1978. SFA 23(2)

71-002929 Haswell, M. S.; Perry, S. F. and Randall, D. J. THE EFFECT OF PERFUSATE OXYGEN LEVELS ON CO(2) EXCRETION IN THE PREFUSED GILL. *J. Exp. Zool.* 205 (2): 309-314. Aug. 1978. SFA 23(4)

71-002930 Haswell, M. S.; Zeidler, R. and Kim, H. D. CHLORIDE TRANSPORT IN RED CELLS OF THE TELEOST, /TILAPIA MOSSAMBICA/. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (2): 217-220. 1978. SFA 24(1)

71-002931 Hata, M. and Hata, M. CAROTENOID METABOLISM IN FANCY RED CARP, /CYPRINUS CARPIO/--III. ACCUMULATION OF LUTEIN IN THE INTEGUMENT. *Bull. Jpn. Soc. Sci. Fish.* 44 (1): 83-84. Jan. 1978. SFA 23(3)

71-002932 Hattingh, J. BLOOD SUGAR AS AN INDICATOR OF STRESS IN THE FRESHWATER FISH, /LABEO CAPENSIS/ (SMITH). *J. Fish Biol.* 10 (2): 191-195. Feb. 1977. SFA 22(3)

71-002933 Hattingh, J. THE INFLUENCE OF CARBON DIOXIDE ON THE BLOOD SUGAR CONCENTRATION IN THE FRESHWATER FISH, /LABEO CAPENSIS/ (SMITH). *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 235-236. 1976. SFA 22(1)

71-002934 Haugede-Carre, F.; Kirschbaum, F. and Szabo, T. DEVELOPMENT OF GIGANTOCEREBELLUM OF THE WEAKLY ELECTRIC FISH /POLLIMYRUS/. *J. Physiol. (Paris)* 75:381-395. 1979. SFA 25(1)

71-002935 Hauser, W. J. A BLIND CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Copeia* 1976 (3): 612-613. Aug. 1976. SFA 21(3).

71-002936 Hauser, W. J. A HERMATHRODITIC MOUNTAIN SUCKER, /CATOSTOMUS PLATYRHYNCHUS/. *Copeia* 1975(4):775. 31 Dec. 1975. SFA 21(1).

71-002937 Hauser, W. J. TEMPERATURE REQUIREMENTS OF /TILAPIA ZILLII/. *Calif. Fish Game* 63 (4): 228-233. Oct. 1977. SFA 23(2)

71-002938 Hayashi, K. and T. Takagi. OCCURRENCE OF UNUSUALLY HIGH LEVEL OF WAX ESTERS IN DEEP-SEA TELEOST FISH MUSCLE, *HOPLOSTETHUS ATLANTICUS*. *Bull. Jpn. Soc. Sci. Fish.* 46(4):459-463. Apr. 1980. SFA 25(4)

71-002939 Hayashi, K. and Takagi, T. ON THE FATTY ACID COMPOSITION OF FISH AFFECTED BY EXCESSIVE STRESS. *Bull. Jpn. Soc. Sci. Fish.* 43 (10): 1189-1194. Oct. 1977. SFA 23(2)

71-002940 Hayashi, K. and Takagi, T. LIPID METABOLISM IN FISH. II. CHANGES OF LIPIDS AND FATTY ACIDS IN THE LIVER OF PUFFER, /FUGU VERMICULARE PORPHYREUM/, DURING STARVATION. *Bull. Fac. Fish. Hokkaido Univ.* 28 (4): 193-201. Nov. 1977. SFA 23(3)

71-002941 Hayashi, K. and Takagi, T. THE LIPIDS OF MARINE ANIMALS FROM VARIOUS HABITAT DEPTHS. VIII. OCCURRENCE OF METHOXY GLYCERYL ETHERS IN THE FLESH LIPIDS OF DEEP-SEA TELEOST FISH /SERIOLLELA/ SP. *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1239-1243. Nov. 1978. SFA 24(2)

71-002942 Hayashi, K. and Takagi, T. SEASONAL VARIATIONS IN LIPIDS AND FATTY ACIDS OF JAPANESE ANCHOVY, /ENGRAULIS JAPONICA/. *Bull. Fac. Fish. Hokkaido Univ.* 29 (1): 38-47. Mar. 1978. SFA 24(1)

71-002943 Hayashi, K. and Takagi, T. [LIPID METABOLISM IN FISH. I. COMPARISON OF FATTY ACID COMPOSITIONS IN GILLED FISH AND IMPOUNDED FISH.] *Bull. Fac. Fish. Hokkaido Univ.* 27 (3-4): 172-180. Dec. 1976. In Japanese with English summ. SFA 22(4)

71-002944 Hayashi, K.; Takagi, T.; Kondo, H. and Futawatari, M. THE LIPIDS OF MARINE ANIMALS FROM VARIOUS HABITAT DEPTHS--VII. COMPOSITIONS OF DIACYL GLYCERYL ETHERS IN THE FLESH LIPIDS OF TWO DEEP-SEA TELEOST FISH, /SERIOLLELA/ SP. AND /S. PUNCTATA/. *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 917-923. Aug. 1978. SFA 24(1)

71-002945 Hayashi, S. and Ooshiro, Z. GLUCONEOGENESIS IN ISOLATED LIVER CELLS OF THE EEL, /ANGUILLA JAPONICA/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 132(4):343-350. 1979. SFA 25(1)

71-002946 Hayashi, S. and Ooshiro, Z. PREPARATION OF ISOLATED CELLS OF EEL LIVER. *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 499-503. May 1978. SFA 23(4)

71-002947 Hayashi, S. and Ooshiro, Z. AVAILABILITY OF GTP-SEPHAROSE FOR THE PURIFICATION OF GLUTAMATE DEHYDROGENASE FROM EEL LIVER. *Bull. Jpn. Soc. Sci. Fish.* 43 (1): 107-113. Jan. 1977. SFA 22(3)

71-002948 Hayashida, T. IMMUNOCHEMICAL AND BIOLOGICAL STUDIES WITH GROWTH HORMONE IN A PITUITARY EXTRACT OF THE COELACANTH, /LATIMERIA CHALUMNAE/ SMITH. *Gen. Comp. Endocrinol.* 32 (2): 221-229. June 1977. SFA 22(4)

71-002949 Hays, R. M.; Levine, S. D.; Myers, J. D.; Heinemann, H. O.; Kaplan, M. A.; Franki, N. and Berliner, H. UREA TRANSPORT IN THE DOGFISH KIDNEY. *J. Exp. Zool.* 199 (3):309-316. Mar. 1977. SFA 22(3)

71-002950 Haywood, G. P. INDICATIONS OF SODIUM, CLORIDE, AND WATER EXCHANGE ACROSS THE GILLS OF THE STRIPED DOGFISH /PORODERMA AFRICANUM/. *Mar. Biol.* 29 (2): 267-276. 17 Mar. 1975. SFA 22(2)

71-002951 Haywood, G. P. A PRELIMINARY INVESTIGATION INTO THE ROLES PLAYED BY THE RECTAL GLAND AND KIDNEYS IN THE OSMOREGULATION OF THE STRIPED DOGFISH /PORODERMA AFRICANUM/. *J. Exp. Biol.* 193 (2): 167-176. Aug. 1975. SFA 22(2)

71-002952 Hazel, J. R. and Sellner, P. A. FATTY ACID AND STEROL SYNTHESIS BY HEPATOCYTES OF THERMALLY ACCLIMATED RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Exp. Zool.* 209 (1): 105-114. July 1979. SFA 24(4)

71-002953 Hazel, J. R. and C. L. Prosser. INCORPORATION OF 1-^{14}C-ACETATE INTO FATTY ACIDS AND STEROLS BY ISOLATED HEPATOCYTES OF THERMALLY ACCLIMATED RAINBOW TROUT *(SALMO GARDNERI)*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 134(4):321-329. Dec. 1979. SFA 25(2)

71-002954 Hazel, J. R. and Schuster, V. L. THE EFFECTS OF TEMPERATURE AND THERMAL ACCLIMATION UPON THE OSMOTIC PROPERTIES AND NONELECTROLYTE PERMEABILITY OF LIVER AND GILL MITOCHONDRIA FROM RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Exp. Zool.* 195 (3): 425-438. Mar. 1976. SFA 22(2)

71-002955 Hazel, J. R. THE INFLUENCE OF TEMPERATURE ADAPTION ON THE COMPOSITION OF THE NEUTRAL LIPID FRACTION OF RAINBOW TROUT (/SALMO GAIRDNERI/) LIVER. *J. Exp. Zool.* 207(1):33-42. Jan. 1979. SFA 24(2)

71-002956 Healy, J. A. and Mulcahy, M. F. POLYMORPHIC TETRAMERIC SUPEROXIDE DISMUTASE IN THE PIKE /ESOX LUCIUS/ L. (PISCES; ESOCIDAE). *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 563-565. 1979. SFA 24(3)

71-002957 Hedden, W. L., Jr. and Dowling, J. E. THE INTERPLEXIFORM CELL SYSTEM. II. EFFECTS OF DOPAMINE ON GOLDFISH RETINAL NEURONES. *Proc. R. Soc. Lond. B Biol. Sci.* 201 (1142): 27-55. 13 Apr. 1978. SFA 23(3)

71-002958 Heemstra, P. C. A PECULIAR MODIFICATION OF THE INTESTINE IN THE STROMATEOID FISHES /SERIOLELLA PUNCTATA/ AND /S. BRAMA/ (PERCIFORMES: CENTROLOPHIDAE). *Copeia* 1977 (3): 584-585. 25 Aug. 1977. SFA 22(4)

71-002959 Heiligenberg, W. THE EVALUATION OF ELECTRORECEPTIVE FEEDBACK IN A GYMNOTOID FISH WITH PULSE-TYPE ELECTRIC ORGAN DISCHARGES. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 138(2):173-185. July 1980. SFA 25(4)

71-002960 Heisler, N. and P. Neumann. THE ROLE OF PHYSICO-CHEMICAL BUFFERING AND OF BICARBONATE TRANSFER PROCESSES IN INTRACELLULAR pH REGULATION IN RESPONSE TO CHANGES OF TEMPERATURE IN THE LARGER SPOTTED DOGFISH (*SCYLIORHINUS STELLARIS*). *J. Exp. Biol.* 85:99-110. Apr. 1980. SFA 25(3)

71-002961 Henderson, N. E. and Lorscheider, F. L. THYROXINE AND PROTEIN-BOUND IODINE CONCENTRATIONS IN PLASMA OF THE PACIFIC HAGFISH, /EPTATRETUS STOUTI/ (CYCLOSTOMATA). *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (4): 723-726. Aug. 1975. SFA 22(1)

71-002962 Hendricks, J. D.; Hunter, L. J. and Wales, J. H. POSTMORTEM BILE DAMAGE TO RAINBOW TROUT (/SALMO GAIRDNERI/) LIVERS. *J. Fish. Res. Board Can.* 33 (11): 2613-2616. Nov. 1976. In English with French summ. SFA 21(4).

71-002963 Hentschel, H. and Muller, M. SIALIC ACIDS IN EPITHELIAL TISSUES OF /CARASSIUS AURATUS GIBELIO/ (BLOCH) (PRUSSIAN CARP), /COTTUS GOBIO/ L. (BULLHEAD) AND /MYOXOCEPHALUS SCORPIUS/ (L.) (BULL ROUT). Comp. Biochem. Physiol. A Comp. Physiol. 64(4):585-588. 1979. SFA 25(1)

71-002964 Herold, J. P.; J. Cl. Pierron; L. Henquell; G. Cudey and J. P. Maurat. DÉTERMINATION DU RENDEMENT THERMODYNAMIQUE DU COEUR ISOLÉ ET PERFUSÉ DE TANCHE (*TINCA TINCA* L. TÉLÉSOTÉEN). [THERMODYNAMIC EFFICIENCY OF THE ISOLATED AND PERFUSED TENCH HEART (*TINCA TINCA* L. TELEOST).] *C.R. Séances Soc. Biol. Fil.* 173(3):563-568. 1979. In French with English summ. SFA 25(2)

71-002965 Herring, P. J. BIOLUMINESCENCE IN AN EVERMANNELLID FISH. *J. Zool. (Lond.)* 181 (3): 297-307. Mar. 1977. SFA 22(3)

71-002966 Herring, P. J. BIOLUMINESCENCE OF MARINE ORGANISMS. *Nature* 267 (5614): 788-793. 30 June 1977. SFA 22(4)

71-002967 Hesthagen, I. H. and Koefoed, J. H. A NOTE ON THE EXISTENCE OF A WELL-DEVELOPED SWIMBLADDER IN THE BOTTOM-LIVING GOBY /POMATOSCHISTUS MINUTUS/. *J. Fish Biol.* 14 (3): 225-228. Mar. 1979. SFA 24(3)

71-002968 Hettler, W. F. and Colby, D. R. ALTERATION OF HEAT RESISTANCE OF ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/, BY PHOTOPERIOD. *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (1): 141-143. 1979. SFA 24(3)

71-002969 Hettler, W. F. INFLUENCE OF TEMPERATURE AND SALINITY ON ROUTINE METABOLIC RATE AND GROWTH OF YOUNG ATLANTIC MENHANDEN. *J. Fish Biol.* 8 (1): 55-65. Jan. 1976. SFA 22(1)

71-002970 Hews, E. A. and Kime, D. E. FORMATION OF TESTOSTERONE GLUCURONIDE BY TESTES OF THE RAINBOW TROUT /SALMO GAIRDNERI/. *Gen. Comp. Endocrinol.* 34 (1): 116-119. Jan. 1978. SFA 23(2)

71-002971 Hickey, C. R., Jr. FISH HEMATOLOGY, ITS USES AND SIGNIFICANCE. *N. Y. Fish Game J.* 23 (2): 170-175. July 1976. SFA 21(3).

71-002972 Hickey, P. L.; Hershberger, W. K. and Dong, J. N. HATCHING TABLE FOR FISHERIES RESEARCH. *Prog. Fish-Cult.* 41 (1): 25-26. Jan. 1979. SFA 24(2)

71-002973 Hidaka, I. and Ohsugi, T. HIGH SENSITIVITY OF THE PALATAL CHEMORECEPTORS OF THE YELLOWTAIL TO DILUTION OF SEA WATER. *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 643. May 1979. SFA 24(4)

71-002974 Hidaka, I.; Kirohara, S. and Oda, S. GUSTATORY RESPONES IN THE PUFFER--III. STIMULATORY EFFECTIVENESS OF NUCLEOTIDES AND THEIR DERIVATIVES. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 423-428. Apr. 1977. SFA 22(4)

71-002975 Higgs, D. A. and Eales, J. G. RADIOTHYROXINE KINETICS IN YEARLING BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL), ON DIFFERENT LEVELS OF DIETARY INTAKE. *Can. J. Zool.* 56 (1): 80-85. Jan. 1978. SFA 23(2)

71-002976 Higgs, D. A. and Eales, J. G. INFLUENCE OF INJECTION ROUTE ON RADIOTHYROXINE KINETICS IN BROOK TROUT, /SALVELINUS FONTINALIS/, (MITCHILL). *Can. J. Zool.* 54 (2): 255-259. Feb. 1976. In English with French summ. SFA 22(1)

71-002977 Higgs, D. A. and Eales, J. G. INFLUENCE OF FOOD DEPRIVATION ON RADIOIODOTHYRONINE AND RADIOIODIDE KINETICS IN YEARLING BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL), WITH A CONSIDERATION OF THE EXTENT OF L-THYROXINE CONVERSION TO 3,5,3'-TRIIODO-L-THYRONINE. *Gen. Comp. Endocrinol.* 32 (1): 29-40. May 1977. SFA 22(3)

71-002978 Higgs, D. A.; Donaldson, E. M.; Dye, H. M. and McBride, J. R. INFLUENCE OF BOVINE GROWTH HORMONE AND L-THYROXINE ON GROWTH, MUSCLE COMPOSITION, AND HISTOLOGICAL STRUCTURE OF THE GONADS, THYROID, PANCREAS, AND PITUITARY OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 33 (7): 1585-1603. July 1976. In English with French summ. SFA 21(3).

71-002979 Higgs, D. A.; Fagerlund, U. H. M.; McBride, J. R.; Dye, H. M. and Donaldson, E. M. INFLUENCE OF COMBINATIONS OF BOVINE GROWTH HORMONE, 17ALPHA-METHYLTESTOSTERONE, AND L-THYROXINE ON GROWTH OF YEARLING COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Can. J. Zool.* 55 (6): 1048-1056. June 1977. In English with French summ. SFA 22(4)

71-002980 Hikita, T. and Hashimoto, S. [A HERMAPHRODITIC CHUM SALMON, /ONCORHYNCHUS KETA/, FROM THE CHITOSE RIVER, WITH A EXAMPLE OF ITS SELF-FERTILIZATION.] *Sci. Rep. Hokkaido Salmon Hatchery* 32: 61-64. 1978. In Japanese. SFA 23(4)

71-002981 Hilbig, R.; Rahmann, H. and Rosner, H. BRAIN GANGLIOSIDES AND TEMPERATURE ADAPTATION IN EURY- AND STENOTHERMIC TELEOST FISH (CARP AND RAINBOW TROUT). *J. Therm. Biol.* 4 (1): 29-34. Jan. 1979. SFA 24(3)

71-002982 Hilge, V. and Conrad, C. ZUM LAICHVERMOEGEN EINES HERMAPHRODITEN KARPFENS (/CYPRINUS CARPIO/). [ON THE SPAWNING CAPACITY OF A HERMAPHRODITE CARP (/CYPRINUS CARPIO/).] *Arch. Fischereiwiss.* 26 (1): 49-51. Aug. 1975. In German with English summ. SFA 21(4)

71-002983 Hilge, V. UNTERSCHIEDLICHE WACHSTUMSENTWICKLUNG DER GONADEN BEIM SPIEGELKARPFEN (/CYPRINUS CARPIO/ L.). [DIFFERENCES IN THE GROWTH OF THE GONADS OF THE MIRROR CARP (/CYPRINUS CARPIO/ L.)] *Arch. Fischereiwiss.* 29 (1/2): 81-84. June 1978. In German with English summ. SFA 23(4)

71-002984 Hilton, J. W.; Cho, C. Y.; Brown, R. G. and Slinger, S. J. THE SYNTHESIS, HALF-LIFE AND DISTRIBUTION OF ASCORBIC ACID IN RAINBOW TROUT. *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (3): 447-453. 1979. SFA 24(4)

71-002985 Hilton, J. W.; Brown, R. G. and Slinger, S. J. THE HALF-LIFE AND UPTAKE OF ^{14}C-1-ASCORBIC ACID IN SELECTED ORGANS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 62(2):427-432. 1979. SFA 24(2)

71-002986 Hinegardner, R. THE CELLULAR DNA CONTENT OF SHARKS, RAYS AND SOME OTHER FISHES. *Comp. Biochem. Physiol. B Comp. Biochem.* 55 (3): 367-370. 1976. SFA 22(1)

71-002987 Hirano, T.; H. Nakamura and M. Suyama. [QUALITY OF WILD AND CULTURED AYU--II. SEASONAL VARIATION OF PROXIMATE COMPOSITION.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):75-78. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-002988 Hirano, T.; Morisawa, M. and Suzuki, K. CHANGES IN PLASMA AND COELOMIC FLUID COMPOSITION OF THE MATURE SALMON (/ONCORHYNCHUS KETA/) DURING FRESHWATER ADAPTATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (1): 5-8. 1978. SFA 24(1)

71-002989 Hirose, K. A BIOASSAY FOR TELEOST GONADOTROPIN USING THE GERMINAL VESICLE BREAKDOWN (GVBD) OF *ORYZIAS LATIPES* OOCYTES *IN VITRO*. *Gen. Comp. Endocrinol.* 41(1):108-114. May 1980. SFA 25(3)

71-002990 Hirose, K. and Wakabayashi, K. A RADIOIMMUNOASSAY FOR BLOOD AND PITUITARY EXTRACT GONADOTROPIN IN SALMONID FISHES. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 319-323. Apr. 1978. SFA 23(4)

71-002991 Hirose, K.; Ishida, R. and Sakai, K. INDUCED OVULATION OF AYU USING HUMAN CHORIONIC GONADOTROPIN (HCG), WITH SPECIAL REFERENCE TO CHANGES IN SEVERAL CHARACTERISTICS OF EGGS RETAINED IN THE BODY CAVITY AFTER OVULATION. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 409-416. Apr. 1977. SFA 22(4)

71-002992 Hirose, K.; Tamaoki, B.; Fernholm, B. and Kobayashi, H. /IN VITRO/ BIOCONVERSIONS OF STEROIDS IN THE MATURE OVARY OF THE HAGFISH, /EPTATRETUS BURGERI/. *Comp. Biochem. Physiol. B Comp. Biochem.* 51 (4): 403-408. Aug. 1975. SFA 22(1)

71-002993 Hirshfield, M. F. THE REPRODUCTIVE ECOLOGY AND ENERGETICS OF THE JAPANESE MEDAKA, /ORYZIAS LATIPES/. *Ph.D. dissertation, Univ. Mich.* 185p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1032. Sept. 1977.

71-002994 Hitron, J. W. and Bonham, K. HERMAPHRODITISM IN A CHUM SALMON, /ONCORHYNCHUS KETA/. *Copeia* 1977 (3): 591-592. 25 Aug. 1977. SFA 22(4)

71-002995 Hlavek, R. R. and Norden, C. R. TWO HERMAPHRODITIC FRESHWATER ALEWIVES FROM SOUTHERN LAKE MICHIGAN. *Prog. Fish-Cult.* 39 (2): 104-105. Apr. 1977. SFA 22(3)

71-002996 Hlavek, R. R. THE EFFECTS OF MALACHITE GREEN ON THE COMPOSITION OF THE BLOOD OF RAINBOW TROUT. *Ph.D. dissertation, Iowa State Univ.* 120p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3707. Feb. 1979. SFA 24(3)

71-002997 Ho, S.-M. and Chan, D. K. O. ADAPTATION TO SALINITY CHANGES IN THE EEL /ANGUILLA JAPONICA/: METABOLIC AND CARDIOVENTILATORY ADJUSTMENTS. *Am. Zool.* 18(3):656. 1978. Abstract only. SFA 24(2)

71-002998 Ho, S.-M. and D. K. O. Chan. BRANCHIAL ATPases AND IONIC TRANSPORT IN THE EEL, *ANGUILLA JAPONICA*--I. Na^{+}-K^{+}-ATPase. *Comp. Biochem. Physiol. B Comp. Biochem.* 66(2):255-260. 1980. SFA 25(3)

71-002999 Ho, S.-M.; P. Tsang and I. P. Callard. SOME PROPERTIES OF A STEROID-BINDING PROTEIN IN THE PLASMA OF AN OVOVIVIPAROUS DOGFISH, *SQUALUS ACANTHIAS*, AT DIFFERENT STAGES OF THE LIFE CYCLE. *Biol. Reprod.* 23(2):281-289. Sept. 1980. SFA 25(4)

71-003000 Hoar, W. S. and Nagahama, Y. THE CELLULAR SOURCES OF SEX STEROIDS IN TELEOST GONADS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 893-898. 1978. SFA 24(1)

71-003001 Hoar, W. S. SMOLT TRANSFORMATION: EVOLUTION, BEHAVIOR, AND PHYSIOLOGY. *J. Fish. Res. Board Can.* 33(5):1234-1252. May 1976. In English with French summ. SFA 21(2).

71-003002 Hobden, B. R. and Klaverkamp, J. F. A PHARMACOLOGICAL CHARACTERIZATION OF ACETYLCHOLINESTERASE FROM RAINBOW TROUT (/SALMO GAIRDNERI/) BRAIN. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57 (2): 131-133. 1977. SFA 23(1)

71-003003 Hochachka, P. W.; Guppy, M.; Guderley, H.; Storey, K. B. and Hulbert, W. C. METABOLIC BIOCHEMISTRY OF WATER- VS. AIR-BREATHING OSTEOGLOSSIDS: HEART ENZYMES AND ULTRASTRUCTURE. *Can. J. Zool.* 56 (4): 759-768. Apr. 1978. In English with French summ. SFA 23(3)

71-003004 Hochachka, P. W.; Moon, T. W.; Bailey, J. and Hulbert, W. C. THE OSTEOGLOSSID KIDNEY: CORRELATIONS OF STRUCTURE, FUNCTION, AND METABOLISM WITH TRANSITION TO AIR BREATHING. *Can. J. Zool.* 56 (4): 820-832. Apr. 1978. In English with French summ. SFA 23(3)

71-003005 Hochachka, P. W. and Hulbert, W. C. GLYCOGEN 'SEAS, 'GLYCOGEN BODIES, AND GLYCOGEN GRANULES IN HEART AND SKELETAL MUSCLE OF TWO AIR-BREATHING, BURROWING FISHES. *Can. J. Zool.* 56 (4): 774-786. Apr. 1978. In English with French summ. SFA 23(3)

71-003006 Hochachka, P. W.; Guppy, M.; Guderley, H. E.; Storey, K. B. and Hulbert, W. C. METABOLIC BIOCHEMISTRY OF WATER- VS. AIR-BREATHING FISHES: MUSCLE ENZYMES AND ULTRASTRUCTURE. *Can. J. Zool.* 56 (4): 736-750. Apr. 1978. In English with French summ. SFA 23(3)

71-003007 Hochachka, P. W.; Storey, K. B.; French, C. J. and Schneider, D. E. HYDROGEN SHUTTLES IN AIR VERSUS WATER BREATHING FISHES. *Comp. Biochem. Physiol. B Comp. Physiol.* 63 (1): 45-56. 1979. SFA 24(3)

71-003008 Hochachka, P. W.,(ed.). PRESSURE EFFECTS ON BIOCHEMICAL SYSTEMS OF ABYSSAL AND MIDWATER ORGANISMS: THE 1973 KONA EXPEDITION OF THE /ALPHA HELIX/. *Comp. Biochem. Physiol. B Comp. Biochem.* 52(1):1-199. Sept. 1975. SFA 22(1)

71-003009 Hodges, D. H., Jr. and Whitmore, D. H., Jr. MUSCLE ESTERASES OF THE MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 58 (4): 401-407. 1977. SFA 23(2)

71-003010 Hoestlandt, H. and A. Devienne. PRÉCISION SUR LA RELATION ENTRE LA DURÉE D'INCUBATION ET LA TEMPÉRATURE CHEZ LE POISSON TÉLÉOSTÉEN, *PERCA FLUVIATILIS* L. [A MORE PRECISE STATEMENT OF THE RELATION BETWEEN INCUBATION TIME AND TEMPERATURE IN THE TELEOSTEEN FISH, *PERCA FLUVIATILIS* L.] *C. R. Seances Acad. Sci. Ser. D Sci. Nat.* 290(16):1123-1125. 28 Apr. 1980. SFA 25(3)

71-003011 Hofer, R. THE ADAPTATION OF DIGESTIVE ENZYMES TO TEMPERATURE SEASON AND DIET IN ROACH, /RUTILUS RUTILUS/ AND RUDD /SCARDINIUS ERYTHROPHTHALMUS/; PROTEASES. *J. Fish Biol.* 15(4):373-379. Oct. 1979 SFA 25(1)

71-003012 Hofer, R. THE ADAPTATION OF DIGESTIVE ENZYMES TO TEMPERATURE, SEASON AND DIET IN ROACH, /RUTILUS RUTILUS/ L. AND RUDD /SCARDINIUS ERYTHROPHTHALMUS/ L. 1. AMYLASE. *J. Fish Biol.* 14 (6): 565-572. June 1979. SFA 24(4)

71-003013 Hofmann, E. L. and Butler, D. G. THE EFFECT OF INCREASED METABOLIC RATE ON RENAL FUNCTION IN THE RAINBOW TROUT /SALMO GAIRDNERI/. *J. Exp. Biol.* 82:11-23. Oct. 1979. SFA 25(1)

71-003014 Hogue, J. J., Jr. and Buchanan, J. P. LARVAL DEVELOPMENT OF SPOTTED SUCKER (/MINYTREMA MELANOPS/). *Trans. Am. Fish. Soc.* 106 (4): 347-353. July 1977. SFA 22(4)

71-003015 Hokanson, K. E. F. TEMPERATURE REQUIREMENTS OF SOME PERCIDS AND ADAPTATIONS TO THE SEASONAL TEMPERATURE CYCLE. *J. Fish. Res. Board Can.* 34 (10): 1524-1550. Oct. 1977. In English with French summ. SFA 23(1)

71-003016 Hokazono, S.; Chichester, C. O.; Tanaka, Y.; Simpson, K. L. and Katayama, T. INTESTINAL TRANSPORT OF L-LYSINE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Bull. Jpn. Soc. Sci. Fish.* 45(7):845-848. July 1979. SFA 25(1)

71-003017 Holbert, P. W.; Boland, E. J. and Olson, K. R. THE EFFECT OF EPINEPHRINE AND ACETYLCHOLINE ON THE DISTRIBUTION OF RED CELLS WITHIN THE GILLS OF THE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *J. Exp. Biol.* 79: 135-146. Apr. 1979. SFA 24(3)

71-003018 Holcombe, R. F.; D. W. Wilde and D. F. Opdyke. VASOMOTOR TONE IN THE DOGFISH SHARK. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(1):135-138. 1980. SFA 25(2)

71-003019 Holder, F.-C. and Guerne, J.-M. DOSAGE RADIO-IMMUNOLOGIQUE DE LA VASOTOCINE HYPOPHYSAIRE CHEZ /PHOXINUS LAEVIS/ AU COURS DE MODIFICATIONS EXPERIMENTALES DE L'EQUILIBRE OSMOTIQUE. [RADIO-IMMUNOLOGICAL DETERMINATION OF HYPOPHYSIAL VASOTOCIN BY /PHOXINUS LAEVIS/ SUBJECTED TO ENVIRONMENTAL SALINITY CHANGES.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 285(8):901-904. 10 Oct. 1977. In French with English summ. SFA 23(1)

71-003020 Holeton, G. F. and Stevens, E. D. SWIMMING ENERGETICS OF AN AMAZONIAN CHARACIN IN 'BLACK' AND 'WHITE' WATER. *Can. J. Zool.* 56 (4): 983-987. Apr. 1978. In English with French summ. SFA 23(3)

71-003021 Holeton, G. F. and Jones, D. R. WATER FLOW DYNAMICS IN THE RESPIRATORY TRACT OF THE CARP (/CYPRINUS CARPIO/ L.). *J. Exp. Biol.* 63 (3): 537-549. Dec. 1975. SFA 22(2)

71-003022 Holeton, G. F. CONSTANCY OF ARTERIAL BLOOD PH DURING CO-INDUCED HYPOXIA IN THE RAINBOW TROUT. *Can. J. Zool.* 55 (6): 1010-1013. June 1977. In English with French summ. SFA 22(4)

71-003023 Holmgren, S. SYMPATHETIC INNERVATION OF THE COELIAC ARTERY FROM A TELEOST, /GADUS MORHUA/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (1): 27-32. 1978. SFA 23(3)

71-003024 Holstein, B. and C. Cederberg. EFFECT OF VAGOTOMY AND GLUCOSE ADMINISTRATION ON GASTRIC ACID SECRETION IN THE ATLANTIC COD, *GADUS MORHUA. Acta Physiol. Scand.* 109(1):37-44. May 1980. SFA 25(4)

71-003025 Holstein, B. and C. S. Humphrey. STIMULATION OF GASTRIC ACID SECRETION AND SUPPRESSION OF VIP-LIKE IMMUNOREACTIVITY BY BOMBESIN IN THE ATLANTIC CODFISH, *GADUS MORHUA. Acta Physiol. Scand.* 109(2):217-223. June 1980. SFA 25(4)

71-003026 Holstein, B. GASTRIC ACID SECRETION AND DRINKING IN THE ATLANTIC COD (/GADUS MORHUA/) DURING ACIDIC OR HYPEROSMOTIC PERFUSION OF THE INTESTINE. *Acta Physiol. Scand.* 106(3):257-265. July 1979. SFA 25(1)

71-003027 Holstein, B. GASTRIC ACID SECRETION AND WATER BALANCE IN THE MARINE TELEOST /GADUS MORHUA/. *Acta Physiol. Scand.* 105 (1): 93-107. Jan. 1979. SFA 24(3)

71-003028 Holub, B. J.; Piekarski, J.; Cho, C. Y. and Slinger, S. J. INCORPORATION OF FATTY ACIDS INTO PHOSPHATIDYLCHOLINE BY ACYL-COA: 1-ACYL-/SN/-GLYCERO-3-PHOSPHORYLCHOLINE ACYLTRANSFERASE IN LIVER OF RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 33(12):821-826. Dec. 1976. In English with French summ. SFA 22(1)

71-003029 Honma, M. and Yamada, J. WATER MOVEMENT AND ALKALINE PHOSPHATASE ACTIVITY IN THE INTESTINE OF STICKLEBACKS ADAPTED TO SEAWATER OR FRESHWATER. *Bull. Fac. Fish. Hokkaido Univ.* 29 (2): 110-117. June 1978. SFA 24(3)

71-003030 Honn, K. V. /IN VIVO/ AND /IN VITRO/ ENDOCRINE AND PARAENDOCRINE RESPONSES OF ELASMOBRANCHS TO ALTERED ENVIRONMENTAL TEMPERATURE. *Ph.D. dissertation, Wayne State Univ.* 621p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2061. Nov. 1977. SFA 23(3)

71-003031 Honn, K. V. and Chavin, W. /IN VITRO/ TROPIC ACTION OF ACTH UPON ADRENOCORTICAL CYCLIC NUCLEOTIDE (CAMP, CGMP) PRODUCTION AND CORTICOSTERONE OUTPUT IN BLUE (/PRIONACE GLAUCA/ LINNAEUS) AND IN MAKO (/ISURUS OXYRINCHUS/ RAFINESQUE) SHARKS. *Gen. Comp. Endocrinol.* 36 (1): 161-169. Sept. 1978. SFA 24(2)

71-003032 Hontela, A. and R. E. Peter. EFFECTS OF PINEALECTOMY, BLINDING, AND SEXUAL CONDITION ON SERUM GONADOTROPIN LEVELS IN THE GOLDFISH. *Gen. Comp. Endocrinol.* 40(2):168-179. Feb. 1980. SFA 25(2)

71-003033 Hooker, W. M.; McMillan, P. J. and Thaete, L. G. ULTIMOBRANCHIAL GLAND OF THE TROUT (/SALMO GAIRDNERI/). II. FINE STRUCTURE. *Gen. Comp. Endocrinol.* 38(3):275-284. July 1979. SFA 25(1)

71-003034 Hooli, A. A. and Nadkarni, V. B. A HISTOLOGICAL AND HISTOCHEMICAL STUDY OF INTERRENAL GLAND IN TWO TELEOSTS, /CIRRHINA MRIGALA/ (HAM) AND /LABEO ROHITA/ (HAM). *J. Anim. Morphol. Physiol.* 23 (1,2): 199-204. June-Dec. 1976. SFA 22(3)

71-003035 Hootman, S. R. LOCALIZATION OF NA+, K+-ACTIVIATED ADENOSINE TRIPHOSPHATASE ACTIVITY IN TELEOST CHLORIDE CELLS: CYTOCHEMICAL AND CELL ISOLATION STUDIES ON THE BRANCHIAL EPITHELIUM OF THE PINFISH, /LAGODON RHOMBOIDES/. *Ph.D. dissertation, Rice Univ.* 150p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1088. Sept. 1978. SFA 24(1)

71-003036 Hopkins, K. D.; Engle, C. R. and Shelton, W. L. ESTROGEN SEX-REVERSAL OF /TILAPIA AUREA/. *Aquaculture* 18(3):263-268. Nov. 1979. SFA 25(1)

71-003037 Hopkirk, G.; Wills, R. B. H. and Townsend, P. R. SEASONAL VARIATION IN LIPID CONTENT OF EELS (/ANGUILLA AUSTRALIS/). *Aust. J. Mar. Freshwater Res.* 26 (2): 271-273. July 1975. SFA 21(4).

71-003038 Hori, K.; Fusetani, N.; Hashimoto, K.; Randall, J. E. and Aida, K. OCCURRENCE OF A GRAMMISTIN-LIKE MUCOUS TOXIN IN THE CLINGFISH /DIADEMICHTHYS LINEATUS/. *Toxicon* 17(4):418-424. 1979. SFA 25(1)

71-003039 Horiuchi, M.; Nakata, M. and Kohga, K. [A NEW CELL LINE FROM CARP SAC-FRY.] *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 147-151. Feb. 1979. In Japanese with English summ. SFA 24(3)

71-003040 Horkel, J. D. and Pearson, W. D. EFFECTS OF TURBIDITY ON VENTILATION RATES AND OXYGEN CONSUMPTION OF GREEN SUNFISH, /LEPOMIS CYANELLUS/. *Trans. Am. Fish. Soc.* 105(1):107-113. Jan. 1976. SFA 21(1).

71-003041 Hornsey, D. J. TRIIODOTHYRONINE AND THYROXINE LEVELS IN THE THYROID AND SERUM OF THE SEA LAMPREY /PETROMYZON MARINUS/ L. *Gen. Comp. Endocrinol.* 31 (3): 381-383. Mar. 1977. SFA 22(3)

71-003042 Horseman, N. D. and Meier, A. H. PROSTAGLANDIN AND THE OSMOREGULATORY ROLE OF PROLACTIN IN A TELEOST. *Life Sci.* 22 (17): 1485-1490. 1 May 1978. SFA 23(3)

71-003043 Horseman, N. D. CIRCADIAN-DEPENDENT MECHANISMS OF PROLACTIN ACTION IN OSMOREGULATION AND HEPATIC LIPOGENESIS. *Ph.D. dissertation, La. State Univ. Agric. Mech. Coll.* 80p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3707. Feb. 1979. SFA 24(3)

71-003044 Hoss, D. E. and Blaxter, J. H. S. THE EFFECT OF RAPED CHANGES OF HYDROSTATIC PRESSURE ON THE ATLANTIC HERRING /CLUPEA HARENGUS/ L. I. LARVAL SURVIVAL AND BEHAVIOUR. *J. Exp. Mar. Biol. Ecol.* 41(1):75-85. 22 Oct. 1979. SFA 25(1)

71-003045 Hoss, D. E.; Peters, D. S.; Hettler, W. F. and Clements, L. C. EXCRETION RATE OF ^{65}ZN: IS IT A USEFUL TOOL FOR ESTIMATING METABOLISM OF FISH IN THE FIELD? *J. Exp. Mar. Biol. Ecol.* 31(3):241-252. Mar. 1978. SFA 23(4)

71-003046 Houston, A. H. and Smeda, J. S. THERMOACCLIMATORY CHANGES IN THE IONIC MICROENVIRONMENT OF HAEMOGLOBIN IN THE STENOTHERMAL RAINBOW TROUT (/SALMO GAIRDNERI/) AND EURYTHERMAL CARP (/CYPRINUS CARPIO/). *J. Exp. Biol.* 80: 317-340. June 1979. SFA 24(4)

71-003047 Houston, A. H. and McCarty, L. S. CARBONIC ANHYDRASE (ACETAZOLAMIDE-SENSITIVE ESTERASE) ACTIVITY IN THE BLOOD, GILL AND KIDNEY OF THE THERMALLY ACCLIMATED RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Exp. Biol.* 73: 15-27. Apr. 1978. SFA 23(3)

71-003048 Houston, A. H. and Mearow, K. M. [^{14}C]PEG-4000, CHLORIDE, CHLORIDE/POTASSIUM AND SODIUM SPACES AS INDICATORS OF EXTRACELLULAR PHASE VOLUME IN THE TISSUES OF RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *Comp. Biochem. Physiol. A Comp. Physiol.* 62(3):747-751. 1979. SFA 24(3)

71-003049 Houston, A. H. and Mearow, K. M. TEMPERATURE-RELATED CHANGES IN THE ERYTHROCYTIC CARBONIC ANHYDRASE (ACETAZOLAMIDE-SENSITIVE ESTERASE) ACTIVITY OF GOLDFISH, /CARASSIUS AURATUS/. *J. Exp. Biol.* 78:255-264. Feb. 1979. SFA 24(3)

71-003050 Houston, A. H. and Rupert, R. IMMEDIATE RESPONSE OF THE HEMOGLOBIN SYSTEM OF THE GOLDFISH, /CARASSIUS AURATUS/, TO TEMPERATURE CHANGE. *Can. J. Zool.* 54 (10): 1737-1741. Oct. 1976. In English with French summ. SFA 21(4)

71-003051 Houston, A. H.; Mearow, K. M. and Smeda, J. S. FURTHER OBSERVATIONS UPON THE HEMOGLOBIN SYSTEMS OF THERMALLY-ACCLIMATED FRESHWATER TELEOSTS: PUMPKINSEED (/LEPOMIS GIBBOSUS/), WHITE SUCKER (/CATOSTOMUS COMMERSONI/), CARP (/CYPRINUS CARPIO/), GOLDFISH (/CARASSIUS AURATUS/) AND CARP-GOLDFISH HYBRIDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (2): 267-273. 1976. SFA 22(1)

71-003052 Howe, D. B. OSMOTIC AND IONIC REGULATION IN THE EURYHALINE, MARINE TELEOST, /OPSANUS TAU/. *Ph.D. dissertation, Duke Univ.* 209p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(12):5776. June 1978. SFA 23(4)

71-003053 Hoyland, J.; Cossins, A. R. and Hill, M. W. THERMAL LIMITS FOR BEHAVIOURAL FUNCTION AND RESISTANCE-ADAPTATION OF GOLDFISH, /CARASSIUS AURATUS/ L. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 129 (3): 241-246. 1979. SFA 24(3)

71-003054 Hudson, A. P. KINETICS OF SYNTHESIS AND SECRETION OF PLASMA PROTEINS IN MARINE TELEOSTS. *Ph.D. Dissertation, City Univ. N.Y.* 172p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(12):5711. June 1978. SFA 23(4)

71-003055 Hudson, A. P.; DeVries, A. L. and Haschemeyer, A. E. V. ANTIFREEZE GLYCOPROTEIN BIOSYNTHESIS IN ANTARCTIC FISHES. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (2): 179-183. 1979. SFA 24(2)

71-003056 Hughes, G. M. and Johnston, I. A. HISTOCHEMISTRY OF SOME TROUT RESPIRATORY MUSCLES. *Experientia (Basel)* 35(10):1373-1376. 15 Oct. 1979. SFA 25(1)

71-003057 Hughes, G. M. and Johnston, I. A. SOME RESPONSES OF THE ELECTRIC RAY (/TORPEDO MARMORATA/) TO LOW AMBIENT OXYGEN TENSIONS. *J. Exp. Biol.* 73: 107-117. Apr. 1978. SFA 23(3)

71-003058 Hughes, G. M. and Nyholm, K. VENTILATION IN RAINBOW TROUT (/SALMO GAIRDNERI/, RICHARDSON) WITH DAMAGED GILLS. *J. Fish Biol.* 14 (3): 285-288. Mar. 1979. SFA 24(3)

71-003059 Hughes, G. M. ON THE RESPIRATION OF /TORPEDO MARMORATA/. *J. Exp. Biol.* 73: 85-105. Apr. 1978. SFA 23(3)

71-003060 Hughes, G. M.; O'Neill, J. G. and van Aardt, W. J. AN ELECTROLYTIC METHOD FOR DETERMINING OXYGEN DISSOCIATION CURVES USING SMALL BLOOD SAMPLES: THE EFFECT OF TEMPERATURE ON TROUT AND HUMAN BLOOD. *J. Exp. Biol.* 65 (1): 21-38. Aug. 1976. SFA 22(3)

71-003061 Hughes, J. B. CALCIUM AND THE STUDY OF THE ACTIVATION OF SUCCINIC DEHYDROGENASE IN THE MUSCLE OF RAINBOW TROUT DURING LOW TEMPERATURE ACCLIMATION. *Ph.D. dissertation, Georgetown Univ.* 233p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(1):33. July 1977. SFA 24(1)

71-003062 Hughes, M. L. and Ikenberry, R. D. OXYGEN CONSUMPTION RATES OF SELECTED SPECIES OF FRESHWATER SCULPINS. *J. Tenn. Acad. Sci.* 54 (2): 71. Apr. 1979. Abstract only. SFA 24(3)

71-003063 Hulbert, W. C. and Moon, T. W. THE POTENTIAL FOR LACTATE UTILIZATION BY RED AND WHITE MUSCLE OF THE EEL /ANGUILLA ROSTRATA/ L. *Can. J. Zool.* 56 (1): 128-135. Jan. 1978. SFA 23(2)

71-003064 Hulbert, W. C.; Murphy, B.; Hochachka, P. W. and Guppy, M. METABOLIS SOURCES OF HEAT AND POWER IN TUNA MUSCLES. I. MUSCLE FINE STURCTURE. *J. Exp. Biol.* 82:289-301. Oct. 1979. SFA 25(1)

71-003065 Hulbert, W. C.; Moon, T. W.; Bailey, J. and Hochachka, P. W. THE OCCURRENCE AND POSSIBLE SIGNIFICANCE OF CHLORIDELIKE CELLS IN THE NEPHRON OF AMAZON FISHES. *Can. J. Zool.* 56 (4): 833-844. Apr. 1978. In English with French summ. SFA 23(3)

71-003066 Hulbert, W. C.; Moon, T. W. and Hochachka, P. W. THE OSTEOGLOSSID GILL: CORRELATIONS OF STRUCTURE, FUNCTION, AND METABOLISM WITH TRANSITION TO AIR BREATHING. *Can. J. Zool.* 56 (4): 801-808. Apr. 1978. In English with French summ. SFA 23(3)

71-003067 Hulbert, W. C.; Moon, T. W. and Hochachka, P. W. THE ERYTHRINID GILL: CORRELATIONS OF STRUCTURE, FUNCTION, AND METABOLISM. *Can. J. Zool.* 56 (4): 814-819. Apr. 1978. In English with French summ. SFA 23(3)

71-003068 Hung, N. M. and Gazaryan, K. G. TRANSPLANTATION OF SOMATIC NUCLEI INTO ACTIVATED EGGS OF BONY FISHES (USING THE LOACH /MISGURNUS FOSSILIS/ AS AN EXAMPLE). *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 9 (1): 67-72. Jan.-Feb. 1978. SFA 24(1)

71-003069 Hunn, J. B. and Christenson, L. M. CHEMICAL COMPOSITION OF BLOOD AND BILE OF THE SHOVELNOSE STURGEON. *Prog. Fish-Cult.* 39 (2): 59-61. Apr. 1977. SFA 22(3)

71-003070 Hunn, J. B. INORGANIC COMPOSITION OF GALLBLADDER BILE FROM FRESHWATER FISHES. *Copeia* 1976 (3): 602-605. Aug. 1976. SFA 21(3).

71-003071 Hunt, D. W. C. and Eales, J. G. THE INFLUENCE OF TESTOSTERONE PROPIONATE ON THYROID FUNCTION OF IMMATURE RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *Gen. Comp. Endocrinol.* 37 (1): 115-121. Jan. 1979. SFA 24(3)

71-003072 Hunt, D. W. C. and Eales, J. G. IODINE BALANCE IN RAINBOW TROUT (/SALMO GAIRDNERI/) AND EFFECTS OF TESTOSTERONE PROPIONATE. *J. Fish. Res. Board Can.* 36 (3): 282-285. Mar. 1979. In English with French summ. SFA 24(3)

71-003073 Hunter, C. and Baker, B. I. THE DISTRIBUTION OF OPIATE ACTIVITY IN THE TROUT PITUITARY GLAND. *Gen. Comp. Endocrinol.* 37 (1): 111-114. Jan. 1979. SFA 24(3)

71-003074 Hunter, F. R. PERMEABILITY OF TROUT ERYTHROCYTES TO NONELECTROLYTES. *Biol. Bull.* 151 (2): 322-330. Oct. 1976. SFA 21(4)

71-003075 Hunter, J. R. and Sanchez, C. DIEL CHANGES IN SWIM BLADDER INFLATION OF THE LARVAE OF THE NORTHERN ANCHOVY, /ENGRAULIS MORDAX/. *NOAA Fish. Bull.* 74 (4): 847-855. Oct. 1976. SFA 22(2)

71-003076 Huriaux, F. and Focant, B. EFFECT OF SOME FACTORS ON THE MOLECULAR WEIGHT DETERMINATION OF A LIGHT CHAIN (LC(3)) OF CARP (/CYPRINUS CARPIO/ L.) SKELETAL MUSCLE MYOSIN BY SDS-POLYACRYLAMIDE GEL ELECTROPHORESIS. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (2): 195-198. 1978. SFA 24(1)

71-003077 Hurlburt, M. E. ROLE OF THE THYROID GLAND IN OVARIAN MATURATION OF THE GOLDFISH, /CARASSIUS AURATUS/ L. *Can. J. Zool.* 55 (11): 1906-1913. Nov. 1977. In English with French summ. SFA 23(1)

71-003078 Hurlburt, M. E. EFFECTS OF THYROXINE ADMINISTRATION ON PLASMA THYROXINE LEVELS IN THE GOLDFISH, /CARASSIUS AURATUS/ L. *Can. J. Zool.* 55 (1): 255-258. Jan. 1977. In English with French summ. SFA 22(4)

71-003079 Hyde, D. TEMPERATURE SENSITIVITY OF THE PHOTORECEPTOR DARK CURRENT IN THE TELEOST RETINA. *J. Therm. Biol.* 1 (2): 61-63. Jan. 1976. SFA 23(4)

71-003080 Hyder, M.; A. V. Shah and A. S. Hartree. METHALLIBURE STUDIES ON TILAPIA. III. EFFECTS OF TILAPIAN PARTIALLY PURIFIED PITUITARY GONADOTROPHIC FRACTIONS ON THE TESTES OF METHALLIBURE-TREATED *SAROTHERODON SPIRULUS* (=*Tilapia nigra*). *Gen. Comp. Endocrinol.* 39(4):475-480. Dec. 1979. SFA 25(2)

71-003081 Hyodo-Taguchi, Y. and Egami, N. CELL POPULATION CHANGE IN INITIATION OF SPERMATOGENESIS FOLLOWING EXPOSURE TO HIGH TEMPERATURE DURING SEXUALLY INACTIVE SEASONS IN THE TELEOST, /ORYZIAS LATIPES/. *Annot. Zool. Jpn.* 49 (2): 96-104. June 1976. SFA 21(4)

71-003082 Iatrou, K.; Spira, A. W. and Dixon, G. H. PROTAMINE MESSENGER RNA: EVIDENCE FOR EARLY SYNTHESIS AND ACCUMULATION DURING SPERMATOGENESIS IN RAINBOW TROUT. *Dev. Biol.* 64 (1): 82-98. May 1978. SFA 23(4)

71-003083 Ichikawa, T. ACETYLCHOLINE IN THE UROPHYSIS OF SEVERAL SPECIES OF TELEOSTS. *Gen. Comp. Endocrinol.* 35 (3): 226-233. July 1978. SFA 23(4)

71-003084 Idler, D. R. and Ng, T. B. STUDIES ON TWO TYPES OF GONADOTROPINS FROM BOTH SALMON AND CARP PITUITARIES. *Gen. Comp. Endocrinol.* 38(4):421-440. Aug. 1979. SFA 25(1)

71-003085 Idler, D. R. and C. M. Campbell. GONADOTROPIN STIMULATION OF ESTROGEN AND YOLK PRECURSOR SYNTHESIS IN JUVENILE RAINBOW TROUT. *Gen. Comp. Endocrinol.* 41(3):384-391. July 1980. SFA 25(4)

71-003086 Idler, D. R. and Hwang, S. J. CONDITIONS FOR OPTIMIZING RECOVERY OF SALMON GONADOTROPIN ACTIVITY FROM CONA SEPHAROSE. *Gen. Comp. Endocrinol.* 36 (4): 642-644. Dec. 1978. SFA 24(3)

71-003087 Idler, D. R.; Hwang, S. J. and Crim, L. W. QUANTIFICATION OF VITELLOGENIN IN ATLANTIC SALMON (/SALMO SALAR/) PLASMA BY RADIOIMMUNOASSAY. *J. Fish. Res. Board Can.* 36 (5): 574-578. May 1979. In English with French summ. SFA 24(3)

71-003088 Idler, D. R.; Shamsuzzaman, K. M. and Burton, M. P. ISOLATION OF PROLACTIN FROM SALMON PITUITARY. *Gen. Comp. Endocrinol.* 35 (4): 409-418. Aug. 1978. SFA 24(1)

71-003089 Iga, T. BLOCKADE OF ALPHA ADRENERGIC RECEPTORS IN FISH MELANOPHORES BY A SULFHYDRYL INHIBITOR, MERSALYL. *Annot. Zool. Jpn.* 52(3):151-156. Sept. 1979. SFA 25(2)

71-003090 Iga, T. POTASSIUM-INDUCED MELANOSOME DISPERSION IN MELANOPHORES OF /ORYZIAS LATIPES/ IS INDEPENDENT OF ADRENERGIC MECHANISMS. *Annot. Zool. Jpn.* 50 (4): 195-202. Dec. 1977. SFA 23(3)

71-003091 Iga, T. THE MODE OF ACTION OF POTASSIUM IONS ON THE LEUKOPHORES OF A FRESHWATER TELEOST, /ORYZIAS LATIPES/. *J. Exp. Zool.* 205 (3): 413-422. Sept. 1978. SFA 23(4)

71-003092 Igram, R. and Wares, W. D. II. OXYGEN CONSUMPTION IN THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/ RAFINESQUE)--II EFFECTS OF PH, OSMOTIC PRESSURE, AND LIGHT LEVEL. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (4): 895-897. 1979. SFA 24(3)

71-003093 Iijima, N. and Zama, K. [INFLUENCE OF OXIDIZED LIPIDS ON THE LIPID METABOLISM IN THE FISH. II. ABSORPTION AND METABOLISM OF PALMITIC ACID-1-^{14}C IN CARP FED WITH OXIDIZED LIPIDS.] *Bull. Fac. Fish. Hokkaido Univ.* 30(1):84-91. Feb. 1979. In Japanese with English summ. SFA 25(1)

71-003094 Iijima, N. and K. Zama. [INFLUENCE OF OXIDIZED LIPIDS ON THE LIPID METABOLISM IN THE FISH. II. ABSORPTION AND METABOLISM OF PALMITIC ACID-1-^{14}C IN CARP FED WITH OXIDIZED LIPIDS]. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):84-91. Feb. 1979. In Japanese with English summ. SFA 25(2)

71-003095 Iijima, N. and Zama, K. [INFLUENCE OF OXIDIZED LIPID ON THE LIPID METABOLISM IN THE FISH. I. CHANGES OF CARP ORGANO-LIPIDS CAUSED BY OXIDIZED LIPID INGESTION.] *Bull. Fac. Fish. Hokkaido Univ.* 29 (3): 282-290. Sept. 1978. In Japanese with English summ. SFA 24(3)

71-003096 Imada, K. [STUDIES ON THE VERTEBRAL MALFORMATION OF FISHES. IV. HISTOLOGICAL OBSERVATION ON THE REPAIR OF FRACTURED GOLDFISH (/CARASSIUS AURATUS/) EXPOSED TO NAC.] *Sci. Rep. Hokkaido Fish Hatchery* 33: 75-87. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-003097 Ince, B. W. AMINO ACID STIMULATION OF INSULIN SECRETION FROM THE *IN SITU* PERFUSED EEL PANCREAS: MODIFICATION BY SOMATOSTATIN, ADRENALINE, AND THEOPHYLLINE. *Gen. Comp. Endocrinol.* 40(3):275-282. Mar. 1980. SFA 25(2)

71-003098 Ince, B. W. and Thorpe, A. PLASMA INSULIN AND GLUCOSE RESPONSES TO GLUCAGON AND CATECHOLAMINES IN THE EUROPEAN SILVER EEL (/ANGUILLA ANGUILLA/ L.). *Gen. Comp. Endocrinol.* 33 (4): 453-459. Dec. 1977. SFA 23(2)

71-003099 Ince, B. W. and Thorpe, A. INSULIN KINETICS AND DISTRIBUTION IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Gen. Comp. Endocrinol.* 35 (1): 1-9. May 1978. SFA 23(4)

71-003100 Ince, B. W. and Thorpe, A. THE EFFECTS OF INSULIN ON PLASMA AMINO ACID LEVELS IN THE NORTHERN PIKE, /ESOX LUCIUS/ L. *J. Fish Biol.* 12 (5): 503-506. May 1978. SFA 23(4)

71-003101 Ince, B. W. and Thorpe, A. THE EFFECTS OF STARVATION AND FORCE-FEEDING ON THE METABOLISM OF THE NORTHERN PIKE, /ESOX LUCIUS/ L. *J. Fish Biol.* 8 (1): 79-88. Jan. 1976. SFA 22(1)

71-003102 Ince, B. W. and Thorpe, A. GLUCOSE AND AMINO ACID-STIMULATED INSULIN RELEASE /IN VIVO/ IN THE EUROPEAN SILVER EEL (/ANGUILLA ANGUILLA/ L.). *Gen. Comp. Endocrinol.* 31 (2): 249-256. Feb. 1977. SFA 22(3)

71-003103 Ince, B. W. INSULIN SECRETION FROM THE /IN SITU/ PERFUSED PANCREAS OF THE EUROPEAN SILVER EEL, /ANGUILLA ANGUILLA/ L. *Gen. Comp. Endocrinol.* 37 (4): 533-540. Apr. 1979. SFA 24(4)

71-003104 Ince, B. W. METABOLIC EFFECTS OF PARTIAL PANCREATECTOMY IN THE NORTHERN PIKE, /ESOX LUCIUS/ L. *J. Fish Biol.* 14 (2): 193-198. Feb. 1979. SFA 24(3)

71-003105 Ingham, L. and Arme, C. INTESTINAL ABSORPTION OF AMINO ACIDS BY RAINBOW TROUT, /SALMO GAIRDNERI/ (RICHARDSON). *J. Comp. Physiol. B Metab. Transp. Funct.* 117 (3): 323-334. 1977. SFA 22(4)

71-003106 Ingleton, P. M. and Stribley, M. F. IMMUNOFLUORESCENT IDENTIFICATION OF THE CELLS OF ORIGIN OF EEL (/ANGUILLA ANGUILLA/) PITUITARY HORMONES SEPARATED BY POLYACRYLAMIDE GEL ELECTROPHORESIS. *Gen. Comp. Endocrinol.* 31 (1): 37-44. Jan. 1977. SFA 22(3)

71-003107 Ingoglia, N. A. 4S RNA IS PRESENT IN REGENERATING OPTIC AXONS OF GOLDFISH. *Science* 206(4414):73-75. 5 Oct. 1979. SFA 25(1)

71-003108 Ingram, G. A. and Alexander, J. B. THE IMMUNE RESPONSE OF BROWN TROUT (/SALMO TRUTTA/ L.) TO INJECTION WITH SOLUBLE ANTIGENS. *Acta Biol. Med. Ger.* 35: 1561-1570. 1976. SFA 23(1)

71-003109 Ingram, G. A. and Alexander, J. B. THE IMMUNOGLOBULIN OF THE BROWN TROUT, /SALMO TRUTTA/ AND ITS CONCENTRATION IN THE SERUM OF ANTIGEN-STIMULATED AND NON-STIMULATED FISH. *J. Fish Biol.* 14 (3): 249-260. Mar. 1979. SFA 24(3)

71-003110 Ingram, G. A. and Alexander, J. B. THE PRIMARY IMMUNE RESPONSE OF BROWN TROUT (/SALMO TRUTTA/) TO INJECTION WITH CELLULAR ANTIGENS. *J. Fish Biol.* 10(1):63-72. Jan. 1977. SFA 22(3)

71-003111 Ingram, G. A. and Alexander, J. B. SERUM PROTEIN CHANGES IN BROWN TROUT (/SALMO TRUTTA/ L.) AFTER SINGLE INJECTIONS OF SOLUBLE AND CELLULAR ANTIGENS. *J. Fish Biol.* 11 (3): 283-291. Sept. 1977. SFA 23(1)

71-003112 Inui, Y. and Gorbman, A. SENSITIVITY OF PACIFIC HAGFISH, /EPTATRETUS STOUTI/, TO MAMMALIAN INSULIN. *Gen. Comp. Endocrinol.* 33(3): 423-427. Nov. 1977. SFA 23(1)

71-003113 Inui, Y. and Gorbman, A. ROLE OF THE LIVER IN REGULATION OF CARBOHYDRATE METABOLISM IN HAGFISH, /EPTATRETUS STOUTI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 181-183. 1978. SFA 23(4)

71-003114 Inui, Y. and Yokote, M. EFFECTS OF GLUCAGON ON AMINO ACID METABOLISM IN JAPANESE EELS, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 33 (2): 167-173. Oct. 1977. SFA 23(1)

71-003115 Inui, Y.; Yu, J. Y.-L. and Gorbman, A. EFFECT OF BOVINE INSULIN ON THE INCORPORATION OF $[^{14}C]$GLYCINE INTO PROTEIN AND CARBOHYDRATE IN LIVER AND MUSCLE OF HAGFISH, /EPTATRETUS STOUTI/. *Gen. Comp. Endocrinol.* 36(1):133-141. Sept. 1978. SFA 24(2)

71-003116 Iriki, M.; Murata, S.; Nagai, M. and Tsuchiya, K. EFFECTS OF THERMAL STIMULATION TO THE SPINAL CORD ON HEART RATE IN CYPRINID FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (1): 61-63. 1976. SFA 22(1)

71-003117 Isaacks, R. E. and D. R. Harkness. ERYTHROCYTE ORGANIC PHOSPHATES AND HEMOGLOBIN FUNCTION IN BIRDS, REPTILES, AND FISHES. *Am. Zool.* 20(1):115-129. 1980. SFA 25(2)

71-003118 Isaacks, R. E.; Kim, H. D. and Harkness, D. R. RELATIONSHIP BETWEEN PHOSPHORYLATED METABOLIC INTERMEDIATES AND WHOLE BLOOD OXYGEN AFFINITY IN SOME AIR-BREATHING AND WATER-BREATHING TELEOSTS. *Can. J. Zool.* 56 (4): 884-890. Apr. 1978. In English with French summ. SFA 23(3)

71-003119 Isaacks, R. E.; Kim, H. D. and Harkness, D. R. INOSITOL DIPHOSPHATE IN ERYTHROCYTES OF THE LUNGFISH, /LEPIDOSIREN PARADOXA/, AND 2,3-DIPHOSPHOGLYCERATE IN ERYTHROCYTES OF THE ARMORED CATFISH, /PTERYGOPLICHTYS/ SP. *Can. J. Zool.* 56 (4): 1014-1016. Apr. 1978. In English with French summ. SFA 23(3)

71-003120 Isaacson, P. A. and N. J. Morrisson III. OCCULT HEMOGLOBIN AS AN INDICATOR OF IMPINGEMENT STRESS IN FISHES. *Prog. Fish-Cult.* 42(1):9. Jan. 1980. SFA 25(2)

71-003121 Isaia, J. NON-ELECTROLYTE PRMEABILITY OF TROUT GILLS: EFFECT OF TEMPERATURE AND ADRENALINE. *J. Physiol.* 286: 361-373. Jan. 1979. SFA 24(2)

71-003122 Isaia, J.; Maetz, J. and Haywood, G. P. EFFECTS OF EPINEPHRINE ON BRANCHIAL NON-ELECTROLYTE PERMEABILITY IN RAINBOW TROUT. *J. Exp. Biol.* 74: 227-237. June 1978. SFA 23(4)

71-003123 Isaia, J.; Payan, P. and Girard, J.-P. A STUDY OF THE WATER PERMEABILITY OF THE GILLS OF FRESHWATER- AND SEAWATER-ADAPTED TROUT (/SALMO GAIRDNERI/): MODE OF ACTION OF EPINEPHRINE. *Physiol. Zool.* 52 (3): 269-279. July 1979. SFA 24(4)

71-003124 Ishihara, T.; Hara, K.; Nakayama, H. and Yasuda, M. [STUDIES OF THIAMINASE I IN MARINE FISH--VII EFFECT OF THIAMINE ON YELLOWTAIL FED WITH SAURY.] *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 653-657. June 1978. In Japanese with English summ. SFA 23(4)

71-003125 Ishihara, T.; Hara, K.; Yagi, M. and Yasuda, M. [STUDIES ON THIAMINASE I IN MARINE FISH--VIII THIAMINE REQUIREMENT OF YELLOWTAIL FED ANCHOVY.] *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 659-664. June 1978. In Japanese with English summ. SFA 23(4)

71-003126 Ishioka, H. [STRESS REACTIONS IN THE MARINE FISH--I. STRESS REACTIONS INDUCED BY TEMPERATURE CHANGES.] *Bull. Jpn. Soc. Sci. Fish.* 46(5):523-531. May 1980. In Japanese with English summ. SFA 25(4)

71-003127 Itazawa, Y. and Takeda, T. AN ESTIMATION OF THE MINIMUM LEVEL OF DISSOLVED OXYGEN IN WATER REQUIRED FOR NORMAL LIFE OF FISH--II. AN EXPERIMENT WITH CARP UNDER CARBON DIOXIDE ACCUMULATION. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 323-327. Mar. 1979. SFA 24(4)

71-003128 Itazawa, Y.; Matsumoto, T. and Kanda, T. [GROUP EFFECTS ON PHYSIOLOGICAL AND ECOLOGICAL PHENOMENA IN FISH--I. GROUP EFFECT ON THE OXYGEN CONSUPMTION OF THE RAINBOW TROUT AND THE MEDAKA.] *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 965-969. Sept. 1978. In Japanese with English summ. SFA 24(1)

71-003129 Iwamatsu, T. and Fujieda, R. STUDIES ON OOCYTE MATURATION OF THE MEDAKA, /ORYZIAS LATIPES/. IV. EFFECT OF TEMPERATURE ON PROGESTRERONE- AND GONADOTROPIN-INDUCED MATURATION. *Annot. Zool. Jpn.* 50 (4): 212-219. Dec. 1977. SFA 23(3)

71-003130 Iwamatsu, T. and Ohta, T. ELECTRON MICROSCOPIC OBSERVATION ON SPERM PENETRATION AND PRONUCLEAR FORMATION IN THE FISH EGG. *J. Exp. Zool.* 205 (2): 157-180. Aug. 1978. SFA 23(4)

71-003131 Iwamatsu, T. and Katoh, T. MATURATION /IN VITRO/ OF OOCYTES OF THE LOACH, /MISGURNUS ANGUILLICAUDATUS/ BY STEROID HORMONES AND GONADOTROPINS. *Annot. Zool. Jpn.* 51 (2): 79-89. June 1978. SFA 23(4)

71-003132 Iwamatsu, T. STUDIES ON OOCYTE MATURATION OF THE MEDAKA, /ORYZIAS LATIPES/. VI. RELATIONSHIPS BETWEEN THE CIRCADIAN CYCLE OF OOCYTE MATURATION AND ACTIVITY OF THE PITUITARY GLAND. *J. Exp. Zool.* 206 (3): 355-364. Dec. 1978. SFA 24(1)

71-003133 Iwata, K. [MORPHOLOGICAL AND PHYSIOLOGICAL STUDIES ON THE PHYTOPLANKTON FEEDERS OF CYPRINIDS--II. DEVELOPMENTAL CHANGES OF ASSIMILATION EFFICIENCY IN TERMS OF CARBON, ESTIMATED BY USING ^{14}C-LABELED GREEN ALGAE IN /CARASSIUS AURATUS CUVIERI/, /HYPOPHTHALMICHTHYS MOLITRIX/ AND /C. AURATUS GRANDOCULIS/.] *Jpn. J. Limnol.* 38(1):19-32. July 1977. In Japanese with English summ. SFA 23(2)

71-003134 Iwata, K.; Kobashi, K. and Hase, J. [STUDIES ON MUSCLE ALKALINE PROTEASE--VII. EFFECT OF THE MUSCULAR ALKALINE PROTEASE AND PROTEIN FRACTIONS PURIFIED FROM WHITE CROAKER AND HORSE MACKEREL ON THE "HIMODORI" PHENOMENON DURING KAMABOKO PRODUCTION.] *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 157-161. Feb. 1979. In Japanese with English summ. SFA 24(3)

71-003135 Iwata, K.; Kobashi, K. and Hase, J. [STUDIES ON MUSCLE ALKALINE PROTEASE--VI. PURIFICATION OF PROTEINS WHICH INDUCE THE "MODORI" PHENOMENON DURING KAMABOKO PRODUCTION AND OF CATHEPSIN A FROM CARP MUSCLE.] *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 181-193. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-003136 Iwata, K.; Nakai, N.; Kobashi, K. and Hase, J. SOME ENZYMATIC PROPERTIES OF CATHEPSIN A FROM CARP WHITE MUSCLE. *Bull. Jpn. Soc. Sci. Fish.* 43 (3): 307-314. Mar. 1977. SFA 22(3)

71-003137 Izower, J. A STUDY OF POSTURAL, LOCOMOTORY, AND ASSOCIATIVE FUNCTIONS OF THE /CORPUS CEREBELLI/, /VALVULA CEREBELLI/, AND /EMINENTIA GRANULARIS/ IN THE CICHILID TELEOST /AEQUIDENS LATIFRONS/ (STEINDACHNER). *Ph.D. dissertation, N.Y. Univ.* 243p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1513. Oct. 1977. SFA 23(3)

71-003138 Jürss, K. THE EFFECT OF CHANGES IN EXTERNAL SALINITY ON THE FREE AMINO ACIDS AND TWO AMINOTRANSFERASES OF WHITE MUSCLE FROM FASTED *SALMO GAIRDNERI* RICHARDSON. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(4):501-504. 1980. SFA 25(3)

71-003139 Jafri, A. K. and Shreni, K. D. VARIATIONS IN THE LIVER CHOLESTEROL OF THE CARP, /CIRRHINA MRIGALA/ DURING MATURATION. *Indian J. Fish.* 21(2): 591-593. 1974. SFA 23(2)

71-003140 Jafri, A. K. and Khawaja, D. K. SEASONAL VARIATIONS OF TISSUE CALCIUM AND PHOSPHORUS IN THE JUVENILES OF THE CATFISH, /WALLAGO ATTU/ (BL. AND SCHN.). *Indian J. Fish.* 22 (1,2): 221-224. 1975. SFA 23(3)

71-003141 Jafri, A. K. and Shaffi, S. A. DISTRIBUTION OF ACID AND ALKALINE PHOSPHATASE ACTIVITY IN THE NORMAL ORGANS OF FRESHWATER TELEOST I--/OPHICEPHALUS PUNCTATUS/ BLOCH. *Broteria Ser. Trimest. Cienc. Nat.* 44 (1-2): 95-100. 1975. SFA 22(1)

71-003142 Jafri, A. K. ON THE FAT-WATER RELATIONSHIP IN THE LIVER OF THE MAJOR CARP, /CIRRHINA MRIGALA/ (HAM.) *Indian J. Fish.* 21 (2): 585-587. 1974. SFA 23(2)

71-003143 Jafri, S. I. H. and Ensor, D. M. OCCURRENCE OF AN INTERSEX CONDITION IN THE ROACH /RUTILUS RUTILUS/ (L). *J. Fish Biol.* 14 (6): 547-549. June 1979. SFA 24(4)

71-003144 Jalabert, B. and B. Breton. ÉVOLUTION DE LA GONADOTROPINE PLASMATIQUE t-GtH APRÈS l'OVULATION CHEZ LA TRUITE ARC-EN-CIEL (*SALMO GAIRDNERI* R.) ET INFLUENCE DE LA RÉTENTION DES OVULES. [EVOLUTION OF PLASMA GONADOTROPIN t-GtH AFTER OVULATION IN THE RAINBOW TROUT (*SALMO GAIRDNERI* R.) AND INFLUENCE OF EGG RETENTION. *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 290(12):799-801. 24 Mar. 1980. SFA 25(3)

71-003145 Jalabert, B.; Breton, B. and Fostier, A. PRECOCIOUS INDUCTION OF OOCYTE MATURATION AND OVULATION IN RAINBOW TROUT (/SALMO GAIRDNERI/): PROBLEMS WHEN USING 17 ALPHA-HYDROXY-20 BETA-DIHYDROPROGESTERONE. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 977-984. 1978. SFA 24(1)

71-003146 James, G. D. EGGS AND LARVAE OF THE TREVALLY /CARANX GEORGIANUS/ (TELEOSTEI: CARANGIDAE). *N. Z. J. Mar. Freshwater Res.* 10 (2): 301-310. June 1976. SFA 21(3).

71-003147 Jansen, P. L. M. and Arias, I. M. BILIRUBIN METABOLISM IN THE SPINY DOGFISH, /SQUALUS ACANTHIAS/, AND THE SMALL SKATE, /RAJA ERINACEA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (3): 255-258. 1977. SFA 22(3)

71-003148 Jansen, W. F. and van Dort, J. B. FURTHER INVESTIGATIONS ON THE STRUCTURE AND FUNCTION OF THE SACCUS VASCULOSUS OF THE RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. ULTRASTRUCTURAL CYTOCHEMISTRY OF MEMBRANE-BOUND ALKALINE PHOSPHATASE. *Cell Tissue Res.* 187 (1): 61-68. 1978. SFA 23(3)

71-003149 Jany, D.-K. STUDIES OF THE DIGESTIVE ENZYMES OF THE STOMACHLESS BONEFISH /CARASSIUS AURATUS GIBELIO/ (BLOCH): ENDOPEPTIDASES. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (1): 31-38. 1976. SFA 22(1)

71-003150 Jaspers, E. J.; Avault, J. W., Jr. and Roussel, J. D. TESTICULAR AND SPERMATOZOAL CHARACTERISTICS OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, OUTSIDE THE SPAWNING SEASON. *Trans. Am. Fish. Soc.* 107 (2): 309-315. Mar. 1978. SFA 23(3)

71-003151 Jellyman, D. J. HERMAPHRODITE EUROPEAN PERCH /PERCA FLUVIATILIS/ L. *N.Z. J. Mar. Freshwater Res.* 10(4):721-723. Dec. 1976. SFA 22(3)

71-003152 Jenkins, N.; J. P. Joss and J. M. Dodd. BIOCHEMICAL AND AUTORADIOGRAPHIC STUDIES ON THE OESTRADIOL-CONCENTRATING CELLS IN THE DIENCEPHALON AND PITUITARY GLAND OF THE FEMALE DOGFISH (*SCYLIORHINUS CANICULA* L.). *Gen. Comp. Endocrinol.* 40(2):211-219. Feb. 1980. SFA 25(2)

71-003153 Jensen, A. J. ENERGY CONTENT ANALYSIS FROM WEIGHT AND LIVER INDEX MEASUREMENTS OF IMMATURE POLLOCK (/POLLACHIUS VIRENS/). *J. Fish. Res. Board Can.* 36(10):1207-1213. Oct. 1979. In English with French summ. SFA 25(1)

71-003154 Jinks, S. M. AN INVESTIGATION OF THE FACTORS INFLUENCING RADIOCESIUM CONCENTRATIONS OF FISH INHABITING NATURAL AQUATIC ECOSYSTEMS. *Ph.D. dissertation, N.Y. Univ.* 308p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-003155 Joassin, L. and Gerday, Ch. THE AMINO ACID SEQUENCE OF THE MAJOR PARVALBUMIN OF THE WHITING (/GADUS MERLANGUS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 57 (2): 159-161. 1977. SFA 22(3)

71-003156 Jobling, M. and Davies, P. S. GASTRIC EVACUATION IN PLAICE, /PLEURONECTES PLATESSA/ L.: EFFECTS OF TEMPERATURE AND MEAL SIZE. *J. Fish Biol.* 14 (6): 539-546. June 1979. SFA 24(4)

71-003157 Jobling, M.; Gwyther, D. and Grove, D. J. SOME EFFECTS OF TEMPERATURE, MEAL SIZE AND BODY WEIGHT ON GASTRIC EVACUATION TIME IN THE DAB /LIMANDA LIMANDA/ (L.). *J. Fish Biol.* 10 (3): 291-298. Mar. 1977. SFA 22(3)

71-003158 Johansen, K.; Lomholt, J. P. and Maloiy, G. M. O. IMPORTANCE OF AIR AND WATER BREATHING IN RELATION TO SIZE OF THE AFRICAN LUNGFISH /PROTOPTERUS AMPHIBIUS/ PETERS. *J. Exp. Biol.* 65 (2): 395-399. Oct. 1976. SFA 22(3)

71-003159 Johansen, K.; Mangum, C. P. and Weber, R. E. REDUCED BLOOD O(2) AFFINITY ASSOCIATED WITH AIR BREATHING IN OSTEOGLOSSID FISHES. *Can. J. Zool.* 56 (4): 891-897. Apr. 1978. In English with French summ. SFA 23(3)

71-003160 Johansen, K.; Mangum, C. P. and Lykkeboe, G. RESPIRATORY PROPERTIES OF THE BLOOD OF AMAZON FISHES. *Can. J. Zool.* 56 (4): 898-906. Apr. 1978. In English with French summ. SFA 23(3)

71-003161 Johansson-Sjobeck, M.-L. THE EFFECTS OF SPLENECTOMY ON THE HEMATOLOGY AND ON THE ACTIVITY OF DELTA-AMINOLEVULINIC ACID DEHYDRATASE (ALA-D) IN HEMATOPOIETIC TISSUES OF THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(3):333-338. 1979. SFA 24(4)

71-003162 Johansson-Sjobeck, M.-L.; Dave, G.; Larsson, A.; Lewander, K. and Lidman, U. HEMATOLOGICAL EFFECTS OF CORTISOL IN THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 165-168. 1978. SFA 23(4)

71-003163 Johansson-Sjobeck, M.-L. and Stevens, J. D. HAEMATOLOGICAL STUDIES ON THE BLUE SHARK, /PRIONACE GLAUCA/ L. *J. Mar. Biol. Assoc. U.K.* 56 (1): 237-240. Feb. 1976. SFA 22(3)

71-003164 John, T. M.; F. W. H. Beamish and J. C. George. DIURNAL VARIATION IN THE EFFECT OF EXOGENOUS INDOLEAMINES ON BLOOD METABOLITE LEVELS IN THE RAINBOW TROUT. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 65(2):105-109. 1980. SFA 25(3)

71-003165 Johns, P. A. R. GROWTH OF THE ADULT GOLDFISH RETINA. *Ph.D. dissertation, Univ. Mich.* 231 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-003166 Johnson, S. L.; Ewing, R. D. and Lichatowich, J. A. CHARACTERIZATION OF GILL (NA+K)-ACTIVATED ADENOSINE TRIPHOSPHATASE FROM CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/. *J. Exp. Zool.* 199(3):345-354. Mar. 1977. SFA 22(3)

71-003167 Johnston, I. A. and T. W. Moon. ENDURANCE EXERCISE TRAINING IN THE FAST AND SLOW MUSCLES OF A TELEOST FISH (*POLLACHIUS VIRENS*). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 135(2):147-156. 1980. SFA 25(2)

71-003168 Johnston, I. A. A COMPARATIVE STUDY OF GLYCOLYSIS IN RED AND WHITE MUSCLES OF THE TROUT (/SALMO GAIRDNERI/) AND MIRROR CARP (/CYPRINUS CARPIO/). *J. Fish Biol.* 11 (6): 575-588. Dec. 1977. SFA 23(2)

71-003169 Johnston, I. A. CALCIUM REGULATORY PROTEINS AND TEMPERATURE ACCLIMATION OF ACTOMYOSIN ATPASE FROM A EURYTHERMAL TELEOST (/CARASSIUS AURATUS/ L.). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 129 (2): 163-167. 31 Jan. 1979. SFA 24(2)

71-003170 Johnston, I. A. and Walesby, N. J. EVOLUTIONARY TEMPERATURE ADAPTATION AND THE CALCIUM REGULATION OF FISH ACTOMYOSIN ATPASES. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 129 (2): 169-177. 31 Jan. 1979. SFA 24(2)

71-003171 Johnston, I. A.; Davison, W. and Goldspink, G. ENERGY METABOLISM OF CARP SWIMMING MUSCLES. *J. Comp. Physiol. B Metab. Transp. Funct.* 114 (2): 203-216. 1977. SFA 22(3)

71-003172 Johnston, I. A. STUDIES ON THE SWIMMING MUSCULATURE OF THE RAINBOW TROUT. II. MUSCLE METABOLISM DURING SEVERE HYPOXIA. *J. Fish Biol.* 7 (4): 459-467. July 1975. SFA 22(2)

71-003173 Johnston, I. A.; Ward, P. S. and Goldspink, G. STUDIES ON THE SWIMMING MUSCULATURE OF THE RAINBOW TROUT. I. FIBRE TYPES. *J. Fish Biol.* 7 (4): 451-458. July 1975. SFA 22(2)

71-003174 Johnston, I. A. ANAEROBIC METABOLISM IN THE CARP (/CARASSIUS CARASSIUS/ L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 51 (2): 235-241. June 1975. SFA 22(1)

71-003175 Johnston, I. and Lucking, M. TEMPERATURE INDUCED VARIATION IN THE DISTRIBUTION OF DIFFERENT TYPES OF MUSCLE FIBRE IN THE GOLDFISH (/CARASSIUS AURATUS/). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 111-116. 1978. SFA 23(3)

71-003176 Jones, B. C. and Geen, G. H. REPRODUCTION AND EMBRYONIC DEVELOPMENT OF SPINY DOGFISH (/SQUALUS ACANTHIAS/) IN THE STRAIT OF GEORGIA, BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 34 (9): 1286-1292. Sept. 1977. SFA 22(4)

71-003177 Jones, B. J. and Pearson, W. D. VARIATIONS IN HEMATOCRIT VALUES OF SUCCESSIVE BLOOD SAMPLES FROM BLUEGILL. *Trans. Am. Fish. Soc.* 105 (2): 291-293. Mar. 1976. SFA 21(2).

71-003178 Jones, R. T.; Sanefugi, H. and Hinton, D. E. LONG-TERM CULTURE OF FISH KIDNEY TUBULES. *Am. Zool.* 18 (3): 671. 1978. Abstract only. SFA 24(2)

71-003179 Jordan, J. THE INFLUENCE OF BODY WEIGHT ON GAS EXCHANGE IN THE AIR-BREATHING FISH, /CLARIAS BATRACHUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 305-310. 1976. SFA 22(1)

71-003180 Joshi, B. D. and Tandon, R. S. THE CORRELATION OF BODY SIZE AND SOME HAEMATOLOGIC VALUES OF THE FRESH WATER FISH. I. /CLARIAS BATRACHUS/ (L.). *J. Anim. Morphol. Physiol.* 24 (2): 339-343. Dec. 1977. SFA 23(3)

71-003181 Joshi, B. N. and A. G. Sathyanesan. ANNUAL CYCLICAL CHANGES IN THE MONOAMINE OXIDASE (MAO) ACTIVITY IN THE TESTIS OF THE TELEOST, *CHANNA PUNCTATUS* (BLOCH). *Gen. Comp. Endocrinol.* 41(2):240-242. June 1980. SFA 25(3)

71-003182 Jurss, K. EFFECTS OF TEMPERATURE, SALINITY, AND FEEDING ON AMINOTRANSFERASE ACTIVITY IN THE LIVER AND WHITE MUSCLE OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Comp. Biochem. Physiol. B Comp. Biochem.* 64(2):213-218. 1979. SFA 25(1)

71-003183 Jurss, K. THE EFFECT OF PYRIDOXINE DEFICIENCY ON AMINOTRANSFERASE ACTIVITY IN LIVER AND WHITE MUSCLE OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (3): 385-389. 1978. SFA 24(2)

71-003184 Kachina, T. F. FEATURES OF THE RATE OF SEXUAL MATURATION OF THE PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/, AS EXEMPLIFIED BY THE KORFA-KARAGA POPULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 267-276. 1977. SFA 23(3)

71-003185 Kah, O.; Chambolle, P. and Olivereau, M. INNERVATION AMINERGIQUE HYPOTHALAMO-HYPOPHYSAIRE CHEZ /GAMBUSIA/ SP. (TELEOSTEEN POECILIDE) ETUDIEE PAR DEUX TECHNIQUES DE FLUORESCENCE. [AMINERGIC INNERVATION OF THE HYPOTHALAMO-HYPOPHYSEAL SYSTEM IN /GAMBUSIA/ SP. (TELEOST, POECILIDAE) STUDIED BY TWO FLUORESCENCE TECHNIQUES.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 286 (9): 705-708. 6 Mar. 1978. In French with English summ. SFA 23(3)

71-003186 Kaji, S.; Satou, M.; Kudo, Y.; Ueda, K. and Gorbman, A. SPECTRAL ANALYSIS OF OLFACTORY RESPONSES OF ADULT SPAWNING CHUM SALMON (/ONCORHYNCHUS KETA/) TO STREAM WATERS. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (4): 711-716. Aug. 1975. SFA 22(1)

71-003187 Kalac, J. STUDIES ON HERRING (/CULPEA HARENGUS/ L.) AND CAPELIN (/MALLOTUS VILLOSUS/ L.) PYLORIC CAECA PROTEASES III: CHARACTERIZATION OF THE ANIONIC FRACTIONS OF CHYMOTRYPSINS. *Biologia (Bratisl.)* 33 (12): 939-949. 1978. In English with Czech and Russian summ. SFA 24(2)

71-003188 Kallner, A. A STUDY OF THE CONVERSION OF CHOLESTEROL TO BILE ACIDS BY THE USE OF A FISTULATED BILE DUCT. *J. Fish Biol.* 11 (4): 343-347. Oct. 1977. SFA 23(1)

71-003189 Kalmijn, A. J. THE ELECTRIC AND MAGNETIC SENSE OF SHARKS, SKATES, AND RAYS. *Oceanus* 20 (3): 45-52. 1977. SFA 22(4)

71-003190 Kaloustian, K. V. and Poluhowich, J. J. THE ROLE OF ORGANIC PHOSPHATES IN MODULATING THE OXYGENATION BEHAVIOR OF EEL HEMOGLOBIN. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 245-248. 1976. SFA 22(1)

71-003191 Kamoi, I.; T. Suzuki and T. Obara. [ENZYMATIC PROPERTIES OF PYLORIC CAECA CARBOXYLESTERASE IN YOUNG YELLOWTAIL.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):69-74. Jan. 1980. SFA 25(2)

71-003192 Kao, Y.-H. J. and Farley, T. M. THERMAL MODULATION OF PYRUVATE SUBSTRATE INHIBITION IN THE B^2'(4) AND B^2"(4) LIVER LACTATE DEHYDROGENASES OF RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. B Comp. Biochem.* 60(2):153-155. 1978. SFA 23(4)

71-003193 Kao, Y.-H. J. and Farley, T. M. PURIFICATION AND PROPERTIES OF ALLELIC LACTATE DEHYDROGENASE ISOZYMES AT THE B^2 LOCUS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. B Comp. Biochem.* 61(4):507-512. 1978. SFA 24(1)

71-003194 Kapoor, C. P. EFFECT OF FOLLICLE STIMULATING HORMONE ON FEMALE /PUNTIUS TICTO/ (HAM). *J. Anim. Morphol. Physiol.* 25(1/2):110-118. June-Dec. 1978. SFA 25(1)

71-003195 Kapur, K. and Toor, H. S. THE EFFECT OF METHALLIBURE (I.C.I. 33, 828) ON THE STEROIDOGENESIS IN THE OVARY AND TESTIS OF A FRESH WATER TELEOST, /CYPRINUS CARPIO/. *Experientia (Basel)* 34 (6): 811-812. 15 June 1978. SFA 23(4)

71-003196 Kapur, K. and Toor, H. S. THE EFFECT OF CLOMIPHENE CITRATE ON OVULATION AND SPAWNING IN INDOMETHACIN TREATED CARP, /CYPRINUS CARPIO/. *J. Fish Biol.* 14 (1): 59-66. Jan. 1979. SFA 24(2)

71-003197 Kapur, K. and Toor, H. S. THE EFFECT OF GONADOTROPHINS ON THE STEROIDOGENESIS, IN THE OVARY AND TESTIS OF GONADOTROPHIN-DEPRIVED FRESH WATER TELEOST, /CYPRINUS CARPIO/. *Experientia (Basel)* 35 (1): 130-131. 15 Jan. 1979. SFA 24(2)

71-003198 Karmanova, I. G. and Lazarev, S. G. NEW DATA ON THE NEUROPHYSIOLOGY OF SLEEP OF FISH AND AMPHIBIANS (THE GENESIS OF THE SLOW-WAVE PARADOXICAL PHASES OF SLEEP OF WARM-BLOODED ANIMALS). *Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 245:844-847. Sept. 1979. SFA 25(1)

71-003199 Karnaky, K. J., Jr. and Kinter, W. B. KILLIFISH OPERCULAR SKIN: A FLAT EPITHELIUM WITH A HIGH DENSITY OF CHLORIDE CELLS. *J. Exp. Zool.* 199 (3): 355-364. Mar. 1977. SFA 22(3)

71-003200 Karpenko, G. I. THE EFFECT OF SALINITY ON THE EGGS AND EMBRYOS OF THE "SHEMAYA" (/CHALCALBURNUS CHALCOIDES SCHISCHKOVI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 993-995. 1974. SFA 21(2).

71-003201 Karzinkin, G. S., (ed.). METABOLISM AND BIOCHEMISTRY OF FISHES. *Translated from Russian and published for the U.S. Department of the Interior, Fish and Wildlife Service and the National Science Foundation, Washington, D.C., by the Indian National Scientific Documentation Centre, Hillside Road, New Delhi, India.* 552p. 1977. SFA 23(3)

71-003202 Kashapova, L. A. and Sakharov, D. A. NATURE OF THE CATECHOLAMINE-CONTAINING CELLS IN THE TRUNK MUSCLES OF THE LAMPREY /LAMPETRA FLUVIATILIS/. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 237 (1-6): 510-513. May 1978. SFA 23(4)

71-003203 Kassel, J. and Davis, R. E. RECOVERY OF FUNCTION FOLLOWING SIMULATANEOUS AND SERIAL TELENCEPHALON ABLATION IN THE TELEOST, /MACROPODUS OPERCULARIS/. *Behav. Biol.* 21 (4): 489-499. Dec. 1977. SFA 23(2)

71-003204 Katsuyama, M. and Matsuno, T. ISOLATION AND INDENTIFICATION OF RHODOXANTHIN FROM THE FISH, /TILAPIA NILOTICA/. *Bull. Jpn. Soc. Sci. Fish.* 45(8):1045. Aug. 1979. SFA 25(1)

71-003205 Katz, A. H. and Katz, H. M. EFFECTS OF DL-THYROXINE ON SWIMMING SPEED IN PEARL DANIO /BRACHYDANIO ALBOLINEATUS/ (BLYTH). *J. Fish Biol.* 12 (6): 527-530. June 1978. SFA 23(4)

71-003206 Katz, L. M. LABORATORY STUDIES ON DIET, GROWTH, AND ENERGY REQUIREMENTS OF /FUNDULUS HETEROCLITUS/ (LINNAEUS). *Ph.D. dissertation, Univ. Del.* 81p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

71-003207 Kaur, K. and Toor, H. S. EFFECT OF DISSOLVED OXYGEN ON THE SURVIVAL AND HATCHING OF EGGS OF SCALE CARP. *Prog. Fish-Cult.* 40 (1): 35-37. Jan. 1978. SFA 23(2)

71-003208 Kaushik, S. and Luquet, P. ENDOGENOUS NITROGEN LOSS FROM THE MUSCLE OF RAINBOW TROUT STARVED IN FRESH WATER AND SEA WATER. *Ann. Hydrobiol.* 8 (2): 129-134. 1977. In English with French summ. SFA 23(1)

71-003209 Kaushik, S. and Luquet, P. STUDY OF FREE AMINO ACIDS IN RAINBOW TROUT IN RELATION TO SALINITY CHANGES. I. BLOOD FREE AMINO ACIDS DURING STARVATION. *Ann. Hydrobiol.* 8 (2): 135-144. 1977. In English with French summ. SFA 23(1)

71-003210 Kaushik, S. and Luquet, P. STUDY OF FREE AMINO ACIDS IN RAINBOW TROUT IN RELATION TO SALINITY CHANGES. II--MUSCLE FREE AMINO ACIDS DURING STARVATION. *Ann. Hydrobiol.* 8 (3): 375-387. 1977. In English with French summ. SFA 24(2)

71-003211 Kaushik, S. J. and Luquet, P. INFLUENCE OF DIETARY AMINO ACID PATTERNS ON THE FREE AMINO ACID CONTENTS OF BLOOD AND MUSCLE OF RAINBOW TROUT (/SALMO GAIRDNERII/ R.). *Comp. Biochem. Physiol. B Comp. Biochem.* 64(2):175-180. 1979. SFA 25(1)

71-003212 Kaushik, S.; Harache, Y. and Luquet, P. VARIATIONS IN THE TOTAL FREE AMINO ACIDS LEVEL IN RAINBOW TROUT MUSCLE AND BLOOD DURING ITS ADAPTATION TO SEA WATER. *Ann. Hydrobiol.* 8 (2): 145-151. 1977. In English with French summ. SFA 23(1)

71-003213 Kavaliers, M. and C. L. Ralph. PINEAL INVOLVEMENT IN THE CONTROL OF BEHAVIORAL THERMOREGULATION OF THE WHITE SUCKER, *CATOSOMUS COMMERSONI*. *J. Exp. Zool.* 212(2):301-303. May 1980. SFA 25(4)

71-003214 Kavaliers, M. and Abbott, F. S. RHYTHMIC COLOUR CHANGE OF THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Can. J. Zool.* 55 (3): 553-561. Mar. 1977. In English with French summ. SFA 22(4)

71-003215 Kavaliers, M. PINEAL INVOLVEMENT IN THE CONTROL OF CIRCADIAN RHYTHMICITY IN THE LAKE CHUB, /COUESIUS PLUMBEUS/. *J. Exp. Zool.* 209 (1): 33-40. July 1979. SFA 24(4)

71-003216 Kavaliers, M. PINEAL INVOLVEMENT IN THE CIRCADIAN ORGANIZATION OF FISH. *Am. Zool.* 18 (3): 589. 1978. Abstract only. SFA 24(2)

71-003217 Kavaliers, M. THE PINEAL ORGAN AND CIRCADIAN ORGANIZATION OF TELEOST FISH. *Rev. Can. Biol.* 38(4):281-292. Dec. 1979. In English with French summ. SFA 25(2)

71-003218 Kawauchi, H.; K. Abe and A. Takahashi. CORTICOTROPIN LIKE INTERMEDIATE LOBE PEPTIDE IN THE SALMON PITUITARY. *Bull. Jpn. Soc. Sci. Fish.* 46(6):743-747. June 1980. SFA 25(4)

71-003219 Kaya, C. M. THERMAL RESISTANCE OF RAINBOW TROUT FROM A PERMANENTLY HEATED STREAM, AND OF TWO HATCHERY STRAINS. *Prog. Fish-Cult.* 40 (4): 138-142. Oct. 1978. SFA 24(2)

71-003220 Kayama, M.; Mankura, M. and Dalimunthe, D. COMPARATIVE BIOCHEMICAL STUDIES ON PLASMA CHOLESTEROL--I. ACTIVITY OF CARP PLASMA LECITHIN: CHOLESTEROL ACYLTRANSFERASE. *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 523-525. Apr. 1979. SFA 24(4)

71-003221 Kayes, T. B. HYPOPHYSEAL GROWTH HORMONE AND THE CONTROL OF GROWTH IN THE BLACK BULLHEAD (/ICTALURUS MELAS/, RAFINESQUE). *Ph.D. dissertation, Univ. Wis.* 164p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(10):4769. Apr. 1979. SFA 24(3)

71-003222 Kayes, T. EFFECTS OF HYPOPHYSECTOMY, BEEF GROWTH HORMONE REPLACEMENT THERAPY, PITUITARY AUTOTRANSPLANTATION, AND ENVIRONMENTAL SALINITY ON GROWTH IN THE BLACK BULLHEAD (/ICTALURUS MELAS/). *Gen. Comp. Endocrinol.* 33 (3): 371-381. Nov. 1977. SFA 23(1)

71-003223 Kayes, T. EFFECTS OF HYPOPHYSECTOMY AND BEEF GROWTH HORMONE REPLACEMENT THERAPY ON MORPHOMETRIC AND BIOCHEMICAL INDICATORS OF GROWTH IN THE FED VERSUS STARVED BLACK BULLHEAD (/ICTALURUS MELAS/). *Gen. Comp. Endocrinol.* 34 (4): 419-431. Aug. 1978. SFA 24(1)

71-003224 Kelly, K. F.; B. J. S. Pirie; M. V. Bell and J. R. Sargent. A LIGHT MICROSCOPIC STUDY OF THE ACTION OF SODIUM ORTHOVANADATE ON THE GILLS OF FRESH-WATER AND SEA-WATER EELS (*ANGUILLA ANGUILLA* L.). *J. Mar. Biol. Assoc. U.K.* 59(4):859-865. Nov. 1979. SFA 25(2)

71-003225 Kent, B. and Peirce, E. C. II. CARDIOVASCULAR RESPONSES TO CHANGES IN BLOOD GASES IN DOGFISH SHARK, /SQUALUS ACANTHIAS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (1): 37-44. 1978. SFA 23(3)

71-003226 Kent, J. and C. L. Prosser. EFFECTS OF INCUBATION AND ACCLIMATION TEMPERATURES ON INCORPORATION OF U-[^{14}C] GLYCINE INTO MITOCHONDRIAL PROTEIN OF LIVER CELLS AND SLICES FROM GREEN SUNFISH, *LEPOMIS CYANELLUS*. *Physiol. Zool.* 53(3):293-304. July 1980. SFA 25(4)

71-003227 Kent, J. D. and Hart, R. G. THE EFFECT OF TEMPERATURE AND PHOTOPERIOD ON ISOZYME INDUCTION IN SELECTED TISSUES OF THE CREEK CHUB /SEMOTILUS ATROMACULATUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 77-80. 1976. SFA 22(1)

71-003228 Kernehan, R. J. A BIBLIOGRAPHY OF EARLY LIFE STAGES OF FISHES. *Ichthyol. Assoc. Inc. Bull.* No. 14. 190p. 1976. SFA 21(4)

71-003229 Kerstens, A.; J. P. Lomholt and K. Johansen. THE VENTILATION, EXTRACTION AND UPTAKE OF OXYGEN IN UNDISTURBED FLOUNDERS, *PLATICHTHYS FLESUS*: RESPONSES TO HYPOXIA ACCLIMATION. *J. Exp. Biol.* 83:169-179. Dec. 1979. SFA 25(2)

71-003230 Kerstetter, T. H. and Mize, R. RESPONSES OF TROUT GILL ION TRANSPORT SYSTEMS TO ACUTE ACIDOSIS. *J. Exp. Biol.* 64(2):511-515. Apr. 1976. SFA 22(1)

71-003231 Kerstetter, T. H. and Keeler, M. ON THE INTERACTION OF NH(4)+ AND NA+ FLUXES IN THE ISOLATED TROUT GILL. *J. Exp. Biol.* 64(2):517-527. Apr. 1976. SFA 22(1)

71-003232 Khan, H. A.; Ghosh, B. B. and Mukhopadhyay, S. K. OBSERVATIONS ON THE SALINITY TOLERANCE OF /ANABAS TESTUDINEUS/ (BLOCH). *J. Inland Fish. Soc. India* 8: 111-112. Dec. 1976. SFA 24(3)

71-003233 Khlebovich, V. V.; Vinogradov, G. A.; Dirin, D. K. and L'vova, T. G. SODIUM AND CALCIUM METABOLISM OF PINK SALMON (/ONCORHYNCHUS GORBUSCHA/) EGGS DURING THE FIRST FEW HOURS AFTER FERTILIZATION IN WATERS DIFFERING IN THEIR CONTENT OF DISSOLVED SALTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 504-507. 1977. SFA 23(3)

71-003234 Khoo, K. H. THE HISTOCHEMISTRY AND ENDOCRINE CONTROL OF VITELLOGENESIS IN GOLDFISH OVARIES. *Can. J. Zool.* 57 (3): 617-626. Mar. 1979. In English with French summ. SFA 24(3)

71-003235 Khoo, K. H. THE CORPUS LUTEUM OF GOLDFISH (/CARASSIUS AURATUS/ L.) AND ITS FUNCTIONS. *Can. J. Zool.* 53 (9): 1306-1323. Sept. 1975. In English with French summ. SFA 22(1)

71-003236 Kiceniuk, J. W. and Jones, D. R. THE OXYGEN TRANSPORT SYSTEM IN TROUT (/SALMO GAIRDNERI/) DURING SUSTAINED EXERCISE. *J. Exp. Biol.* 69: 247-260. Aug. 1977. SFA 23(1)

71-003237 Kiceniuk, J. W. SOME ASPECTS OF EXERCISE PHYSIOLOGY IN FISH. *Ph.D. dissertation, Univ. British Columbia* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-003238 Kikuchi, T.; Honda, H.; Ishikawa, M.; Yamanaka, H. and Amano, K. [EXCRETION OF MERCURY FROM FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 217-222. Mar. 1978. SFA 23(3)

71-003239 Kilambi, R. V. and A. Zdinak. THE EFFECTS OF ACCLIMATION ON THE SALINITY TOLERANCE OF GRASS CARP, *CTENOPHARYNGODON IDELLA* (CUV. AND VAL.). *J. Fish Biol.* 16(2):171-175. Feb. 1980. SFA 25(2)

71-003240 Kim, H. D. and Isaacks, R. E. THE MEMBRANE PERMEABILITY OF NONELECTROLYTES AND CARBOHYDRATE METABOLISM OF AMAZON FISH RED CELLS. *Can. J. Zool.* 56(4):863-869. Apr. 1978. In English with French summ. SFA 23(3)

71-003241 Kim, H. D. and Isaacks, R. E. THE OSMOTIC FRAGILITY AND CRITICAL HEMOLYTIC VOLUME OF RED BLOOD CELLS OF AMAZON FISHES. *Can. J. Zool.* 56(4):860-862. Apr. 1978. In English with French summ. SFA 23(3)

71-003242 Kim, Y. S.; Sar, M. and Stumpf, W. E. ESTROGEN TARGET CELLS IN THE PITUITARY OF PLATYFISH, /XIPHOPHORUS MACULATUS/. *Cell Tissue Res.* 198 (3): 435-440. 1979. SFA 24(3)

71-003243 Kime, D. E. THE EFFECT OF TEMPERATURE ON THE TESTICULAR STEROIDOGENIC ENZYMES OF THE RAINBOW TROUT, /SALMO GAIRDNERI/. *Gen. Comp. Endocrinol.* 39(3):290-296. Nov. 1979. SFA 25(1)

71-003244 Kime, D. E. and E. A. Hews. STEROID BIOSYNTHESIS BY THE OVARY OF THE HAGFISH *MYXINE GLUTINOSA*. *Gen. Comp. Endocrinol.* 42(1):71-75. Sept. 1980. SFA 25(4)

71-003245 Kime, D. E. and Hews, E. A. /IN VITRO/ BIOSYNTHESIS OF 11BETA-HYDROXY- AND 11-OXOTESTOSTERONE BY TESTES OF THE PIKE (/ESOX LUCIUS/) AND THE PERCH (/PERCA FLUVIATILIS/). *Gen. Comp. Endocrinol.* 36 (4): 604-608. Dec. 1978. SFA 24(3)

71-003246 Kime, D. E. MEASUREMENT OF 1ALPHA-HYDROXYCORTICOSTERONE AND OTHER CORTICOSTEROIDS IN ELASMOBRANCH PLASMA BY RADIOIMMUNOASSAY. *Gen. Comp. Endocrinol.* 33 (3): 344-351. Nov. 1977. SFA 23(1)

71-003247 Kime, D. E. STEROID BIOSYNTHESIS BY THE TESTES OF THE DOGFISH /SCYLIORHINUS CANICULUS/. *Gen. Comp. Endocrinol.* 34 (1): 6-17. Jan. 1978. SFA 23(2)

71-003248 Kime, D. E. THE HEPATIC CATABOLISM OF CORTISOL IN TELEOST FISH--ADRENAL ORIGIN OF 11-OXOTESTOSTERONE PRECURSORS. *Gen. Comp. Endocrinol.* 35 (3): 322-328. July 1978. SFA 23(4)

71-003249 Kime, D. E.; E. A. Hews and J. Rafter. STEROID BIOSYNTHESIS BY TESTES OF THE HAGFISH *MYXINE GLUTINOSA*. *Gen. Comp. Endocrinol.* 41(1):8-13. May 1980. SFA 25(3)

71-003250 Kimmel, C. B.; Sessions, S. K. and Kimmel, R. J. RADIOSENSITIVITY AND TIME OF ORIGIN OF MAUTHNER NEURON IN THE ZEBRA FISH. *Dev. Biol.* 62 (2): 526-529. Feb. 1978. SFA 24(2)

71-003251 Kimura, I.; Murozuka, T. and Arai, K. [COMPARATIVE STUDIES ON BIOCHEMICAL PROPERTIES OF MYOSINS FROM FROZEN MUSCLE OF MARINE FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 43 (3): 315-321. Mar. 1977. In Japanese with English summ. SFA 22(3)

71-003252 Kimura, S.; Akashi, Y. and Kubota, M. CARP CONNECTIN: ITS CONTENTS IN WHITE AND DARK MUSCLES. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 237-240. Feb. 1979. SFA 24(3)

71-003253 Kimura, S.; Fujii, K.; Kubota, M. and Maruyama, K. CARP CONNECTIN: REDUCIBLE CROSSLINKS IN NATIVE FIBRILS. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 241-243. Feb. 1979. SFA 24(3)

71-003254 King, P. A.; C.-J. Cha and L. Goldstein. AMINO ACID METABOLISM AND CELL VOLUME REGULATION IN THE LITTLE SKATE, *RAJA ERINACEA*. II. SYNTHESIS. *J. Exp. Zool.* 212(1):79-86. Apr. 1980. SFA 25(3)

71-003255 King, P. A.; C.-J. Cha and L. Goldstein. AMINO ACID METABOLISM AND CELL VOLUME REGULATION IN THE LITTLE SKATE, *RAJA ERINACEA*. I. OXIDATION. *J. Exp. Zool.* 212(1):69-77. Apr. 1980. SFA 25(3)

71-003256 Kirilenko, N. S.; Mel'nikov, G. B.; Grinberg, L. R. and Nazimirova, N. I. THE DIGESTIBILITY OF THE CRUDE PROTEIN AND NEUTRAL FAT OF SOME MICROALGAE BY /TILAPIA MOSSAMBICA/ PETERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 151-155. 1975. SFA 21(2).

71-003257 Kirk, W. L. EFFECT OF SODIUM CHLORIDE ON BLOOD LACTATE AND PH OF CHANNEL CATFISH DURING RECOVERY FROM HYPOXIA. *Prog. Fish-Cult.* 38(1):48-50. Jan. 1976. SFA 21(1).

71-003258 Kirschbaum, F.; Denizot, J. P. and Tsuji, S. ON THE ELECTROMOTOR NEURONS OF BOTH ELECTRIC ORGANS OF /POLLIMYRUS ISIDORI/ (MORMYRIDAE, TELEOSTEI). *J. Physiol. (Paris)* 75:429-433. 1979. SFA 25(1)

71-003259 Kirschner, L. B. USES AND LIMITATIONS OF INULIN AND MANNITOL FOR MONITORING GILL PERMEABILITY CHANGES IN THE RAINBOW TROUT. *J. Exp. Biol.* 85:203-211. Apr. 1980. SFA 25(3)

71-003260 Kitahara, T. and Saito, K. [BIOCHEMICAL STUDIES OF CAROTENOIDS IN THE CHUM SALMON (/ONCORHYNCHUS KETA/) DURING UP-STREAM MIGRATION FOR SPAWNING--V. BEHAVIOR OF CAROTENOIDS IN THE KOKANEE (/O. NERKA/) WITH THE ADVANCEMENT OF MATURATION.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 31: 29-36. 1977. In Japanese with English summ. SFA 22(4)

71-003261 Kitay, D. S. and Westfall, T. C. DOSE RELATED EFFECT OF METHALLIBURE (ICI 33,828), /IN VITRO/, UPON HYPOTHALAMIC CATECHOLAMINE UPTAKE IN THE TELEOST, /POECILIA LATIPINNA/. *Gen. Comp. Endocrinol.* 31 (4): 402-406. Apr. 1977. SFA 22(4)

71-003262 Kiyashko, V. I. and Volodin, V. M. THE INFLUENCE ON THE EMBRYONIC DEVELOPMENT OF THE RUFFE, /ACERINA CERNUA/, OF THE ACTIVE RESPONSE OF THE ENVIRONMENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):693-695. 1978. SFA 25(1)

71-003263 Klar, G. T.; Stalnaker, C. B. and Farley, T. M. COMPARATIVE BLOOD LACTATE RESPONSE TO LOW OXYGEN CONCENTRATIONS IN RAINBOW TROUT, /SALMO GAIRDNERI/, LDH B^2 PHENOTYPES. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(2):237-240. 1979. SFA 24(4)

71-003264 Klar, G. T.; Stalnaker, C. B. and Farley, T. M. COMPARATIVE PHYSICAL AND PHYSIOLOGICAL PERFORMANCE OF RAINBOW TROUT, /SALMO GAIRDNERI/, OF DISTINCT LACTATE DEHYDROGENASE B^2 PHENOTYPES. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(2):229-235. 1979. SFA 24(4)

71-003265 Kleckner, R. C. MORPHOLOGICAL AND PHYSIOLOGICAL TRANSFORMATIONS IN THE SWIMBLADDER OF *ANGUILLA ROSTRATA* (LESUER) 1817, DURING METAMORPHOSIS. *Ph.D. dissertation, Univ. R.I.* 91p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5571. June 1980. SFA 25(3)

71-003266 Klein, C. and S. Van Noorden. PANCREATIC POLYPEPTIDE (PP)-AND GLUCAGON CELLS IN THE PANCREATIC ISLET OF *XIPHOPHORUS HELLERI* H. (TELEOSTEI). CORRELATIVE IMMUNOHISTOCHEMISTRY AND ELECTRON MICROSCOPY. *Cell Tissue Res.* 205(2):187-198. Feb. 1980. In English with French summ. SFA 25(2)

71-003267 Kleinzeller, A.; Dubyak, G.; Mullin, J. F. and McAvoy, E. M. THE PHLORIZIN EFFECT ON THE TRANSPORT OF SUGARS AT THE ANTILUMINAL FACE OF TEASED FLOUNDER TUBULES. *J. Exp. Zool.* 199 (3): 391-394. Mar. 1977. SFA 22(3)

71-003268 Kline, K. F. ASPECTS OF DIGESTION IN STOMACHLESS FISHES. *Ph.D dissertation, Univ. Calif. (Davis)* 94p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2646. Dec. 1978. SFA 24(2)

71-003269 Klyashtorin, L. B. and R. F. Salikzyanov. A DEVICE FOR THE AUTOMOATIC MEASURING OF THE RESPIRATION OF FISH AND OTHER AQUATIC ORGANISMS UNDER GIVEN TEMPERATURE AND OXYGEN CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):158-161. 1979. SFA 25(4)

71-003270 Klyashtorin, L. B. DEPENDENCE OF LEVEL OF RESPIRATION ON OXYGEN CONTENT IN BLACK SEA FISHES OF VARIOUS ECOLOGY. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8 (2): 124-129. Mar.-Apr. 1977. SFA 23(2)

71-003271 Klyashtorin, L. B. THE SENSITIVITY OF YOUNG STURGEONS TO OXYGEN DEFICIENCY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 677-682. 1976. SFA 23(1)

71-003272 Klyashtorin, L. B. THE SENSITIVITY OF YOUNG SALMONIDAE TO OXYGEN DEFICIENCY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 337-341. 1975. SFA 21(3).

71-003273 Klyashtorin, L. B. and Yarzhombek, A. A. SOME ASPECTS OF THE PHYSIOLOGY OF THE STRIPED BASS, /MORONE SAXATILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(6):985-989. 1975. SFA 22(1)

71-003274 Kneib, R. T.; A. E. Stiven and E. B. Haines. STABLE CARBON ISOTOPE RATIOS IN *FUNDULUS HETEROCLITUS* (L.) MUSCLE TISSUE AND GUT CONTENTS FROM A NORTH CAROLINA *SPARTINA* MARSH. *J. Exp. Mar. Biol. Ecol.* 46(1):89-98. June 1980. SFA 25(3)

71-003275 Knight, P. J.; Chadwick, A. and Ball, J. N. BIOLOGICAL TESTS ON EEL "PROLACTIN" SEPARATED BY GEL ELECTROPHORESIS. *Gen. Comp. Endocrinol.* 36 (1): 30-32. Sept. 1978. SFA 24(2)

71-003276 Knudsen, E. I. STRUCTURE AND FUNCTION IN THE ELECTRORECEPTIVE MIDBRAIN OF CATFISH. *Ph.D. dissertation, Univ. Calif. (San Diego).* 120 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-003277 Kobayashi, K. and Nakamura, N. ISOLATION AND IDENTIFICATION OF A CONJUGATED-PCP EXCRETED IN THE URINE OF GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 45(8):1001-1003. Aug. 1979. SFA 25(1)

71-003278 Kobayashi, K.; Kimura, S. and Shimizu, E. STUDIES ON THE METABOLISM OF CHLOROPHENOLS IN FISH--IX. ISOLATION AND IDENTIFICATION OF PENTACHLOROPHELYL-BETA-GLUCURONIDE ACCUMULATED IN BILE OF GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 43 (5): 601-607. May 1977. SFA 22(4)

71-003279 Koch, H. J. and Bergstrom, E. PLASMA CHOLESTEROL IN THE PRECOCIOUS MALES OF /SALMO SALAR/ (L.). *IN H. Peeters, ed. Protides of the Biological Fluids, Proc. 25th Colloq., Pergamon Press, Oxford and New York.* 483-486. 1978. SFA 23(3)

71-003280 Koenig, C. C. and Livingston, R. J. THE EMBRYOLOGICAL DEVELOPMENT OF DIAMOND KILLIFISH (/ADINIA XENICA/). *Copeia* 1976 (3): 435-445. Aug. 1976. SFA 21(3).

71-003281 Koenst, W. M. and Smith, L. L., Jr. THERMAL REQUIREMENTS OF THE EARLY LIFE HISTORY STAGES OF WALLEYE, /STIZOSTEDION VITREUM VITREUM/, AND SAUGER, /STIZOSTEDION CANADENSE/. *J. Fish. Res. Board Can.* 33(5):1130-1138. May. 1976. In English with French summ. SFA 21(2).

71-003282 Komourdjian, M. P.; Burton, M. P. and Idler, D. R. GROWTH OF RAINBOW TROUT, /SALMO GAIRDNERI/, AFTER HYPOPHYSECTOMY AND SOMATOTROPIN THERAPY. *Gen. Comp. Endocrinol.* 34 (2): 158-162. Feb. 1978. SFA 23(3)

71-003283 Komourdjian, M. P. and Idler, D. R. HEPATIC MEDIATION OF HORMONAL AND NUTRITIONAL FACTORS INFLUENCING THE /IN VITRO/ SULFUR UPTAKE BY RAINBOW TROUT BONE. *Gen. Comp. Endocrinol.* 36 (1): 33-39. Sept. 1978. SFA 24(2)

71-003284 Komourdjian, M. P.; Saunders, R. L. and Fenwick, J. C. EVIDENCE FOR THE ROLE OF GROWTH HORMONE AS A PART OF A 'LIGHT-PITUITARY AXIS' IN GROWTH AND SMOLTIFICATION OF ATLANTIC SALMON (/SALMO SALAR/). *Can. J. Zool.* 54 (4): 544-551. Apr. 1976. In English with French summ. SFA 22(1)

71-003285 Komourdjian, M. P.; Saunders, R. L. and Fenwick, J. C. THE EFFECT OF PORCINE SOMATOTROPIN ON GROWTH, AND SURVIVAL IN SEAWATER OF ATLANTIC SALMON (/SALMO SALAR/) PARR. *Can. J. Zool.* 54 (4): 531-535. Apr. 1976. In English with French summ. SFA 22(1)

71-003286 Komourdjian, M. P. and Idler, D. R. HYPOPHYSECTOMY OF RAINBOW TROUT, /SALMO GAIRDNERI/, AND ITS EFFECT ON PLASMATIC SODIUM REGULATION. *Gen. Comp. Endocrinol.* 32 (4): 536-542. Aug. 1977. SFA 23(1)

71-003287 Kondrat'yev, A. K. THE FUNCTIONAL MORPHOLOGY OF OOCYTES IN THE PERIOD OF PRE-VITELLOGENESIS IN THE "SIBERIAN STERLET," /ACIPENSER RUTHENUS MARSILII/, AT DIFFERENT TIMES OF ITS ANNUAL BIOLOGICAL CYCLE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 769-778. 1978. SFA 24(1)

71-003288 Kono, M. and Hashimoto, K. ORGANIC PHOSPHATES IN THE ERYTHROCYTES OF FISHES. *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1307-1312. Nov. 1977. SFA 23(2)

71-003289 Kono, M.; Shimizu, C.; Matsui, T. and Matsuura, F. PURIFICATION OF NAD PYROPHOSPHORYLASE FROM THE MUSCLE OF SKIPJACK AND ITS PROPERTIES. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 379-384. Apr. 1978. SFA 23(4)

71-003290 Konosu, S.; Murakami, M.; Hayashi, T. and Fuke, S. OCCURRENCE OF BETA-ALANINE BETAINE IN THE MUSCLE OF NEW ZEALAND WHIPTAIL AND SOUTHERN BLUE WHITING. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1165-1166. Oct. 1978. SFA 24(2)

71-003291 Konovalov, Yu. D. A STUDY OF THE CONFORMATION OF PROTEINS IN MATURE EGGS, EMBRYOS AND EARLY LARVAE OBTAINED FROM FEMALES OF THE CARP, /CYPRINUS CARPIO/, OF DIFFERENT AGES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):648-655. 1978. SFA 25(1)

71-003292 Kormanik, G. A. CHLORIDE AND SODIUM EXTRUSION BY THE SEAWATER-ACCLIMATED GULF TOADFISH, *OPSANUS BETA*. *Ph.D. dissertation, Univ. Miami* 150p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(7):3041. Jan. 1980. SFA 25(2)

71-003293 Kormanik, G. A. and Evan, D. H. HCO(3)-STIMULATED CL EFFLUX IN THE GULF TOADFISH ACCLIMATED TO SEA WATER. *J. Exp. Zool.* 208 (1): 13-16. Apr. 1979. SFA 24(3)

71-003294 Korniyenko, G. G. EARLY DEGENERATIVE CHANGES IN THE OOCYTES OF THE KUBAN SEVRYUGA (/ACIPENSER STELLATUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikthiol.)* 15 (3): 503-507. 1975. SFA 21(4)

71-003295 Korovin, V. A. METABOLIC RATE OF THE UNDERYEARLING OF THE CARP, /CYPRINUS CARPIO/, ADAPTED TO DIFFERENT WATER TEMPERATURES. *J. Ichthyol. (Engl. Transl. Vopr. Iktiol.)* 16 (1): 168-172. 1976. SFA 22(3)

71-003296 Korsgaard, B. and Petersen, I. VITELLOGENIN, LIPID AND CARBOHYDRATE METABOLISM DURING VITELLOGENESIS AND PREGNANCY, AND AFTER HORMONAL INDUCTION IN THE BLENNY /ZOARCES VIVIPARUS/ (L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (2): 245-251. 1979. SFA 24(4)

71-003297 Kotov, A. M. FEATURES OF THE CARBOHYDRATE METABOLISM IN THE BLOOD OF SOME BLACK SEA FISHES AT DIFFERENT TIMES OF THE YEAR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 331-333. 1977. SFA 23(3)

71-003298 Kowalski, K. T.; Schubauer, J. P.; Scott, C. L. and Spotila, J. R. INTERSPECIFIC AND SEASONAL DIFFERENCES IN THE TEMPERATURE TOLERANCE OF STREAM FISH. *J. Therm. Biol.* 3 (3): 105-108. July 1978. SFA 23(4)

71-003299 Kozel, T. R. and Dobra, K. W. RAPID VACUUM METHOD FOR REMOVAL OF MUCUS FROM THE THE EPIDERMIS OF FISHES. *Prog. Fish-Cult.* 41 (1): 18-19. Jan. 1979. SFA 24(2)

71-003300 Kramer, D. L. and Graham, J. B. SYNCHRONOUS AIR BREATHING, A SOCIAL COMPONENT OF RESPIRATION IN FISHES. *Copeia.* 1976 (4): 689-697. 30 Dec. 1976. SFA 22(2)

71-003301 Kramer, D. L. VENTILATION OF THE RESPIRATORY GAS BLADDER IN /HOPLERYTHRINUS UNITAENIATUS/ (PISCES, CHARACOIDEI, ERYTHRINIDAE). *Can. J. Zool.* 56 (4): 931-938. Apr. 1978. In English with French summ. SFA 23(3)

71-003302 Kramer, D. L.; Lindsey, C. C.; Moodie, G. E. E. and Stevens, E. D. THE FISHES AND THE AQUATIC ENVIRONMENT OF THE CENTRAL AMAZON BASIN, WITH PARTICULAR REFERENCE TO RESPIRATORY PATTERNS. *Can. J. Zool.* 56 (4): 717-729. Apr. 1978. In English with French summ. SFA 23(3)

71-003303 Krasnodembskaya, K. D. FORMATION OF PIGMENT REACTIONS AND THEIR REGULATORY MECHANISM IN CHONDROSTEAN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 120-131. 1978. SFA 24(3)

71-003304 Krayushkina, L. S.; Kiseleva, S. G. and Moiseyenko, S. N. FUNCTIONAL CHANGES IN THE THYROID GLAND AND THE CHLORIDE CELLS OF THE GILLS DURING ADAPTATION OF THE YOUNG BELUGA STURGEON /HUSO HUSO/ TO A HYPERTONIC ENVIRONMENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 834-841. 1976. SFA 23(2)

71-003305 Krayushkina, L. S. and Moiseyenko, S. N. FUNCTIONAL CHARACTERISTICS OF OSMOREGULATION IN ECOLOGICALLY DIFFERENT SPECIES OF STURGEONS (ACIPENSERIDAE) IN A HYPERTONIC ENVIRONMENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 441-447. 1977. SFA 23(3)

71-003306 Krayushkina, L. S. and Dyubin, V. P. THE REACTION OF JUVENILE STURGEON TO ALTERATION OF ENVIRONMENTAL SALINITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 971-977. 1974. SFA 21(2).

71-003307 Krebs, F. and Brandt, E. DER EINFLUSS DER SAUERSTOFFSPANNUNG AUF DIE TEMPERATUREADAPTATION DES ANAEROBEN STOFFWECHSELS IM MUSKELGEWEBE DES GOLDFISCHES (/CARASSIUS AURATUS AURATUS/ L.). [THE INFLUENCE OF OXYGEN TENSION ON TEMPERATURE ADAPTATION OF ANAEROBIC METABOLISM IN MUSCLE TISSUE OF GOLDFISH (/CARASSIUS AURATUS AURATUS/ L.).] *Arch. Hydrobiol.* 76 (2): 229-247. Oct. 1975. In German with English summ. SFA 22(3)

71-003308 Krebs, F. DER EINFLUSS DER SAUERSTOFFSPANNUNG AUF DIE TEMPERATURADAPTATION DES GIEBELS (/CARASSIUS AURATUS GIBELIO/ BLOCH). [THE INFLUENCE OF OXYGEN TENSION ON THE TEMPERATURE ADAPTATION IN GIBEL CARP (/CARASSIUS AURATUS GIBELIO/ BLOCH).] *Arch. Hydrobiol.* 76 (1): 89-131. Sept. 1975. In German with English summ. SFA 22(3)

71-003309 Krenz, W. D. and Zimmerman, H. LONG TERM DEPRESSION OF /TORPEDO/ ELECTRIC ORGAN RESPONSE ON SPACED STIMULATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (4): 531-538. 1978. SFA 24(1)

71-003310 Kriebel, R. M. THE CAUDAL NEUROSECRETORY SYSTEM OF *POECILIA SPHENOPS* (POECILIIDAE). *J. Morphol.* 165(2):157-165. Aug. 1980. SFA 25(4)

71-003311 Krishnamoorthy, R. V. and Begum, B. J. MUSCLE SPECIFIC STRUCTURAL DIFFERENCES IN PISCINE MUSCLE GLYCOGENS. *Experientia (Basel)* 34 (7): 832-833. 15 July 1978. SFA 23(4)

71-003312 Krivobok, M. N. and Shatunovskiy, M. I. INFLUENCE OF GONAD MATURATION ON OTOLITH WEIGHT INCREASE IN THE BALTIC COD, /GADUS MORHUA CALLARIAS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 408-414. 1976. SFA 22(4)

71-003313 Kruger, R. L. and Brocksen, R. W. RESPIRATORY METABOLISM OF STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), IN RELATION TO TEMPERATURE. *J. Exp. Mar. Biol. Ecol.* 31 (1): 55-66. Jan. 1978. SFA 23(4)

71-003314 Krygier, E. E. and Pearcy, W. G. THE SOURCE OF COBALT-60 AND MIGRATIONS OF ALBACORE OFF THE WEST COAST OF NORTH AMERICA. *NOAA Fish. Bull.* 75 (4): 867-870. Oct. 1977. SFA 23(2)

71-003315 Kryvi, H. and Totland, G. K. HISTOCHEMICAL STUDIES WITH MICROPHOTOMETRIC DETERMINATIONS OF THE LATERAL MUSCLES IN THE SHARKS /ETMOPTERUS SPINAX/ AND /GALEUS MELASTOMUS/. *J. Mar. Biol. Assoc. U. K.* 57 (1): 261-271. Feb. 1977. SFA 22(3)

71-003316 Kryzhtin, M. L. SOME PHYSIOLOGICAL-BIOCHEMICAL INDICATORS OF THE "KALUGA STURGEON", *HUSO DAURICUS*, FROM THE AMUR ESTUARY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):967-976. 1978. SFA 25(2)

71-003317 Kubb, R. N. TIME-DEPENDENT MODELING OF HEAT TRANSFER IN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *Am. Zool.* 18 (3): 591. 1978. Abstract only. SFA 24(2)

71-003318 Kubb, R. N.; J. R. Spotila and D. R. Pendergast. MECHANISMS OF HEAT TRANSFER AND TIME-DEPENDENT MODELING OF BODY TEMPERATURES IN THE LARGEMOUTH BASS (*MICROPTERUS SALMOIDES*). *Physiol. Zool.* 53(2):222-239. Apr. 1980. SFA 25(3)

71-003319 Kucherova, F. N. and Golubev, S. N. MINERAL COMPOSITION OF THE SEXUAL PRODUCTS OF THE SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 670-672. 1975. SFA 21(3).

71-003320 Kuchnow, K. P. and Scott, J. R. ULTRASTRUCTURE OF THE CHORION AND ITS MICROPYLE APPARATUS IN THE MATURE /FUNDULUS HETEROCLITUS/ (WALBAUM) OVUM. *J. Fish Biol.* 10 (3): 197-201. Mar. 1977. SFA 22(3)

71-003321 Kudoh, S. [LIPID METABOLISM OF LARVAL FISH.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:85-99. 1976[1977]. In Japanese with English summ. SFA 24(4)

71-003322 Kujala, G. A. CORTICOSTERIOD AND NEUROHYPOPHYSEAL HORMONE CONTROL OF PARTURITION IN THE GUPPY, /POECILIA RETICULATA/. *Gen. Comp. Endocrinol.* 36 (2): 286-296. Oct. 1978. SFA 24(2)

71-003323 Kulikov, N. V. and Kulikova, V. G. ACCUMULATION OF ^{90}SR AND ^{137}CS BY CERTAIN FRESHWATER FISH UNDER NATURAL CONDITIONS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8(5):416-420. Sept.-Oct. 1977. SFA 24(2)

71-003324 Kumagai, H. and Saiki, K. [PATTERNS OF INCREASING MERCURY CONTENT WITH GROWTH FOR WILD AND CULTURED RED SEA BREAMS, /CHRYSOPHYS MAJOR/.] *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 269-272. Mar. 1978. In Japanese with English summ. SFA 23(3)

71-003325 Kumari, S. D. R. and N. B. Nair. EFFECTS OF FEEDING RATE ON THE GROWTH, CONVERSION EFFICIENCY AND CHEMICAL COMPOSITION OF *NOEMACHEILUS TRIANGULARIS* (DAY) AND *LEPIDOCEPHALUS THERMALIS* (CUV. & VAL). *J. Anim. Morphol. Physiol.* 26(1/2):296-306. June-Dec. 1979. SFA 25(4)

71-003326 Kumari, S. D. R. and N. B. Nair. THE RESPIRATORY METABOLISM OF THE HILL-STREAM LOACH *NOEMACHEILUS TRIANGULARIS* DAY. *J. Anim. Morphol. Physiol.* 26(1/2):109-120. June-Dec. 1979. SFA 25(4)

71-003327 Kunnemann, H. and Precht, H. THE INFLUENCE OF ENVIRONMENTAL TEMPERATURE AND SALINITY ON ANIMALS. I. POIKILOTHERMIC ANIMALS AND THE NORMAL RANGE OF TEMPERATURE. *Zool. Anz.* 202 (3-4): 145-153. 1979. In English with German summ. SFA 24(4)

71-003328 Kunnemann, H. and Precht, H. THE INFLUENCE OF ENVIRONMENTAL TEMPERATURE AND SALINITY ON ANIMALS. II. RESISTANCE OF POIKILOTHERMIC ANIMALS TO HEAT AND COLD. *Zool. Anz.* 202 (3-4): 154-162. 1979. In English with German summ. SFA 24(4)

71-003329 Kunze, J.; Buhringer, H. and Harms, U. ACCUMULATION OF COBALT DURING EMBRYONIC DEVELOPMENT OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.). *Aquaculture* 13 (1): 61-66. Jan. 1978. SFA 23(3)

71-003330 Kuo, C.-M. and Watanabe, W. O. CIRCADIAN RESPONSES OF TELEOSTEAN OOCYTES TO GONADOTROPINS AND PROSTAGLANDINS DETERMINED BY CYCLIC AMP CONCENTRATION. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 949-956. 1978. SFA 24(1)

71-003331 Kutty, M. N. AMMONIA QUOTIENT IN SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *J. Fish. Res. Board Can.* 35(7):1003-1005. July 1978. In English with French summ. SFA 23(4)

71-003332 Kutty, M. N.; N. Sukumaran and H. M. Kasim. INFLUENCE OF TEMPERATURE AND SALINITY ON SURVIVAL OF THE FRESHWATER MULLET, *RHINOMUGIL CORSULA* (HAMILTON). *Aquaculture* 20(3):261-274. July 1980. SFA 25(4)

71-003333 Kuz'min, A. N. and Krupkin, V. Z. DEVELOPMENT OF THE FEMALE REPRODUCTIVE SYSTEM IN THE MUKSUN (/COREGONUS MUKSUN/) WHEN REARED IN THE NORTHWEST OF THE USSR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 940-948. 1976. SFA 23(3)

71-003334 Kuz'mina, V. V. MEMBRANE DIGESTION IN CYCLOSTOMES AND FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):599-611. 1978. SFA 25(1)

71-003335 Kuz'mina, V. V. THE LEVEL OF α-AMYLASE ACTIVITY IN THE BLOOD OF FRESH WATER TELEOSTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):123-131. 1979. SFA 25(4)

71-003336 Kuz'mina, V. V. THE USE OF THE METHOD OF GRADUAL ALPHA-AMYLASE DESORPTION FROM A GUT SECTION FOR A STUDY OF MEMBRANE DIGESTION IN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 856-859. 1976. SFA 23(2)

71-003337 Kuz'mina, V. V. PECULIARITIES OF THE MEMBRANE DIGESTION IN FRESHWATER TELEOSTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 99-107. 1977. SFA 23(3)

71-003338 Kuz'mina, V. V. and Morozova, Ye. N. THE INFLUENCE OF TEMPERATURE ON ALPHA-AMYLASE ACTIVITY IN FRESHWATER TELEOSTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 778-785. 1978. SFA 24(1)

71-003339 Kyle, A. L. and Peter, R. E. EFFECT OF BRAIN LESIONS ON SPAWNING BEHAVIOUR IN MALE GOLDFISH. *Am. Zool.* 18 (3): 669. 1978. Abstract only. SFA 24(2)

71-003340 Laale, H. and Law, P. Y.-H. AN IMMUNOLOGICAL STUDY OF THE EMBRYONIC STATES OF THE ZEBRA FISH, /BRACHYDANIO RERIO/. I. PREHATCHING-STAGE ANTIGENIC PATTERNS. *Can. J. Zool.* 53 (3): 246-252. Mar. 1975. In English with French summ. SFA 22(1)

71-003341 Lagios, M. D. and Stasko-Concannon, S. ULTRASTRUCTURE AND ATPASE ACTIVITY OF THE RECTAL GLAND OF THE CHONDRICHTHYEAN FISH /HYDROLAGUS COLLIEI/ (HOLOCEPHALI). *Cell Tissue Res.* 198 (2): 287-294. 1979. SFA 24(3)

71-003342 Lagios, M. D. and McCosker, J. E. A CLOACAL EXCRETORY GLAND IN THE LUNGFISH /PROTOPTERUS/. *Copeia* 1977 (1): 176-178. 16 Mar. 1977. SFA 22(3)

71-003343 Laird, L. M.; Ellis, A. E.; Wilson, A. R. and Holliday, F. G. T. THE DEVELOPMENT OF THE GONADAL AND IMMUNE SYSTEMS IN THE ATLANTIC SALMON (/SALMO SALAR/ L.) AND A CONSIDERATION OF THE POSSIBILITY OF INDUCING AUTOIMMUNE DESTRUCTION OF THE TESTIS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1101-1106. 1978. SFA 24(1)

71-003344 Lam, T. J.; Chan, K. and Hoar, W. S. EFFECT OF PROGESTERONE AND ESTRADIOL-17BETA ON OVARIAN FLUID SECRETION IN THE THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L., FORM /TRACHURUS/. *Can. J. Zool.* 57 (2): 468-471. Feb. 1979. In English with French summ. SFA 24(3)

71-003345 Lam, T. J.; Nagahama, Y.; Chan, K. and Hoar, W. S. OVERRIPE EGGS AND POSTOVULATORY CORPORA LUTEA IN THE THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L., FORM /TRACHURUS/. *Can. J. Zool.* 56 (9): 2029-2036. Sept. 1978. In English with French summ. SFA 24(1)

71-003346 Lam, T. J.; Pandey, S.; Nagahama, Y. and Hoar, W. S. EFFECT OF SYNTHETIC LUTEINIZING HORMONE-RELEASING HORMONE (LH-RH) ON OVULATION AND PITUITARY CYTOLOGY OF THE GOLDFISH /CARASSIUS AURATUS/. *Can. J. Zool.* 54(6):816-824. June 1976. In English with French summ. SFA 22(1)

71-003347 Lambert, J. G. D. and Ch. G. Van Bohemen. OESTROGEN SYNTHESIS IN THE FEMALE TROUT, *SALMO GAIRDNERI*. *Gen. Comp. Endocrinol.* 40(3):323-324. Mar. 1980. Abstract only. SFA 25(2)

71-003348 Lambert, J. G. D.; Bosman, G. I. C. G. M.; van den Hurk, R. and van Oordt, P. G. W. J. ANNUAL CYCLE OF PLASMA OESTRADIOL-17 BETA IN THE FEMALE TROUT /SALMO GAIRDNERI/. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 923-927. 1978. SFA 24(1)

71-003349 Laming, P. R. and Savage, G. E. FLOW CHANGES IN VISCERAL BLOOD VESSELS OF THE CHUB (/LEUCISCUS CEPHALUS/) DURING BEHAVIOURAL AROUSAL. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (3): 291-293. 1978. SFA 23(3)

71-003350 Lampert, W. EXPERIMENTS ON THE RESISTANCE OF FISH TO RAPID INCREASE IN HYDROSTATIC PRESSURE. *J. Fish Biol.* 8 (5): 381-383. May 1976. SFA 22(1)

71-003351 Landreth, G. E. EXPLANT CULTURE OF THE ADULT GOLDFISH RETINA. *Ph.D. dissertation, Univ. Mich.* 283p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2484. Dec. 1977. SFA 23(3)

71-003352 Landrey, S. R.; Applegate, R. and Cardenas, J. M. ENOLASE ISOZYMES IN COHO SALMON. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 383-388. 1978. SFA 23(4)

71-003353 Lane, H. C. PROGRESSIVE CHANGES IN HAEMATOLOGY AND TISSUE WATER OF SEXUALLY MATURE TROUT, /SALMO GAIRDNERI/ RICHARDSON DURING THE AUTUMN AND WINTER. *J. Fish Biol.* 15(4):425-436. Oct. 1979. SFA 25(1)

71-003354 Lane, H. C. EFFECT OF BLEEDING ON THE 4 HEMOGLOBIN FRACTIONS OF FED AND STARVED TROUT. *Am. Zool.* 18 (3): 593. 1978. Abstract only. SFA 24(2)

71-003355 Lane, H. C. SOME HAEMATOLOGICAL RESPONSES OF NORMAL AND SPLENECTOMIZED RAINBOW TROUT /SALMO GAIRDNERI/ TO A 12 PERCENT BLOOD LOSS. *J. Fish Biol.* 14 (2): 159-164. Feb. 1979. SFA 24(3)

71-003356 Lane, H. C. THE RESPONSE OF THE HAEMOGLOBIN SYSTEM OF FED AND STARVED RAINBOW TROUT, *SALMO GAIRDNERI* RICHARDSON, TO BLEEDING. *J. Fish Biol.* 16(4):405-411. Apr. 1980. SFA 25(3)

71-003357 Langer, M.; Van Noorden, S.; Polak, J. M. and Pearse, A. G. E. PEPTIDE HORMONE-LIKE IMMUNOREACTIVITY IN THE GASTROINTESTINAL TRACT AND ENDOCRINE PANCREAS OF ELEVEN TELEOST SPECIES. *Cell Tissue Res.* 199 (3): 493-508. 17 July 1979. SFA 24(4)

71-003358 Langner, G. and Scheich, H. ACTIVE PHASE COUPLING IN ELECTRIC FISH: BEHAVIORAL CONTROL WITH MICROSECOND PRECISION. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 128 (3): 235-240. 1978. SFA 24(2)

71-003359 Lanzing, W. J. R. EFFECT OF METHALLIBURE ON GONAD DEVELOPMENT AND CAROTENOID CONTENT OF THE FINS OF /SAROTHERODON MOSSAMBICUS/ (/TILAPIA MOSSAMIBCA/). *J. Fish Biol.* 12 (2): 181-185. Feb. 1978. SFA 23(3)

71-003360 Lanzing, W. J. R. A TEMPORARY RESPIRATORY ORGAN IN THE TAIL OF /TILAPIA MOSSAMBICA/ FRY. *Copeia.* 1976 (4): 800-802. 30 Dec. 1976. SFA 22(2)

71-003361 Lapenas, G. N. OXYGEN PERMEABILITY OF THE TELEOST SWIMBLADDER. *Ph. D. dissertation, Duke Univ.* 137p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-003362 Lapenas, G. N. and Schmidt-Nielsen, K. SWIMBLADDER PERMEABILITY TO OXYGEN. *J. Exp. Biol.* 67:175-196. Apr. 1977. SFA 22(3)

71-003363 Lapin, V. I. and V. Ye. Matsuk. UTILIZATION OF YOLK AND CHANGE IN THE BIOCHEMICAL COMPOSITION OF THE EGGS OF THE NAVAGA, *ELEGINUS NAVAGA*, DURING EMBRYONIC DEVELOPMENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):131-136. 1979. SFA 25(4)

71-003364 Lapin, V. I. SEASONAL DYNAMICS OF LIPID COMPOSITION IN DIFFERENT SUBSPECIES AND FORMS OF THE FLOUNDER, /PLATICHTHYS FLESUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 85-98. 1977. SFA 23(3)

71-003365 Lapin, V. I. SOME FEATURES OF SEASONAL VARIATIONS IN PHYSIOLOGICAL AND BIOCHEMICAL INDICATORS OF DIFFERENT POPULATIONS OF THE FLOUNDER /PLATICHTHYS FLESUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 636-646. 1976. SFA 23(1)

71-003366 Lapina, N. N. and V. D. Spanovskaya. SEASONAL DYNAMICS OF THE BIOCHEMICAL COMPOSITION OF SOME ORGANS AND TISSUES OF THE WHITE BREAM, *BLICCA BJOERKNA*, FROM MOZHAYSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):121-129. 1979. SFA 25(4)

71-003367 Lapina, N. N. SEASONAL CHANGES IN THE BIOCHEMICAL COMPOSITION OF THE ORGANS AND TISSUES OF THE ROACH, *RUTILUS RUTILUS*, FROM MOZHAYSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):977-986. 1978. SFA 25(2)

71-003368 Larsen, L. O. SUBTOTAL HEPATECTOMY IN INTACT OF HYPOPHYSECTOMIZED RIVER LAMPREYS (/LAMPETRA FLUVIATILIS/ L.): EFFECTS ON REGENERATION, BLOOD GLUCOSE REGULATION, AND VITELLOGENESIS. *Gen. Comp. Endocrinol.* 35 (3): 197-204. July 1978. SFA 23(4)

71-003369 Larsson, A. and Fange, R. CHOLESTEROL AND FREE FATTY ACIDS (FFA) IN THE BLOOD OF MARINE FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 57 (3): 191-196. 1977. SFA 22(4)

71-003370 Larsson, A.; Johansson-Sjobeck, M.-L. and Fange, R. COMPARATIVE STUDY OF SOME HAEMATOLOGICAL AND BIOCHEMICAL BLOOD PARAMETERS IN FISHES FROM THE SKAGERRAK. *J. Fish Biol.* 9 (5): 425-440. Nov. 1976. SFA 22(2)

71-003371 Lasserre, P.; Boeuf, G. and Harache, Y. OSMOTIC ADAPTATION OF /ONCORHYNCHUS KISUTCH/ WALBAUM. I. SEASONAL VARIATIONS OF GILL NA+ - K+ ATPASE ACTIVITY IN COHO SALMON, 0+ -AGE AND YEARLING, REARED IN FRESH WATER. *Aquaculture* 14(4):365-382. Aug. 1978. SFA 24(1)

71-003372 Lavrova, Ye. A.; L. Ya. Shterman and Yu. V. Natochin. ION ACCUMULATION AND LOSS BY THE RAINBOW TROUT IN WATER WITH DIFFERENT IONIC CONTENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):132-138. 1979. SFA 25(3)

71-003373 Lavrova, Ye. A. and Natochin, Yu. V. THE KIDNEYS IN IONIC REGULATION AMONG FISHES INHABITING THE BRACKISH WATERS OF LAKE BALKHASH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 500-503. 1977. SFA 23(3)

71-003374 Law, P. Y.-H. and Laale, H. AN IMMUNOLOGICAL STUDY OF THE EMBRYONIC STAGES OF THE ZEBRA FISH, /BRACHYDANIO RERIO/. II. HATCHING-STATE ANTIGENIC PATTERNS. *Can J. Zool.* 53 (3): 253-261. Mar. 1975. In English with French summ. SFA 22(1)

71-003375 Law, W. M.; Ellender, R. D.; Wharton, J. H. and Middlebrooks, B. L. FISH CELL CULTURE: PROPERTIES OF A CELL LINE FROM THE SHEEPSHEAD, /ARCHOSARGUS PROBATOCEPHALUS/. *J. Fish. Res. Board Can.* 35 (4): 470-473. Apr. 1978. In English with French summ. SFA 23(3)

71-003376 le Bras, Y. M. CIRCADIAN RHYTHM IN BRAIN CATECHOLAMINE CONCENTRATIONS IN THE TELEOST: /ANGUILLA ANGUILLA/ L. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62 (1): 115-117. 1979. SFA 24(2)

71-003377 Le Menn, F. INDUCTION DE VITELLOGÉNINE PAR L'OESTRADIOL ET PAR DES ANDROGÈNES CHEZ UN TÉLÉOSTÉEN MARIN: *GOBIUS NIGER* L. [INDUCTION OF VITELLOGENIN BY OESTROGENIC OR ANDROGENIC TREATMENTS IN A TELEOSTEAN FISH: *GOBIUS NIGER* L]. *C.R. Hebd. Séances Acad. Sci. Sér. D Sci. Nat.* 289(4):413-416. 17 Sept. 1979. In French with English summ. SFA 25(2)

71-003378 Le Menn, F. SOME ASPECTS OF VITELLOGENESIS IN A TELEOSTEAN FISH: /GOBIUS NIGER/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (2): 495-500. 1979. SFA 24(2)

71-003379 Leach, G. J. and Taylor, M. H. THE ROLE OF CORTISOL IN THE STRESS INDUCED METABOLIC CHANGES OF /FUNDULUS HETEROCLITUS/. *Am. Zool.* 18 (3): 653. 1978. Abstract only. SFA 24(2)

71-003380 Leach, G. J. and Taylor, M. H. SEASONAL MEASUREMENTS OF SERUM GLUCOSE AND SERUM CORTISOL IN A NATURAL POPULATION OF /FUNDULUS HETEROCLITUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (2): 217-223. 1977. SFA 22(1)

71-003381 Leach, G. J. THE EFFECTS OF CORTISOL AND STRESS ON CARBOHYDRATE AND PROTEIN METABOLISM IN /FUNDULUS HETEROCLITUS/. *Ph.D. dissertation, Univ. Del.* 134p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5782. June 1979. SFA 24(4)

71-003382 Leatherland, J. F. and Milne, R. S. EFFECT OF PROPRANOLOL AND ISOPROTERENOL ON PLASMA THYROXINE AND TRIIODOTHYRONINE CONCENTRATION IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):165-168. 1979. SFA 25(1)

71-003383 Leatherland, J. F. and R. A. Sonstegard. SEASONAL CHANGES IN THYROID HYPERPLASIA, SERUM THYROID HORMONE AND LIPID CONCENTRATIONS, AND PITUITARY GLAND STRUCTURE IN LAKE ONTARIO COHO SALMON, *ONCORHYNCHUS KISUTCH* WALBAUM AND A COMPARISON WITH COHO SALMON FROM LAKES MICHIGAN AND ERIE. *J. Fish Biol.* 16(5):539-562. May 1980. SFA 25(4)

71-003384 Leatherland, J. F.; B. J. Barnett; C. Y. Cho and S. J. Slinger. EFFECT OF DIETARY CHOLECALCIFEROL DEFICIENCY ON PLASMA THYROID HORMONE CONCENTRATIONS IN RAINBOW TROUT, *SALMO GAIRDNERI* (PISCES, SALMONIDAE). *Environ. Biol. Fishes* 5(2):167-173. 22 Apr. 1980. SFA 25(3)

71-003385 Leatherland, J. F.; C. Y. Cho; J. W. Hilton and S. J. Slinger. FURTHER STUDIES ON THE EFFECT OF DIET ON SERUM THYOID HORMONE CONCENTRATIONS AND THYROID HISTOLOGY IN RAINBOW TROUT, *SALMO GAIRDNERI*. *Environ. Biol. Fishes* 5(2):175-179. 22 Apr. 1980. SFA 25(3)

71-003386 Leatherland, J. F. and Lin, L. ACTIVITY OF THE PITUITARY GLAND IN EMBRYO AND LARVAL STAGES OF COHO SALMON, /ONCORHYNCHUS KISUTCH/. *Can. J. Zool.* 53 (3): 297-310. Mar. 1975. In English with French summ. SFA 22(1)

71-003387 Leatherland, J. F. and Hyder, M. EFFECT OF THYROXINE ON THE ULTRASTRUCTURE OF THE HYPOPHYSEAL PROXIMAL PARS DISTALIS IN /TILAPIA ZILLII/. *Can. J. Zool.* 53 (6): 686-690. June 1975. In English with French summ. SFA 22(1)

71-003388 Leatherland, J. F.; Bekolay, R.; McLean, R. S. and Brown, D. PITUITARY CONTROL OF PIGMENTATION IN XANTHIC, MOOR, AND WHITE /CARASSIUS AURATUS/ L. *Can. J. Zool.* 55 (2): 456-464. Feb. 1977. In English with French summ. SFA 22(4)

71-003389 Leatherland, J. F.; Cho, C. Y. and Slinger, S. J. EFFECTS OF DIET, AMBIENT TEMPERATURE, AND HOLDING CONDITIONS ON PLASMA THYROXINE LEVELS IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (5):677-682. May 1977. In English with French summ. SFA 22(3)

71-003390 Lebedeva, N. Ye. THE BIOCHEMICAL COMPOSITION OF THE SKIN AND MUCOSA OF SOME CYPRINIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):475-482. 1978. SFA 25(1)

71-003391 Lebedeva, N. Ye.; Malyukina, G. A. and Kasumyan, A. O. THE NATURAL REPELLENT IN THE SKIN OF CYPRINIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 472-480. 1975. SFA 21(4)

71-003392 Lebedeva, N. Ye. and Burlakov, A. B. VARIATION OF THE COMPOSITION OF WATER SOLUBLE PROTEINS IN THE SKIN AND MUCUS OF THE MINNOW /PHOXINUS PHOXINUS/ UNDER THE INFLUENCE OF A LONG PERIOD IN THE LABORATORY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 163-166. 1975. SFA 21(2).

71-003393 Leech, A. R.; Goldstein, L.; Cha, C.-J. and Goldstein, J. M. ALANINE BIOSYNTHESIS DURING STARVATION IN SKELETAL MUSCLE OF THE SPINY DOGFISH, /SQUALUS ACANTHIAS/. *J. Exp. Zool.* 207 (1): 73-80. Jan. 1979. SFA 24(2)

71-003394 Legendre, P. A FIELD-TRIP MICROTECHNIQUE FOR STUDYING FISH LEUKOCYTE CHROMOSOMES. *Can. J. Zool.* 53 (10): 1443-1446. Oct. 1975. In English with French summ. SFA 22(1)

71-003395 Leger, C.; Ducruet, V. and Flanzy, J. LIPASE ET COLIPASE DE LA TRUITE ARC-EN-CIEL. QUELQUES RESULTATS RECENTS. [LIPASE AND COLIPASE IN THE RAINBOW TROUT: SOME RECENT RESULTS.] *Ann. Biol. Anim. Biochim. Biophys.* 19(3):825-832. 1979. In French with English summ. SFA 24(4)

71-003396 Leger, C.; Luquet, P. and Boudon, M. EFFETS DE LA SUPPRESSION DES GLUCIDES DANS L'ALIMENTATION DE LA TRUITE ARC-EN-CIEL A LA TEMPERATURE DE 16°C. II.--EVOLUTION DES COMPARTIMENTS CORPORELS AVEC REFERENCE PARTICULIERE AUX ACIDES GRAS DES FAMILLES OMEGA 9, OMEGA 6, ET OMEGA 3. ET INFLUENCE D'UN CHANGEMENT DE TEMPERATURE. [EFFECTS OF A SUCROSE-FREE DIET ON THE RAINBOW TROUT REARED AT A TEMPERATURE OF 16°C.II--EVOLUTION OF THE BODY COMPARTMENTS PARTICULARLY ACCORDING TO THE FATTY ACIDS OMEGA 9, OMEGA 6, OMEGA 3. ACTION OF A CHANGE IN TEMPERATURE.] *Ann. Hydrobiol.* 7(2):185-201. 1976. In French with English summ. SFA 22(3)

71-003397 Leger, C.; Metailler, R.; Luquet, P.; Fremont, L. and Gatesoupe, F. J. EFFECT OF DIETARY FATTY ACIDS DIFFERING BY CHAIN LENGTHS AND OMEGA SERIES ON THE GROWTH AND LIPID COMPOSITION OF TURBOT /SCOPHTHALMUS MAXIMUS/ L. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(4):345-350. 1979. SFA 25(1)

71-003398 Leggett, W. C. and O'Boyle, R. N. OSMOTIC STRESS AND MORTALITY IN ADULT AMERICAN SHAD DURING TRANSFER FROM SALTWATER TO FRESHWATER. *J. Fish Biol.* 8 (6): 459-469. June 1976. SFA 22(1)

71-003399 Leis, J. M. DEVELOPMENT OF THE EGGS AND LARVAE OF THE SLENDER MOLA, /RANZANIA LAEVIS/ (PISCES, MOLIDAE). *Bull. Mar. Sci.* 27 (3): 448-466. July 1977. SFA 22(4)

71-003400 Leisman, G.; D. H. Cohn and K. H. Nealson. BACTERIAL ORIGIN OF LUMINESCENCE IN MARINE ANIMALS. *Science* 208(4449):1271-1273. 13 June 1980. SFA 25(3)

71-003401 Lenny, J. F.; Baslow, M. H. and Sugiyama, G. H. SIMILARITY OF TUNA /N/-ACETYLHISTIDINE DEACETYLASE AND COD FISH ANSERINASE. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (2): 253-258. 1978. SFA 24(1)

71-003402 Leray, C. PATTERNS OF PURINE NUCLEOTIDES IN FISH ERYTHROCYTES. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(1):77-82. 1979. SFA 25(1)

71-003403 Leray, C. and Bachand, L. ERYTHROCYTE METABOLISM IN THE YELLOW PERCH (/PERCA FLAVESCENS/ MITCHILL)--II. INTERMEDIATES, NUCLEOTIDES AND FREE ENERGY CHANGES IN GLYCOLYTIC REACTIONS. *Comp. Biochem. Physiol. B Comp. Biochem.* 51 (3): 349-353. July 1975. SFA 22(1)

71-003404 Lesel, R. and J.-G. Pointel. IMPLANTATION DE LA FLORE BACTÉRIENNE DANS LE TUBE DIGESTIF DE LA TRUITE ARC-EN-CIEL. ÉTUDE AU MICROSCOPE ÉLECTRONIQUE À BALAYAGE. [SETTLEMENT OF BACTERIAL FLORA IN THE DIGESTIVE TRACT OF RAINBOW TROUT. SCANNING ELECTRON MICROSCOPE STUDY.] *Ann. Zool. Ecol. Anim.* 11(3):327-335. 1979. In French with English summ. SFA 25(2)

71-003405 Lesel, R. and M. Lesel. OBTENTION D'ALEVINS NON VÉSICULÉS AXÉNIQUES DE SALMONIDES. [OBTENTION OF GNOTOBIOTIC SALMONID FISH FRY.] *Ann. Hydrobiol.* 7(1):21-25. 1976. In French with English summ. SFA 25(4)

71-003406 Lesel, R. and Ph. Dubourget. OBTENTION DE POISSONS OVOVIVIPARES AXÉNIQUES: AMÉLIORATION TECHNIQUE. [OBTENTION OF AXENIC OVOVIVIPAROUS FISH: TECHNICAL IMPROVEMENT.] *Ann. Zool. Ecol. Anim.* 11(3):389-395. 1979. In French with English summ. SFA 25(2)

71-003407 Leslie, J. M. and Buckley, J. T. PHOSPHOLIPID COMPOSITION OF GOLDFISH (/CARASSIUS AURATUS/ L.) LIVER AND BRAIN AND TEMPERATURE-DEPENDENCE OF PHOSPHATIDYL CHOLINE SYNTHESIS. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (3): 335-337. 1976. SFA 22(1)

71-003408 Lesseps, R.; Hall, M. and Murnane, M. B. CONTACT INHIBITION OF CELL MOVEMENT IN LIVING EMBRYOS OF AN ANNUAL FISH, /NOTHOBRANCHIUS KORTHAUSAE/: ITS ROLE IN THE SWITCH FROM PERSISTENT TO RANDOM CELL MOVEMENT. *J. Exp. Zool.* 207 (3): 459-470. Mar. 1979. SFA 24(3)

71-003409 Lester, R. J. G. and Desser, S. S. ULTRASTRUCTURAL OBSERVATIONS ON THE GRANULOCYTIC LEUCOCYTES OF THE TELEOST /CATOSTOMUS COMMERSONI/. *Can. J. Zool.* 53 (11): 1648-1657. Nov. 1975. In English with Frensh summ. SFA 22(1)

71-003410 Lewis, D. H.; Eurell, T. E.; Cannon, M. S. and Grumbles, L. C. T AND B CELL ANALOGUES FROM PERIPHERAL BLOOD OF IMMUNE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish Biol.* 14 (1): 31-37. Jan. 1979. SFA 24(2)

71-003411 Lewis, S. V. and Potter, I. C. OXYGEN CONSUMPTION DURING THE METAMORPHOSIS OF THE PARASITIC LAMPREY, /LAMPETRA FLUVIATILIS/ (L.) AND ITS NON-PARASITIC DERIVATIVE, /LAMPETRA PLANERI/ (BLOCH). *J. Exp. Biol.* 69: 187-198. Aug. 1977. SFA 23(1)

71-003412 Lewiston, N.; Holtzman, D.; Robin, E. and Newman, A. SHARK HEART MITOCHONDRIA: EFFECTS OF EXTERNAL OSMOLALITY ON RESPIRATION. *Science* 206(4414):75-76. 5 Oct. 1979. SFA 25(1)

71-003413 Li, H. W. and Brocksen, R. W. APPROACHES TO THE ANALYSIS OF ENERGETIC COSTS OF INTRASPECIFIC COMPETITION FOR SPACE BY RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish Biol.* 11 (4): 329-341. Oct. 1977. SFA 23(1)

71-003414 Li, M. F. and Clyburne, S. NEW CELL LINE FROM MARINE LUMPFISH, /CYCLOPTERUS LUMPUS/. *J. Fish. Res. Board Can.* 34 (1): 134-139. Jan. 1977. In English with French summ. SFA 22(2)

71-003415 Lidgerding, B. C. GLUCOSE METABOLISM IN CULTURES OF EMBRYONIC CELLS FROM COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Ph.D. dissertation, Oreg. State Univ.* 202 p. 1977. From Diss. Abstr. Int. B. Sci. Eng. 37(9), 1977. SFA 22(3)

71-003416 Lidman, U.; Dave, G.; Johansson-Sjobeck, M.-L.; Larsson, A. and Lewander, K. METABOLIC EFFECTS OF CORTISOL IN THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (3): 339-344. 1979. SFA 24(4)

71-003417 Lin, H.; Romsos, D. R.; Tack, P. I. and Leveille, G. A. DETERMINATION OF GLUCOSE UTILIZATION IN COHO SALMON [/ONCORHYNCHUS KISUTCH/ (WALBAUM)] WITH (6-^{3}H)- AND (U-^{14}C)-GLUCOSE. *Comp. Biochem. Physiol. A Comp. Physiol.* 59(2):189-191. 1978. SFA 23(3)

71-003418 Lindsay, G. J. H. and J. E. Harris. CARBOXYMETHYLCELLULASE ACTIVITY IN THE DIGESTIVE TRACTS OF FISH. *J. Fish Biol.* 16(3):219-233. Mar. 1980. SFA 25(3)

71-003419 Lipskaya, N. Ya. METABOLIC RATES IN THE YOUNG OF SOME TROPICAL FISH SPECIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 934-943. 1974. SFA 21(2).

71-003420 Liunardo, N. and Hew, C.-L. THE EFFECT OF TEMPERATURE ON THE CONVERSION OF PROINSULIN IN COD, /GADUS MORHUA/. *J. Therm. Biol.* 4 (1): 79-83. Jan. 1979. SFA 24(3)

71-003421 Lizenko, Ye. I.; V. S. Sidorov, Z. A. Nefyodova and O. I. Potapova. THE CONTENT OF LIPID COMPONENTS IN THE EGG AND MILT OF THE CISCO, *COREGONUS ALBULA*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):158-161. 1979. SFA 25(4)

71-003422 Lizenko, Ye. I.; Sidorov, V. S. and Potapova, O. I. SEASONAL VARIATIONS IN THE LIPID COMPOSITION OF THE TISSUES AND ORGANS OF THE LARGE CISCO (/COREGONUS ALBULA/) IN KARELIAN LAKES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 465-472. 1975. SFA 21(4)

71-003423 Locket, N. A. SOME ADVANCES IN COELACANTH BIOLOGY. *Proc. R. Soc. Lond. B Biol. Sci.* 208(1172):265-307. 17 July 1980. SFA 25(4)

71-003424 Loftus, W. F. SYNCHRONOUS AERIAL RESPIRATION BY THE WALKING CATFISH IN FLORIDA. *Copeia* 1979 (1): 156-158. 20 Feb. 1979. SFA 24(2)

71-003425 Logan, A. G.; R. J. Moriarty and J. C. Rankin. A MICROPUNCTURE STUDY OF KIDNEY FUNCTION IN THE RIVER LAMPREY, *LAMPETRA FLUVIATILIS*, ADAPTED TO FRESH WATER. *J. Exp. Biol.* 85:137-147. Apr. 1980. SFA 25(3)

71-003426 Logan, W. T., Jr. TROUT HEALTH DETERMINATION THROUGH BLOOD INDICES AND HISTOLOGY. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:10-23. 1980. SFA 25(4)

71-003427 Lomholt, J. P. and Johansen, K. HYPOXIA ACCLIMATION IN CARP--HOW IT AFFECTS O(2) UPTAKE, VENTILATION, AND O(2) EXTRACTION FROM WATER. *Physiol. Zool.* 52 (1): 38-49. Jan. 1979. SFA 24(2)

71-003428 Lone, K. P. and A. J. Matty. THE EFFECT OF FEEDING METHYLTESTOSTERONE ON THE GROWTH AND BODY COMPOSITION OF COMMON CARP (*CYPRINUS CARPIO* L.). *Gen. Comp. Endocrinol.* 40(4):409-424. Apr. 1980. SFA 25(3)

71-003429 Long, W. L. and Ballard, W. W. NORMAL EMBRYONIC STAGES OF THE WHITE SUCKER, /CATOSTOMUS COMMERSONI/. *Copeia* 1976 (2): 342-351. May 1976. SFA 21(2).

71-003430 Longerich, L. L. and Feltham, L. A. W. CHANGES IN MUSCLE PHOSPHOFRUCTOKINASE IN TEMPERATURE ACCLIMATED WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/). *J. Therm. Biol.* 3 (2): 61-67. Apr. 1978. SFA 23(4)

71-003431 Lopez-Vidriero, M. T.; R. Jones; L. Reid and T. C. Fletcher. ANALYSIS OF SKIN MUCUS OF PLAICE *PLEURONECTES PLATESSA* L. *J. Comp. Pathol.* 90(3):415-420. July 1980. SFA 25(4)

71-003432 Loretz, C. A. OSMOTIC AND CELL VOLUME REGULATION IN THE BOGY /GILLICHTHYS MIRABILIS/. *J. Exp. Zool.* 210(2):237-244. Nov. 1979. SFA 25(1)

71-003433 Loretz, C. A. SOME EFFECTS OF OVINE PROLACTIN ON BODY FLUID COMPOSITION IN THE CICHLID TELEOST /SAROTHERODON MOSSAMBICUS/ ACCLIMATED TO SEAWATER. *Gen. Comp. Endocrinol.* 38 (1): 38-42. May 1979. SFA 24(4)

71-003434 Loretz, C. A. SOME EFFECTS OF SALINITY AND HORMONES ON OSMOREGULATION IN TELEOST FISHES. *Ph.D. dissertation, Univ. Calif. (Los Angeles)* 164p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2155. Nov. 1978. SFA 24(1)

71-003435 Loretz, C. A. WATER EXCHANGE ACROSS FISH GILLS: THE SIGNIFICANCE OF TRITIATED-WATER FLUX MEASUREMENTS. *J. Exp. Biol.* 79: 147-162. Apr. 1979. SFA 24(3)

71-003436 Luk'yanenko, V. I.; Geraskin, P. P. and Surial', A. I. FRACTIONAL COMPOSITION OF HEMOGLOBIN OF THE BLOOD OF ANADROMOUS AND FRESHWATER SPECIES OF STURGEON FISHES. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7 (6): 541-546. Nov.-Dec. 1977. SFA 23(1)

71-003437 Lutz, P. L. ADAPTIVE AND EVOLUTIONARY ASPECTS OF THE IONIC CONTENT OF FISHES. *Copeia* 1975(2):369-373. 23 May 1975. SFA 21(1).

71-003438 Lwowski, E. S. THE CORPUSCLES OF STANNIUS AND CALCIFIED TISSUES IN THE EEL, /ANGUILLA ROSTRATA/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 59(2):183-187. 1978. SFA 23(3)

71-003439 Lykkeboe, G. and Weber, R. E. CHANGES IN THE RESPIRATORY PROPERTIES OF THE BLOOD IN THE CARP, /CYPRINUS CARPIO/, INDUCED BY DIURNAL VARIATION IN AMBIENT OXYGEN TENSION. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 128 (2): 117-125. 1978. SFA 24(2)

71-003440 Maceina, M. J. and J. V. Shireman. EFFECTS OF SALINITY ON VEGETATION CONSUMPTION AND GROWTH IN GRASS CARP. *Prog. Fish-Cult.* 42(1):50-53. Jan. 1980. SFA 25(2)

71-003441 Maceina, M. J. and Shireman, J. V. GRASS CARP: EFFECTS OF SALINITY ON SURVIVAL, WEIGHT LOSS, AND MUSCLE TISSUE WATER CONTENT. *Prog. Fish-Cult.* 41 (2): 69-73. Apr. 1979. SFA 24(3)

71-003442 MacFarlane, R. B. EFFECTS OF LOW pH WATER ON THE ADENINE NUCLEOTIDE POOL AND LOCOMOTOR ACTIVITY OF THE GULF KILLIFISH, *FUNDULUS GRANDIS*. *Ph.D. dissertation, Fla. State Univ.* 127p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):874. Sept. 1980. SFA 25(4)

71-003443 Mackay, W. C. and Janicki, R. CHANGES IN THE EEL INTESTINE DURING SEAWATER ADAPTION. *Comp. Biochem. Physiol. A Comp. Physiol.* 62(3):757-761. 1979. SFA 24(3)

71-003444 Mackenzie, D. D. S.; Maack, T. and Kinter, W. B. RENAL EXCRETION OF CHLORPHENOL RED AND RELATED ORGANIC ACIDS IN THE INTACT FLOUNDER /PSEUDOPLEURONECTES AMERICANUS/. *J. Exp. Zool.* 199 (3): 449-458. Mar. 1977. SFA 22(3)

71-003445 Mackie, A. M. and Adron, J. W. IDENTIFICATION OF INOSINE AND INOSINE 5'-MONOPHOSPHATE AS THE GUSTATORY FEEDING STIMULANTS FOR THE TURBOT, /SCOPHTHALMUS MAXIMUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (1): 79-83. 1978. SFA 22(3)

71-003446 MacKinnon, M. and H. E. Enesco. CELL RENEWAL IN THE GILLS OF THE FISH *BARBUS CONCHONIUS*. *Can. J. Zool.* 58(4):650-653. Apr. 1980. In English with French summ. SFA 25(3)

71-003447 MacLeod, M. G. EFFECTS OF SALINITY AND STARVATION ON THE ALIMENTARY CANAL ANATOMY OF THE RAINBOW TROUT /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 12 (1): 71-79. Jan. 1978. SFA 23(2)

71-003448 MacQuarrie, D. W.; Markert, J. R. and Vanstone, W. E. PHOTOPERIOD INDUCED OFF-SEASON SPAWNING OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Ann. Biol. Anim. Biochim. Biophys.* 18(4):1051-1058. 1978. SFA 24(1)

71-003449 Madden, J. A. and Houston, A. H. USE OF ELECTROANAESTHESIA WITH FRESHWATER TELEOSTS: SOME PHYSIOLOGICAL CONSEQUENCES IN THE RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 9 (6): 457-462. Dec. 1976. SFA 22(2)

71-003450 Maetz, J. and Pic, P. MICROTUBULES IN THE "CHLORIDE CELL" OF THE GILL AND DISRUPTIVE EFFECTS OF COLCHICINE ON THE SALT BALANCE OF THE SEA WATER ADAPTED /MUGIL CAPITO/. *J. Exp. Zool.* 199 (3): 325-338. Mar. 1977. SFA 22(3)

71-003451 Magid, A. M. A. and Babiker, M. M. OXYGEN CONSUMPTION AND RESPIRATORY BEHAVIOUR OF THREE NILE FISHES. *Hydrobiologia* 46 (4): 359-367. May 1975. SFA 21(4)

71-003452 Magomedov, S. K.; Chernyshev, V. I. and Shekhanova, I. A. A COMPARATIVE STUDY OF SOME OF THE PHYSICO-CHEMICAL MECHANISMS INVOLVED IN THE ADAPTATION OF FISHES TO DIFFERENT SALINITIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 426-431. 1974. SFA 21(2).

71-003453 Mahajan, C. L. and Dheer, J. S. CELL TYPES IN THE PERIPHERAL BLOOD OF AN AIR-BREATHING FISH /CHANNA PUNCTATUS/. *J. Fish Biol.* 14 (5): 481-487. May 1979. SFA 24(4)

71-003454 Mahajan, C. L. and Dheer, J. S. SEASONAL VARIATIONS IN THE BLOOD CONSTITUENTS OF AN AIR-BREATHING FISH, /CHANNA PUNCTATUS/ BLOCH. *J. Fish Biol.* 14 (4): 413-417. Apr. 1979. SFA 24(3)

71-003455 Maier, W. and Wolburg, H. REGENERATION OF THE GOLDFISH RETINA AFTER EXPOSURE TO DIFFERENT DOSES OF OUABAIN. *Cell Tissue Res.* 202(1):99-118. Oct. 1979. SFA 25(1)

71-003456 Malo-Michele, M. ETUDE HISTOLOGIQUE DE LA PARS INTERMEDIA DE L'HYPOPHYSE DE LA RASCASSE, /SCORPAENA/ SP. (POISSON TELEOSTEEN MARIN) AU COURS DE L'ADAPTATION SUR FOND NOIR OU BLANC. [HISTOLOGICAL STUDY OF THE PARS INTERMEDIA OF THE HYPOPHYSIS OF THE SCORPIONFISH, /SCORPAENA/ SP. (MARIN TELEOST FISH) DURING BLACK AND WHITE BACKGROUND ADAPTATION.] *Bull. Soc. Zool. Fr.* 102 (1): 19-24. 1977. In French with English summ. SFA 23(2)

71-003457 Malo-Michele, M. EVOLUTION DES CELLULES GONADOTROPES DE /BOOPS SALPA/ L. (TELEOSTEEN SPARIDAE) AU COURS DE LA SPERMATOGENESE. [GONADOTROPIC CELL EVOLUTION IN THE TELEOST SPARID, /BOOPS SALPA/ L., DURING SPERMATOGENESIS.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 911-915. 1978. In French with English summ. SFA 24(1)

71-003458 Malvin, R. L.; D. Schiff and S. Eiger. ANGIOTENSIN AND DRINKING RATES IN THE EURYHALINE KILLIFISH. *Am. J. Physiol.* 239(1):R31-R34. July 1980. SFA 25(4)

71-003459 Malyusz, M. and Theimann, V. THE EFFECT OF UREA, THIOUREA AND ACETAMIDE ON THE RENAL AND BRANCHIAL ENZYME-PATTERN OF THE DOGFISH /SCYLIORHINUS CANICULA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 177-179. 1976. SFA 22(1)

71-003460 Mangum, C. P.; Haswell, M. S.; Johansen, K. and Towle, D. W. INORGANIC IONS AND PH IN THE BODY FLUIDS OF AMAZON ANIMALS. *Can. J. Zool.* 56 (4): 907-916. Apr. 1978. In English with French summ. SFA 23(3)

71-003461 Mangum, C. P.; Haswell, M. S. and Johansen, K. LOW SALT AND HIGH PH IN THE BLOOD OF AMAZON FISHES. *J. Exp. Zool.* 200 (1): 163-168. Apr. 1977. SFA 22(3)

71-003462 Mankura, M.; D. Dalimunthe and M. Kayama. COMPARATIVE BIOCHEMICAL STUDIES ON PLASMA CHOLESTEROL--II. RELATIONSHIP BETWEEN PLASMA ESTERIFIED CHOLESTEROL AND LECITHIN: CHOLESTEROL ACYLTRANSFERASE ACTIVITY. *Bull. Jpn. Soc. Sci. Fish.* 46(5):583-586. May 1980. SFA 25(4)

71-003463 Mansuri, A. P. and Bhan, S. ADAPTATIONS TO THE OSMOTIC STRESS IN THE MARINE EURYHALINE TELEOST, /PERIOPHTHALMUS DIPES/. IV. CHANGES IN TOTAL PROTEIN LEVELS OF VARIOUS TISSUES. *J. Anim. Morphol. Physiol.* 25(1/2):139-146. June-Dec. 1978. SFA 25(1)

71-003464 Mansuri, A. P. and Pandya, C. H. SUCCINIC DEHYDROGENASE ENZYMATIC ACTIVITY IN VARIOUS FIN-MUSCLE OF A FISH /TILAPIA MOSSAMBICA/ IN RELATION TO SIZE AND GROWTH. *J. Anim. Morphol. Physiol.* 24 (1): 47-50. June 1977. SFA 23(2)

71-003465 Marchelidon, J.; Fontain-Bertrand, E.; Salesse, R.; Garnier, J.; Burzawa-Gerard, E. and Fontain, Y.-A. REPIDITE DE LA REASSOCIATION /IN VITRO/ DES SOUS-UNITES DE GONADOTROPINE CHEZ UN POISSON TELEOSTEEN, LA CARPE (/CYPRINUS CARPIO/ L.). [FAST /IN VITRO/ REASSOCIATION OF GONADOTROPIN SUBUNITS FROM A TELEOST FISH, THE CARP (/CYPRINUS CARPIO/ L.).] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 287(4):301-304. 11 Sept. 1978. In French with English summ. SFA 24(1)

71-003466 Maren, T. H. PHYSIOLOGY AND CHEMISTRY OF CEREBROSPINAL FLUID, AQUEOUS HUMOR AND ENDOLYMPH IN /SQUALUS ACANTHIAS/. *J. Exp. Zool.* 199 (3): 317-324. Mar. 1977. SFA 22(3)

71-003467 Margolis-Kazan, H.; Schreibman, M. P. and Halpern, L. R. IMMUNOCYTOCHEMICAL LOCALIZATION OF GONADOTROPIN AND THYROTROPIN IN THE PITUITARY GLAND OF A TELEOST. *Am. Zool.* 18 (3): 635. 1978. Abstract only. SFA 24(2)

71-003468 Markofsky, J. and Matias, J. R. THE EFFECTS OF TEMPERATURE AND SEASON OF COLLECTION ON THE ONSET AND DURATION OF DIAPAUSE IN EMBRYOS OF THE ANNUAL FISH /NOTHOBRANCHIUS GUENTHERI/. *J. Exp. Zool.* 202 (1): 49-56. Oct. 1977. SFA 23(1)

71-003469 Markofsky, J.; J. R. Matias; K. Inglima; J. H. Vogelman and N. Orentreich. THE VARIABLE EFFECTS OF AMBIENT AND ARTIFICIAL LIGHT:DARK CYCLES ON EMBRYONIC DIAPAUSE IN A LABORATORY POPULATION OF THE ANNUAL FISH *NOTHOBRANCHIUS GUENTHERI*. *J. Exp. Biol.* 83:203-215. Dec. 1979. SFA 25(2)

71-003470 Marliave, J. B. EFFECTS OF THREE ARTIFICIAL LIGHTING REGIMES ON SURVIVAL OF LABORATORY-REARED LARVAE OF THE SAILFIN SCULPIN. *Prog. Fish-Cult.* 39(3): 117-118. July 1977. SFA 22(4)

71-003471 Marquez, E. D. A COMPARISON OF LACTATE DEHYDROGENASE ISOZYMES IN TISSUES OF IMMATURE AND MATURE COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Exp. Zool.* 203 (3): 475-481. Mar. 1978. SFA 23(3)

71-003472 Marquez, E. D. A COMPARISON OF GLUTAMIC-OXALACETATE TRANSAMINASE, LACTATE DEHYDROGENASE, ALPHA-HYDROXYBUTYRATE DEHYDROGENASE, AND CREATING PHOSPHOKINASE ACTIVITIES IN NON-SPAWNING, PRE-SPAWNING, AND SPAWNING PINK SALMON. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 121-123. 1976. SFA 22(1)

71-003473 Marshall W. S. and Bern, H. A. TELEOSTEAN UROPHYSIS: UROTENSIN II AND ION TRANSPORT ACROSS THE ISOLATED SKIN OF A MARINE TELEOST. *Science* 204 (4392): 519-521. 4 May 1979. SFA 24(3)

71-003474 Marshall, W. S. ON THE INVOLVEMENT OF MUCOUS SECRETION IN TELOST OSMOREGULATION. *Can. J. Zool.* 56 (5): 1088-1091. May 1978. In English with French summ. SFA 23(4)

71-003475 Marshall, W. S. TRANSEPITHELIAL POTENTIAL AND SHORT-CIRCUIT CURRENT ACROSS THE ISOLATED SKIN OF /GILLICHTHYS MIRABILIS/ (TELEOSTEI: GOBIIDAE), ACCLIMATED TO 5 PERCENT AND 100 PERCENT SEAWATER. *J. Comp. Physiol. B Metab. Transp. Funct.* 114 (2): 157-165. 1977. SFA 22(3)

71-003476 Marshall, W. S. EFFECTS OF HYPOPHYSECTOMY AND OVINE PROLACTIN ON THE EPITHELIAL MUCUS-SECRETING CELLS OF THE PACIFIC STAGHORN SCULPIN, /LEPTOCOTTUS ARMATUS/ (TELEOSTEI: COTTIDAE). *Can. J. Zool.* 54(10):1604-1609. Oct. 1976. In English with French summ. SFA 21(4)

71-003477 Martel, A. L. D. and Cech, J. J., Jr. PERIPHERAL VASCULAR RESISTANCE IN THE GILLS OF THE WINTER FLOUNDER /PSEUDOPLEURONECTES AMERICANUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (4): 419-423. 1978. SFA 23(3)

71-003478 Marusov, Ye. A. REACTIONS OF YOUNG SALMONIDS TO CERTAIN NATURAL CHEMICAL STIMULI. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 341-343. 1975. SFA 21(3).

71-003479 Mashiter, K. E. and Morgan, M. R. J. CARBONIC ANHYDRASE LEVELS IN THE TISSUES OF FLOUNDERS ADAPTED TO SEA WATER AND FRESH WATER. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (4): 713-717. Dec. 1975. SFA 22(1)

71-003480 Maslennikova, N. V. THE AMINO ACID COMPOSITION OF SOME FISH TISSUES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 943-954. 1974. SFA 21(2).

71-003481 Mason, B. and Windell, J. T. PHYSIOLOGICALLY INDUCED STRESS BY CONSUMPTION OF ARTIFICIAL PLASTIC BAITS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Colo.-Wyo. Acad. Sci.* 11 (1): 7. Apr. 1979. Abstract only. SFA 24(3)

71-003482 Matey, V. Ye. THE REACTION OF THE HYPOTHALMIC-HYPOPHYSEAL NEUROSECRETORY SYSTEM OF THE GUPPY (/LEBISTES RETICULATUS/) TO AN ALTERATION OF AMBIENT TEMPERATURE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(5):775-781. 1975. SFA 22(1)

71-003483 Matheson, D. F.; R. Oei and B. I. Roots. CHANGES IN THE FATTY ACYL COMPOSITION OF PHOSPHOLIPIDS IN THE OPTIC TECTUM AND OPTIC NERVE OF TEMPERATURE-ACCLIMATED GOLDFISH. *Physiol. Zool.* 53(1):57-69. Jan. 1980. SFA 25(2)

71-003484 Mathew, C. V. OXYGEN CONSUMPTION OF *MUGIL MACROLEPIS* IN RELATION TO DIFFERENT SALINITIES. *Indian J. Fish.* 23(1/2):271-273. 1976. SFA 25(2)

71-003485 Mathews, R. W. and Haschemeyer, A. E. V. TEMPERATURE DEPENDENCY OF PROTEIN SYNTHESIS IN TOADFISH LIVER /IN VIVO/. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (4): 479-484. 1978. SFA 24(1)

71-003486 Mathur, R. THE EFFECT OF PORCINE CALCITONIN ON PLASMA CALCIUM IN /CHANNA PUNCTATUS/ BLOCH. *J. Fish Biol.* 15(3):329-335. Sept. 1979. SFA 25(1)

71-003487 Matias, J. R. and Markofsky, J. THE SURVIVAL OF EMBRYOS OF THE ANNUAL FISH /NOTHOBRANCHIUS GUENTHERI/ EXPOSED TO TEMPERATURE EXTREMES AND THE SUBSEQUENT EFFECTS ON EMBRYONIC DIAPAUSE. *J. Exp. Zool.* 204 (2): 219-228. May 1978. SFA 23(3)

71-003488 Matic-Piantanida, D.; Vidakovic-Bival, V.; Radman, V. and Maretic, Z. ANTISERA AGAINST WEEVER AND SCORPIONFISH VENOMS--A PRELIMINARY REPORT. *Toxicon* 17(suppl. 1):119. 1979. Abstract only. SFA 25(1)

71-003489 Matsuno, T. and Nagata, S. ON THE CAROTENOIDS OF ARCTIC LAMPREY. *Bull. Jpn. Soc. Sci. Fish.* 45(8):1047. Aug. 1979. SFA 25(1)

71-003490 Matsuno, T. and M. Katsuyama. [COMPARATIVE BIOCHEMICAL STUDIES OF CAROTENOIDS IN FISHES--XIV. CAROTENOIDS OF *TILAPIA*--I.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1533-1538. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-003491 Matsuno, T. and M. Katsuyama. [COMPARATIVE BIOCHEMICAL STUDIES OF CAROTENOIDS IN FISHES--XV. CAROTENOIDS OF PIRANHA, BLUEGILL, FLAMINGO CICHLID, RED DEVIL AND FORMOSAN SNAKEHEAD.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1539-1541. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-003492 Matsuno, T.; H. Matsutaka; M. Katsuyama and S. Nagata. OCCURRENCE OF 3'-EPIMER OF LUTEIN (CALTHAXANTHIN, 3'-EPILUTEIN) FROM FISHES. *Bull. Jpn. Soc. Sci. Fish.* 46(1):113. Jan. 1980. SFA 25(2)

71-003493 Matsuno, T.; H. Matsutaka; M. Katsuyama and S. Nagata. ISOLATION OF THREE STEREOISOMERS, TUNAXANTHIN A, B AND C FROM TUNAXANTHIN FRACTION IN JAPANESE FISHES. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1197. Sept. 1979. SFA 25(2)

71-003494 Matsuno, T.; H. Matsutaka; M. Katsuyama and S. Nagata. [ISOLATION OF THREE STEREOISOMERS, TUNAXANTHIN A, TUNAXANTHIN B AND TUNAXANTHIN C FROM TUNAXANTHIN FRACTION IN THE INTEGUMENTS OF FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):333-336. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-003495 Matsuno, T.; H. Matsutaka; M. Katsuyama and S. Nagata. [OCCURRENCE OF 3'-EPIMER OF LUTEIN (CALTHAXANTHIN, 3'-EPILUTEIN) FROM FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):337-340. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-003496 Matsuno, T.; S. Nagata; M. Katsuyama; H. Matsutaka; T. Maoka and T. Akita. [COMPARATIVE BIOCHEMICAL STUDIES OF CAROTENOIDS IN FISHES--XVIII. CAROTENOIDS OF CULTURED FISHES, JAPANESE CHAR, BROOK TROUT, LAKE TROUT, MASU TROUT, RED-SPOTTED MASU TROUT, RAINBOW TROUT AND BROWN TROUT.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):473-478. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-003497 Matthews, G. and Wickelgren, W. O. EVOKED DEPOLARIZING AND HYPERPOLARIZING POTENTIALS IN RETICULOSPINAL AXONS OF LAMPREY. *J. Physiol.* 279: 551-567. June 1978. SFA 23(4)

71-003498 Matthews, G. and Wickelgren, W. O. TRIGEMINAL SENSORY NEURONS OF THE SEA LAMPREY. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 123 (4): 329-333. 1978. SFA 23(3)

71-003499 Matthews, W. J. and Styron, J. T., Jr. COMPARATIVE TOLERANCE OF HEADWATER AND MAINSTREAM FISHES FOR ABRUPT CHANGE IN PH, DISSOLVED OXYGEN, AND TEMPERATURE. *Va. J. Sci.* 29 (2): 65. 1978. Abstract only. SFA 24(4)

71-003500 Matthews, W. J. and Hill, L. G. TOLERANCE OF THE RED SHINER, /NOTROPIS LUTRENSIS/ (CYPRINIDAE) TO ENVIRONMENTAL PARAMETERS. *Southwest. Nat.* 22 (1):89-98. 1 Mar. 1977. SFA 22(3)

71-003501 Mattison, A. and B. Holstein. THE ULTRASTRUCTURE OF THE GASTRIC GLANDS AND ITS RELATION TO INDUCED SECRETORY ACTIVITY OF COD, *GADUS MORHUA* (DAY). *Acta Physiol. Scand.* 109(1):51-59. May 1980. SFA 25(4)

71-003502 Matyukhin, V. A.; Neshumova, T. V. and Dement'yev, Ya. V. TEMPERATURE CHANGES OF THE RED AND WHITE MUSCLES OF THE BAIKAL GRAYLING (/THYMALLUS ARCTICUS BAICALENSIS/) AT DIFFERENT SWIMMING SPEEDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 794-798. 1975. SFA 22(1)

71-003503 Matyukhin, V. A. and D'yachenko, G. M. ELECTRICAL ACTIVITY OF THE RED AND WHITE MUSCLES OF THE BAIKAL GRAYLING, /THYMALLUS ARCTICUS BAICALENSIS/, AT DIFFERENT SWIMMING SPEEDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 130-135. 1976. SFA 22(3)

71-003504 Mayer-Gostan, N. and Hirano, T. THE EFFECTS OF TRANSECTING THE IXTH AND XTH CRANIAL NERVES ON HYDROMINERAL BALANCE IN THE EEL /ANGUILLA ANGUILLA/. *J. Exp. Biol.* 64 (2): 461-475. Apr. 1976. SFA 22(1)

71-003505 Mazeaud, M. M.; Mazeaud, F. and Donaldson, E. M. PRIMARY AND SECONDARY EFFECTS OF STRESS IN FISH: SOME NEW DATA WITH A GENERAL REVIEW. *Trans. Am. Fish. Soc.* 106 (3): 201-212. May 1977. SFA 22(4)

71-003506 Mazid, M. A.; Tanaka, Y.; Katayama, T.; Simpson, K. L. and Chichester, C. O. METABOLISM OF AMINO ACIDS IN AQUATIC ANIMALS--III INDISPENSABLE AMINO ACIDS FOR /TILAPIA ZILLII/. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 739-742. July 1978. SFA 24(1)

71-003507 McArdle, H. J. and I. A. Johnston. EVOLUTIONARY TEMPERATURE ADAPTATION OF FISH SARCOPLASMIC RETICULUM. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 135(2):157-164. 1980. SFA 25(2)

71-003508 McCabe, B. A. HORMONAL CONTROL OF ION BALANCE IN THE LAMPREY AMMOCOETE. *Ph.D. dissertation, Univ. Wash.* 240p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2697. Dec. 1978. SFA 24(2)

71-003509 McCartney, T. H. SODIUM-POTASSIUM DEPENDENT ADENOSINE TRIPHOSPHATASE ACTIVITY IN GILLS AND KIDNEYS OF ATLANTIC SALMON (/SALMO SALAR/). *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (4): 351-353. 1976. SFA 22(1)

71-003510 McCorkle, F. M.; Chambers, J. E. and Yarbrough, J. D. TOLERANCE OF LOW OXYGEN STRESS IN INSECTICIDE-RESISTANT AND SUSCEPTIBLE POPULATIONS OF MOSQUITOFISH (/GAMBUSIA AFFINIS/). *Life Sci.* 25(17):1513-1518. 22 Oct. 1979. SFA 25(1)

71-003511 McCorkle, F. M.; Chambers, J. E. and Yarbrough, J. D. SEASONAL EFFECTS ON SELECTED TISSUE ENZYMES IN CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (2): 151-153. 1979. SFA 24(2)

71-003512 McCormick, J. H. EFFECTS OF TEMPERATURE ON HATCHING SUCCESS AND SURVIVAL OF LARVAE IN THE WHITE BASS. *Prog. Fish-Cult.* 40 (4): 133-137. Oct. 1978. SFA 24(2)

71-003513 McCormick, J. H. and Kleiner, C. F. GROWTH AND SURVIVAL OF YOUNG-OF-THE-YEAR EMERALD SHINERS (/NOTROPIS ATHERINOIDES/) AT DIFFERENT TEMPERATURES. *J. Fish. Res. Board Can.* 33 (4,1): 839-842. Apr. 1976. In English with French summ. SFA 21(2).

71-003514 McCormick, J. H.; Jones, B. R. and Hokanson, K. E. F. WHITE SUCKER (/CATOSTOMUS COMMERSONI/) EMBRYO DEVELOPMENT, AND EARLY GROWTH AND SURVIVAL AT DIFFERENT TEMPERATURES. *J. Fish. Res. Board Can.* 34 (4): 1019-1025. July 1977. In English with French summ. SFA 22(4)

71-003515 McCreery, D. B. TWO TYPES OF ELECTRORECEPTIVE LATERAL LEMNISCAL NEURONS OF THE LATERAL LINE LOBE OF THE CATFISH /ICTALURUS NEBULOSUS/; CONNECTIONS FROM THE LATERAL LINE NERVE AND STEADY-STATE FREQUENCY RESPONSE CHARACTERISTICS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 113 (3): 317-339. 1977. SFA 22(3)

71-003516 McCreery, D. B. SPATIAL ORGANIZATION OF RECEPTIVE FIELDS OF LATERAL LEMNISCUS NEURONS OF THE LATERAL LINE LOBE OF THE CATFISH /ICTALURUS NEBULOSUS/. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 113 (3): 341-353. 1977. SFA 22(3)

71-003517 McDonald, D. G. and McMahon, B. R. RESPIRATORY DEVELOPMENT IN ARCTIC CHAR /SALVELINUS ALPINUS/ UNDER CONDITIONS OF NORMOXIA AND CHRONIC HYPOXIA. *Can. J. Zool.* 55 (9): 1461-1467. Sept. 1977. SFA 23(1)

71-003518 McGurk, M. D.; J. M. Green; W. D. McKone and K. Spencer. CONDITION INDICES, ENERGY DENSITY AND WATER AND LIPID CONTENT OF ATLANTIC HERRING (*CLUPEA HARENGUS HARENGUS*) OF SOUTHEASTERN NEWFOUNDLAND. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 958. iv + 41p. Aug. 1980. In English with French summ. SFA 25(4)

71-003519 McHugh, J. J. and Heidinger, R. C. EFFECTS OF LIGHT ON FEEDING AND EGESTION TIME OF STRIPED BASS FRY. *Prog. Fish-Cult.* 39 (1): 33-34. Jan. 1977. SFA 22(2)

71-003520 McKeown, B. A. and Peter, R. E. THE EFFECTS OF PHOTOPERIOD AND TEMPERATURE ON THE RELEASE OF PROLACTIN FROM THE PITUITARY GLAND OF THE GOLDFISH, /CARASSIUS AURATUS/ L. *Can. J. Zool.* 54 (11): 1960-1968. Nov. 1976. In English with French summ. SFA 21(4)

71-003521 McKeown, B. A.; B. G. Jenks and A. P. van Overbeeke. BIOSYNTHESIS AND RELEASE OF PROLACTIN FROM THE PITUITARY GLAND OF THE RAINBOW TROUT, *SALMO GAIRDNERI*. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(4):705-709. 1980. SFA 25(3)

71-003522 McLeay, D. J. and Gordon, M. R. LEUCOCRIT: A SIMPLE HEMATOLOGICAL TECHNIQUE FOR MEASURING ACUTE STRESS IN SALMONID FISH, INCLUDING STRESSFUL CONCENTRATIONS OF PULPMILL EFFLUENT. *J. Fish. Res. Board Can.* 34 (11): 2164-2175. Nov. 1977. In English with French summ. SFA 23(1)

71-003523 McLeay, D. J. VARIATIONS IN THE PITUITARY-INTERRENAL AXIS AND THE ABUNDANCE OF CIRCULATING BLOOD-CELL TYPES IN JUVENILE COHO SALMON, /ONCORHYNCHUS KISUTCH/, DURING STREAM RESIDENCE. *Can. J. Zool.* 53 (12): 1882-1891. Dec. 1975. In English with French summ. SFA 22(1)

71-003524 McLeod, T. F.; Sigel, M. M. and Yunis, A. A. REGULATION OF ERYTHROPOIESIS IN THE FLORIDA GAR, /LEPISOSTEUS PLATYRHINCUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 145-150. 1978. SFA 23(4)

71-003525 McQuarrie, I. G. AXONAL REGENERATION IN THE GOLDFISH OPTIC SYSTEM: THE ROLE OF THE NERVE CELL BODY. *Ph.D. dissertation, Cornell Univ. Med. Coll.* 219p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4095. Mar. 1978. SFA 23(3)

71-003526 McWilliams, P. G. and Potts, W. T. W. THE EFFECTS OF PH AND CALCIUM CONCENTRATIONS ON GILL POTENTIALS IN THE BROWN TROUT, /SALMO TRUTTA/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 126 (3): 277-286. 1978. SFA 24(1)

71-003527 Meakins, R. H. THE EFFECTS OF ACTIVITY AND SEASON ON THE RESPIRATION OF THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (1): 155-157. May 1975. SFA 22(1)

71-003528 Meakins, R. H. VARIATIONS IN THE ENERGY CONTENT OF FRESHWATER FISH. *J. Fish Biol.* 8 (3): 221-224. Mar. 1976. SFA 22(1)

71-003529 Mearow, K. M. and A. H. Houston. TEMPERATURE-RELATED CHANGES IN THE CONTENT AND DISTRIBUTION OF WATER IN THE TISSUES OF RAINBOW TROUT, *SALMO GAIRDNERI*. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(1):117-121. 1980. SFA 25(4)

71-003530 Mears, H. C. and Eisler, R. TRACE METALS IN LIVER FROM BLUEFISH, TAUTOG AND TILEFISH IN RELATION TO BODY LENGTH. *Chesapeake Sci.* 18 (3): 315-318. Sept. 1977. SFA 22(4)

71-003531 Medda, A. K. and Ray, A. K. EFFECT OF THYROXINE AND ANALOGS ON PROTEIN AND NUCLEIC ACID CONTENTS OF LIVER AND MUSCLE OF LATA FISH (/OPHICEPHALUS PUNCTATUS/). *Gen. Comp. Endocrinol.* 37 (1): 74-80. Jan. 1979. SFA 24(3)

71-003532 Medford, B. A. and Mackay, W. C. PROTEIN AND LIPID CONTENT OF GONADS, LIVER, AND MUSCLE OF NORTHERN PIKE (/ESOX LUCIUS/) IN RELATION TO GONAD GROWTH. *J. Fish. Res. Board Can.* 35 (2): 213-219. Feb. 1978. In English with French summ. SFA 23(2)

71-003533 Meiniel, A. THE PINEAL ORGAN OF *LAMPETRA PLANERI* (PETROMYZONTIDAE). ON THE PRESENCE OF A SECOND TYPE OF PHOTORECEPTOR CAPABLE OF INDOLEAMINE METABOLISM. *Gen. Comp. Endocrinol.* 40(3):368-369. Mar. 1980. Abstract only. SFA 25(2)

71-003534 Meiniel, A. ULTRASTRUCTURE OF SEROTONIN-CONTAINING CELLS IN THE PINEAL ORGAN OF *LAMPETRA PLANERI* (PETROMYZONTIDAE). A SECOND SENSORY CELL LINE FROM PHOTORECEPTOR CELL TO PINEALOCYTE. *Cell Tissue Res.* 207(3):407-427. Apr. 1980. SFA 25(3)

71-003535 Meissl, H.; Donley, C. S. and Wissler, J. H. FREE AMINO ACIDS AND AMINES IN THE PINEAL ORGAN OF THE RAINBOW TROUT (/SALMO GAIRDNERI/): INFLUENCE OF LIGHT AND DARK. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (2): 401-405. 1978. SFA 24(1)

71-003536 Mellinger, J.; Belbenoit, P.; Ravaille, M. and Szabo, T. ELECTRIC ORGAN DEVELOPMENT IN /TORPEDO MARMORATA/, CHONDRICHTHYES. *Dev. Biol.* 67 (1): 167-188. Nov. 1978. SFA 24(1)

71-003537 Menshutkin, V. V.; Natochin, Yu. V. and Vaynyunskaya, G. S. MATHEMATICAL MODELLING OF WATER-SALT BALANCE AND THE FUNCTION OF THE KIDNEYS OF THE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 303-308. 1976. SFA 22(3)

71-003538 Mettee, M. F., Jr. A STUDY ON THE REPRODUCTIVE BEHAVIOR, EMBRYOLOGY, AND LARVAL DEVELOPMENT OF THE PYGMY SUNFISHES OF THE GENUS /ELASSOMA/. *Ph.D. dissertation, Univ. Ala.* 139p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-003539 Meyer, R. L. RETINOTECTAL PROJECTION IN GOLDFISH TO AN INAPPROPRIATE REGION WITH A REVERSAL IN POLARITY. *Science* 205 (4408): 819-821. 24 Aug. 1979. SFA 24(4)

71-003540 Meyer, W. and Sauerbier, I. THE DEVELOPMENT OF CATECHOLAMINES IN EMBRYOS AND LARVAE OF THE RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.). *J. Fish Biol.* 10 (5): 431-435. May 1977. SFA 22(3)

71-003541 Mezhnin, F. I. THE INTERRENAL AND SUPRARENAL GLANDS AND STANNIUS' BODIES OF THE GUPPY, /LEBISTES RETICULATUS/, UNDER CONDITIONS OF EXTREME STRESS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):611-632. 1978. SFA 25(1)

71-003542 Mezhnin, F. I. STANNIUS CORPUSCLES IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):105-123. 1979. SFA 25(4)

71-003543 Mezhnin, F. I. DEVELOPMENT OF THE SEX CELLS IN THE EARLY ONTOGENY OF THE COMMON PERCH, /PERCA FLUVIATILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 71-86. 1978. SFA 24(3)

71-003544 Mezhnin, F. I. THE INTERRENAL TISSUE OF THE BURBOT, /LOTA LOTA/, DURING SPAWNING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 279-284. 1975. SFA 21(3).

71-003545 Milet, C.; Peignoux-Deville, J. and Martelly, E. GILL CALCIUM FLUXES IN THE EEL, /ANGUILLA ANGUILLA/ (L.). EFFECTS OF STANNIUS CORPUSCLES AND ULTIMOBRANCHIAL BODY. *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (1): 63-70. 1979. SFA 24(3)

71-003546 Miller, D. S. and W. B. Kinter. PATHWAYS OF CYCLOLEUCINE TRANSPORT IN KILLIFISH SMALL INTESTINE. *Am. J. Physiol.* 237(6):E567-E572. Dec. 1979. SFA 25(2)

71-003547 Miller, J. A. A POCKETFUL OF GLOW. *Sci. News* 113 (7): 106-107,109. 18 Feb. 1978. SFA 23(2)

71-003548 Milligan, T. A. THE FINE STRUCTURE OF THE CAUDAL NEUROSECRETORY SYSTEM AND ITS ROLE AS A PRODUCER OF TERRITORIAL MARKING PHEROMONES IN THE BROWN BULLHEAD CATFISH, /ICTALURUS NEBULOSUS/. *Ph.D dissertation, N.Y. Univ.* 183p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2612. Dec. 1978. SFA 24(2)

71-003549 Milne, R. S. and J. F. Leatherland. STUDIES ON THE RELATIONSHIP BETWEEN OSMOTIC OR IONIC REGULATION AND THYROID GLAND ACTIVITY IN TWO SALMONID FISHES, *SALMO GAIRDNERI* RICHARDSON AND *ONCORHYNCHUS KISUTCH* WALBAUM. *J. Fish Biol.* 16(4):349-360. Apr. 1980. SFA 25(3)

71-003550 Milne, R. S. and Leatherland, J. F. EFFECT OF OVINE TSH, THIOUREA, OVINE PROLACTIN AND BOVINE GROWTH HORMONE ON PLASMA THYROXINE AND TRI-IODOTHYRONINE LEVELS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 105-110. 1978. SFA 23(3)

71-003551 Milne, R. S. and Leatherland, J. F. THE USE OF SERALUTE AND TETRALUTE FOR MEASURMENT OF PLASMA TRIIODOTHYRONINE AND THYROXINE IN SALMONID FISHES. *Can. J. Zool.* 56 (10): 2242-2245. Oct. 1978. In English with French summ. SFA 24(1)

71-003552 Milne, R. S. and Randall, D. J. REGULATION OF ARTERIAL PH DURING FRESH WATER TO SEA WATER TRANSFER IN THE RAINBOW TROUT /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (2): 157-160. 1976. SFA 22(1)

71-003553 Milne, R. S. STUDIES ON THE THYROID PHYSIOLOGY OF TWO SALMONID FISHES, *SALMO GAIRDNERI* AND *ONCORHYNCHUS KISUTCH*. *Ph.D. dissertation, Univ. Guelph (Canada)* 1979. From Diss. Abstr. Int. B Sci. Eng. 41(1):99. July 1980. SFA 25(4)

71-003554 Mironova, N. V. ENERGY EXPENDITURE ON EGG PRODUCTION IN YOUNG /TILAPIA MOSSAMBICA/ AND THE INFLUENCE OF MAINTENANCE CONDITIONS ON THEIR REPRODUCTIVE INTENSITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 627-633. 1977. SFA 23(4)

71-003555 Mironova, N. V. CHANGES IN THE ENERGY BALANCE OF /TILAPIA MOSSAMBICA/ IN RELATION TO TEMPERATURE AND RATION SIZE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 120-129. 1976. SFA 22(3)

71-003556 Mishra, N.; Pandey, P. K.; Datta Munshi, J. S. and Singh, B. R. HAEMATOLOGICAL PARAMETERS OF AN AIR-BREATHING MUD EEL, /AMPHIPNOUS CUCHIA/ (HAM.) (AMPHIPNOIDAE; PISCES). *J. Fish Biol.* 10 (6): 567-573. June 1977. SFA 22(4)

71-003557 Mishrigi, S. Y. and Kubo, T. THE ENERGY METABOLISM IN /TILAPIA NILOTICA/. I. OXYGEN CONSUMPTION AT 20 AND 26°C. *Bull. Fac. Fish. Hokkaido Univ.* 29(2):100-109. June 1978. SFA 24(3)

71-003558 Mishrigi, S. Y. and Kubo, T. THE ENERGY METABOLISM IN /TILAPIA NILOTICA/. II. ACTIVE METABOLISM AT 20° AND 26°C. *Bull. Fac. Fish. Hokkaido Univ.* 29(4):313-321. Nov. 1978. SFA 24(3)

71-003559 Misitano, D. A. SIZE AND STAGE OF DEVELOPMENT OF LARVAL ENGLISH SOLE, /PAROPHRYS VETULUS/, AT TIME OF ENTRY INTO HUMBOLDT BAY. *Calif. Fish Game* 62(1):93-98. Jan. 1976. SFA 21(1).

71-003560 Mittal, A. K. and Agarwal, S. K. HISTOCHEMISTRY OF THE UNICELLULAR GLANDS IN RELATION TO THEIR PHYSIOLOGICAL SIGNIFICANCE IN THE EPIDERMIS OF /MONOPTERUS CUCHIA/ (SYNBRANCHIFORMES, PISCES). *J. Zool. (Lond.)* 182(4):429-439. Aug. 1977. SFA 23(1)

71-003561 Moffatt, N. M. THERMAL EFFECTS ON THE SURVIVAL AND DEVELOPMENT OF EMBRYONIC GRUNIONS, /LEURESTHES SARDINA/ AND /L. TENUIS/. *Ph.D. dissertation, Univ. Ariz.* 103p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1035. Sept. 1977. SFA 23(3)

71-003562 Moitra, S. K. and Sarkar, S. K. ON THE POTENCY OF THE PITUITARY GLAND EXTRACT IN RELATION TO SPAWNING IN AN INDIAN FRESHWATER MAJOR CARP, /CIRRHINUS MRIGALA/ (HAM.). *Zool. Anz.* 200(3/4):275-282. 1978. SFA 23(4)

71-003563 Moon, T. W. and I. A. Johnston. STARVATION AND THE ACTIVITIES OF GLYCOLYTIC AND GLUCONEOGENIC ENZYMES IN SKELETAL MUSCLES AND LIVER OF THE PLAICE, *PLEURONECTES PLATESSA*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 136(1):31-38. Mar. 1980. SFA 25(3)

71-003564 Moon, T. W. and W. C. Hulbert. CHARACTERISTICS OF PYRUVATE KINASES ISOLATED FROM TISSUES OF THE AMERICAN EEL, *ANGUILLA ROSTRATA* LE SUEUR. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):283-289. 1980. SFA 25(2)

71-003565 Moon, T. W. and W. C. Hulbert. REGULATORY PROPERTIES OF PYRUVATE KINASES ISOLATED FROM TISSUES OF THE AMERICAN EEL, *ANGUILLA ROSTRATA* LE SUEUR. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):291-296. 1980. SFA 25(2)

71-003566 Moon, T. W. THE CHARACTERIZATION OF ATPASES FROM THE GILL OF THE OSTEOGLOSSID /OSTEOGLOSSUM BICIRRHOSUM/ (ARUANA). *Can. J. Zool.* 56 (4): 795-800. Apr. 1978. In English with French summ. SFA 23(3)

71-003567 Moore, R. H. SEASONAL PATTERNS IN THE RESPIRATORY METABOLISM OF THE MULLETS /MUGIL CEPHALUS/ AND /MUGIL CUREMA/. *Contrib. Mar. Sci.* 20: 133-146. Sept. 1976. SFA 21(4)

71-003568 Moore, R. NATURAL SEX INVERSION IN THE GIANT PERCH (*LATES CALCARIFER*). *Aust. J. Mar. Freshwater Res.* 30(6):803-813. Dec. 1979. SFA 25(3)

71-003569 Moreau, G. and Barbeau, C. DIFFERENCIATION DE POPULATIONS ANADROMES ET DULCICOLES DE GRANDS COREGONES (/COREGONUS CLUPEAFORMIS/) PAR LA COMPOSITION MINERALE DE LEURS ECAILLES. [DIFFERENTIATION OF ANADROMOUS AND FRESHWATER WHITEFISH (/COREGONUS CLUPEAFORMIS/) BY THE MINERAL COMPOSITION OF THEIR SCALES.] *J. Fish. Res. Board Can.* 36(12):1439-1444. Dec. 1979. In French with English summ. SFA 25(1)

71-003570 Morgan, G. C., Jr. THE NEUROEMBRYOLOGICAL DEVELOPMENT OF THE TELENCEPHALON IN THE MARINE CATFISH, /ARIUS FELIS/. *J. Mar. Sci.* 2 (3): 57-94. 1974. SFA 22(3)

71-003571 Mori, M.; Yasuda, S. and Nishimuro, S. TWO SPECIES OF TELEOSTS HAVING WAX ESTERS OR DIACYL GLYCERYL ETHERS IN THE MUSCLE AS A MAJOR LIPID. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 363-367. Apr. 1978. SFA 23(4)

71-003572 Moriarty, R. J.; Logan, A. G. and Rankin, J. C. MEASUREMENT OF SINGLE NEPHRON FILTRATION RATE IN THE KIDNEY OF THE RIVER LAMPREY, /LAMPETRA FLUVIATILIS/ L. *J. Exp. Biol.* 77: 57-69. Dec. 1978. SFA 24(2)

71-003573 Morii, H. CHANGES WITH TIME OF AMMONIA AND UREA CONCENTRATIONS IN THE BLOOD AND TISSUE OF MUDSKIPPER FISH, /PERIOPHTHALMUS CANTONENSIS/ AND /BOLEOPHTHALMUS PECTINIROSTRIS/ KEPT IN WATER AND ON LAND. *Comp. Biochem. Physiol. A Comp. Physiol.* 64:235-243. 1979. SFA 25(1)

71-003574 Morii, H.; Nishikata, K. and Tamura, O. NITROGEN EXCRETION OF MUDSKIPPER FISH /PERIOPHTHALMUS CANTONENSIS/ AND /BOLEOPHTHALMUS PECTINIROSTRIS/ IN WATER AND ON LAND. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 189-193. 1978. SFA 23(4)

71-003575 Morisawa, M. and Hirano, T. EFFECTS OF LAMBDA-PHENYLALANINE ON ALKALINE PHOSPHATASE ACTIVITY AND ION AND WATER ABSORPTION IN THE EEL INTESTINE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 59 (2): 111-115. 1978. SFA 23(3)

71-003576 Morisawa, M.; Hirano, T. and Suzuki, K. CHANGES IN BLOOD AND SEMINAL PLASMA COMPOSITION OF THE MATURE SALMON (/ONCORHYNCHUS KEAT/) DURING ADAPTATION TO FRESHWATER. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(3):325-329. 1979. SFA 25(1)

71-003577 Moroz, I. Ye. and Luzhin, B. P. DYNAMICS OF METABOLISM IN THE EMBRYONIC AND EARLY POST-EMBRYONIC DEVELOPMENT OF THE CARP /CYPRINUS CARPIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 964-970. 1976. SFA 23(3)

71-003578 Moroz, I. Ye. METABOLISM OF THE RUSSIAN STURGEON (/ACIPENSER GULDENSTADTI/) FROM AROUND THE VOLGOGRAD POWER STATION DAM. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 451-464. 1975. SFA 21(4)

71-003579 Morris, S. M. and Albright, J. T. CYTOCHEMICAL STUDY OF THE LAMELLAR BODIES IN THE SWIMBLADDER OF THE TOADFISH /OPSANUS TAU/ L. *Cell Tissue Res.* 185 (1): 77-87. 30 Nov. 1977. SFA 23(2)

71-003580 Morton, W. D. THE EFFECTS OF SUB-LETHAL DOSES OF VALINOMYCIN, GRAMICIDIN D AND /M/-CHLOROCARBONYLCYANIDE PHENYLHYDRAZONE (CCP) ON THE HEAT RESISTANCE OF THE GOLDFISH, /CARASSIUS AURATUS/ L. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 59(1):1-4. 1978. SFA 23(3)

71-003581 Mosse, P. R. L. CAPILLARY DISTRIBUTION AND METABOLIC HISTOCHEMISTRY OF THE LATERAL PROPULSIVE MUSCULATURE OF PELAGIC TELEOST FISH. *Cell Tissue Res.* 203(1):141-160. Nov. 1979. SFA 25(1)

71-003582 Mowlah, A. H.; T. Sakata and D. Kakimoto. MICROFLORA IN THE ALIMENTARY TRACT OF GRAY MULLET--V. STUDIES ON THE CHITINOLYTIC ENZYMES OF *ENTOBACTER* AND *VIBRIO*. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1313-1317. Oct. 1979. SFA 25(2)

71-003583 Mugiya, Y. and Watabe, N. STUDIES ON FISH SCALE FORMATION AND RESORPTION--II. EFFECT OF ESTRADIOL ON CALCUIM HOMEOSTASIS AND SKELETAL TISSUE RESORPTION IN THE GOLDFISH, /CARASSIUS AURATUS/, AND THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (2): 197-202. 1977. SFA 22(3)

71-003584 Mugiya, Y. EFFECT OF ACETAZOLAMIDE ON THE OTOLITH GROWTH OF GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 43 (9): 1053-1058. Sept. 1977. SFA 23(1)

71-003585 Mugiya, Y. EFFECTS OF ESTRADIOL-17BETA ON BONE AND OTOLITH CALCIFICATION IN THE GOLDFISH, /CARASSIUS AURATUS/. *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1217-1221. Nov. 1978. SFA 24(2)

71-003586 Mugiya, Y. THE SOURCE OF CALCIUM IN REGENERATING SCALES OF THE GOLDFISH, *CARASSIUS AURATUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(3):521-524. 1980. SFA 25(3)

71-003587 Mugiya, Y.; Aratsu, S. and Kawamura, H. CARBONIC ANHYDRASE AND OTOLITH FORMATION IN THE RAINBOW TROUT, /SALMO GAIRDNERI/: ENZYME ACTIVITY OF THE SACCULUS AND CALCIUM UPTAKE BY THE OTOLITH /IN VITRO/. *Bull. Jpn. Soc. Sci. Fish.* 45(7):879-882. July 1979. SFA 25(1)

71-003588 Mukhamedova, A. F. THE LEVEL OF STANDARD METABOLISM OF YOUNG SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(2):292-299. 1977. SFA 23(3)

71-003589 Mukhopadhyay, P. K.; Dehadrai, P. V. and Banerjee, S. K. STUDIES ON INTESTINAL PROTEASE: ISOLATION, PURIFICATION AND EFFECT OF DIETARY PROTEINS ON ALKALINE PROTEASE ACTIVITY OF THE AIR-BREATHING FISH, /CLARIAS BATRACHUS/ (LINN.) *Hydrobiologia* 57 (1): 11-15. 8 Jan. 1978. SFA 23(2)

71-003590 Muller-Feuga, A.; Petit, J. and Sabaut, J. J. THE INFLUENCE OF TEMPERATURE AND WET WEIGHT ON THE OXYGEN DEMAND OF RAINBOW TROUT (/SALMO GAIRDNERI/ R.) IN FRESH WATER. *Aquaculture* 14 (4): 355-363. Aug. 1978. SFA 24(1)

71-003591 Muller, R. E. THE EFFECT OF PROLACTIN ON THE PARENTAL BEHAVIOR OF THE CICHLID FISH, (*CICHLASOMA NIGROFASCIATUM* (GUNTHER). *Ph. D. dissertation, Univ. Minn.* 125p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2562. Dec. 1979. SFA 25(2)

71-003592 Murachi, S.; Nanba, K. and Hikita, A. [BLOOD CORPUSCLE RESISTANCE OF CARP DIED OF ENVIRONMENTAL HYPOXIA AND OF CYANIDE POISONING.] *J. Fac. Fish. Anim. Husb. Hiroshima Univ.* 17 (1): 91-96. 1978. In Japanese with English summ. SFA 24(1)

71-003593 Murai, T. and Andrews, J. W. EFFECTS OF SALINITY ON THE EGGS AND FRY OF THE GOLDEN SHINER AND GOLDFISH. *Prog. Fish-Cult.* 39 (3): 121-122. July 1977. SFA 22(4)

71-003594 Muramatsu, T.; S. Iwanaga and S. Kan. ISOLATION AND CHARACTERIZATION OF GLUTATHIONE REDUCTASE FROM THE DARK MUSCLE OF PACIFIC MACKEREL. *Bull. Jpn. Soc. Sci. Fish.* 46(6):757-762. June 1980. SFA 25(4)

71-003595 Muramatsu, T.; Kan, S. and Hiraishi, M. ISOLATION AND CHARACTERIZATION OF LIPOAMIDE DEHYDROGENASE FROM MACKEREL DARK MUSCLE. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (2): 247-252. 1978. SFA 24(1)

71-003596 Murat, J. C.; Castilla, C. and Paris, H. INHIBITION OF GLUCONEOGENESIS AND GLUCAGON-INDUCED HYPERGLYCEMIA IN CARP (/CYPRINUS CARPIO/ L.). *Gen. Comp. Endocrinol.* 34 (2): 243-246. Feb. 1978. SFA 23(3)

71-003597 Murat, J. C.; Soltitskaya, L. P. and Plisetskaya, E. M. GLUCOSE 6-PHOSPHATASE ACTIVITY IN KIDNEY OF THE RIVER LAMPREY (/LAMPETRA FLUVIATILIS/ L.). *Gen. Comp. Endocrinol.* 39(1):115-117. Sept. 1979. SFA 25(1)

71-003598 Murata, H. [STUDIES ON THE METABOLISM OF FATTY ACID IN FISH--VI. PRODUCTS FORMED BY BETA-OXIDATION OF 16:0 ACID IN CARP HEPATOPANCREAS AND DARK MUSCLE MITOCHONDRIA.] *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 585-590. May 1979. In Japanese with English summ. SFA 24(4)

71-003599 Murata, H. [STUDIES ON METABOLISM OF FATTY ACID IN FISH--V. BETA-OXIDATION OF 22:6 ACID IN FISH LIVER AND DARK MUSCLE MITOCHONDRIA.] *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 379-383. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-003600 Murata, H. and Shiraishi, M. [STUDIES ON THE METABOLISM OF FATTY ACID IN FISH--VII. EFFECT OF STARVATION ON BETA-OXIDATION IN CARP HEPATOPANCREAS AND DARK MUSCLE MITOCHONDRIA.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 781-784. June 1979. In Japanese with English summ. SFA 24(4)

71-003601 Murata, H. and Higashi, T. [STUDIES ON THE METABOLISM OF FATTY ACID IN FISH--IV. RATE OF FATTY ACID DECREASE BASED ON BETA-OXIDATION IN CARP DARK MUSCLE MITOCHONDRIA.] *Bull. Jpn. Soc. Sci. Fish.* 45(2):211-217. Feb. 1979. In Japanese with English summ. SFA 24(3)

71-003602 Muravskaya, Z. A. and Verbitskaya, V. F. DETERMINATION OF THE RATE OF NITROGEN EXCRETION IN SOME FASTING SEA FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):298-301. 1974. SFA 21(2).

71-003603 Muromtseva, A. V. BLOOD PROTEIN COMPOSITION IN THE ARAL BREAM (/ABRAMIS BRAMA ORIENTALIS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):607-610. 1974. SFA 21(2).

71-003604 Murphy, P. and Houston, A. H. TEMPERATURE, PHOTOPERIOD, AND WATER-ELECTROLYTE BALANCE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Can. J. Zool.* 55 (9): 1377-1388. Sept. 1977. SFA 23(1)

71-003605 Murray, C. K. and Fletcher, T. C. THE IMMUNOHISTOCHEMICAL LOCALIZATION OF LYSOZYME IN PLAICE (PLEURONECTES PLATESSA/ L.) TISSUES. *J. Fish Biol.* 9 (4): 329-334. Oct. 1976. SFA 22(2)

71-003606 Murray, S. A. EFFECTS OF LOADING DENSITY ON CATFISH BLOOD. *Experientia (Basel)* 36(2):205-206. 15 Feb. 1980. SFA 25(2)

71-003607 Mustafa, S. and Jafri, A. K. RNA AND PROTEIN CONTENTS IN THE FLESH OF THE TELEOST /CHANNA PUNCTATUS/ BLOCH DURING GROWTH. *Ann. Biol. Anim. Biochim. Biophys.* 17 (6): 991-995. 1977. SFA 23(2)

71-003608 Mustafa, S. INFLUENCE OF MATURATION ON THE CONCENTRATIONS OF RNA AND DNA IN THE FLESH OF THE CATFISH /CLARIAS BATRACHUS/. *Trans. Am. Fish. Soc.* 106 (5): 449-451. Sept. 1977. SFA 23(1)

71-003609 Mustafa, S. NUCLEIC ACID TURNOVER IN THE DARK AND WHITE MUSCLES OF SOME FRESHWATER SPECIES OF CARPS DURING GROWTH IN THE PRE-MATURITY PHASE. *Copeia* 1977 (1): 173-176. 16 Mar. 1977. SFA 22(3)

71-003610 Naevdal, G.; Holm, M.; Ingerbrigtsen, O. and Moller, D. VARIATION IN AGE AT FIRST SPAWNING IN ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 35(1):145-147. Jan. 1978. In English with French summ. SFA 23(2)

71-003611 Nagahama, Y.; Clarke, W. C. and Hoar, W. S. INFLUENCE OF SALINITY ON ULTRASTRUCTURE OF THE SECRETORY CELLS OF THE ADENOHYPOPHYSEAL PARS DISTALIS IN YEARLING COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Can. J. Zool.* 55 (1): 183-198. Jan. 1977. In English with French summ. SFA 22(4)

71-003612 Nagai, A. and Hisamatsu, S. [ON THE IDENTIFICATION OF THE JAPANESE, EUROPEAN AND AMERICAN EEL BY ELECTROPHORETIC PATTERNS OF ISOENZYMES.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 109-117. 1979. In Japanese with English summ. SFA 24(4)

71-003613 Nagai, A. and Sugai, N. [IMMUNO-ELECTROPHORETIC ANALYSIS ON PLASMA PROTEIN OF JAPANESE EEL, /ANGUILLA JAPONICA/.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:61-68. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-003614 Nagai, M. and Iriki, M. AUTONOMIC RESPONSE OF THE FISH TO PYROGEN. *Experientia (Basel)* 34 (9): 1177-1178. 15 Sept. 1978. SFA 24(1)

71-003615 Nagai, M. and Iriki, M. CHARACTERISTICS OF HEART RATE RESPONSES ELICITED BY THERMAL STIMULATION OF THE SPINAL CORD OF THE CARP, /CYPRINUS CARPIO/. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (4): 417-421. 1977. SFA 22(4)

71-003616 Nagata, S. and Matsuno, T. THE OCCURRENCE OF IDOXANTHIN IN FANCY RED CARP /CYPRINUS CARPIO/. *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 537. Apr. 1979. SFA 24(4)

71-003617 Naiman, R. J.; Gerking, S. D. and Stuart, R. E. OSMOREGULATION IN THE DEATH VALLEY PUPFISH /CYPRINODON MILLERI/ (PISCES: CYPRINODONTIDAE). *Copeia.* 1976 (4): 807-810. 30 Dec. 1976. SFA 22(2)

71-003618 Nakagawa, H. and Kayama, M. BIOCHEMICAL STUDIES ON CARP PLASMA PROTEIN--II. AMINO ACID COMPOSITION OF AN ALBUMIN. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 259-262. Mar. 1978. SFA 23(3)

71-003619 Nakagawa, H. BIOCHEMICAL STUDIES ON CARP PLASMA PROTEIN--III. CHARACTERIZATION OF LIPOPROTEINS OF GLOBULIN FRACTION. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 219-224. Feb. 1979. SFA 24(3)

71-003620 Nakagawa, H. BIOCHEMICAL STUDIES ON CARP PLASMA PROTEIN--IV. LIPID ANALYSIS OF LIPOPROTEINS. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 225-229. Feb. 1979. SFA 24(3)

71-003621 Nakagawa, H. CLASSIFICATION OF ALBUMIN AND GLOBULIN IN YELLOW TAIL PLASMA. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 251-257. Mar. 1978. SFA 23(3)

71-003622 Nakagawa, H.; Kayama, M. and Ikuta, K. [ELECTROPHORETIC EVIDENCE OF SEASONAL VARIATION OF CARP PLASMA ALBUMIN.] *J. Fac. Anim. Husb. Hiroshima Univ.* 16 (1): 99-106. Aug. 1977. In Japanese with English summ. SFA 23(2)

71-003623 Nakagawa, H.; Nanba, K.; Kayama, M. and Murachi, S. ELECTROPHORETIC PROPERTIES OF PLASMA PROTEIN RELATING TO SOME BLOOD PROPERTIES IN CULTURED YELLOW TAIL. *Bull. Jpn. Soc. Sci. Fish.* 43 (1): 75-81. Jan. 1977. SFA 22(3)

71-003624 Nakahara, M.; S. Hirano; T. Ishii and T. Koyanagi. ACCUMULATION AND EXCRETION OF COBALT-60 TAKEN UP FROM SEAWATER BY MARINE FISHES. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1423-1428. Nov. 1979. SFA 25(2)

71-003625 Nakata, M.; M. Horiuchi and K. Kohga. [MONOLAYER CULTURE OF OVARY CELLS FROM EEL, *ANGUILLA JAPONICA*: SOME CHARACTERISTICS AND SUBCULTIVATION TECHNIQUES OF THE CELLS.] *Bull. Jpn. Soc. Sci. Fish.* 46(5):599-606. May 1980. In Japanese with English summ. SFA 25(4)

71-003626 Narayansingh, T. and Eales, J. G. EFFECTS OF THYROID HORMONES ON /IN VIVO/ 1-^{14}C L-LEUCINE INCORPORATION INTO PLASMA AND TISSUE PROTEIN OF BROOK TROUT (/SALVELINUS FONTINALIS/) AND RAINBOW TROUT (/SALMO GAIRDNERI/). *Comp. Biochem. Physiol. B Comp. Biochem.* 52(3):399-405. Nov. 1975. SFA 22(1)

71-003627 Nash, A. R. THE STRUCTURE AND FUNCTION OF SHARK HAEMOGLOBINS. *Ph. D. dissertation, Univ. New South Wales (Australia)* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976. SFA 21(4)

71-003628 Nash, C. E.; Kuo, C.-M.; Madden, W. D. and Paulsen, C. L. SWIM BLADDER INFLATION AND SURVIVAL OF /MUGIL CEPHALUS/ TO 50 DAYS. *Aquaculture* 12(1):89-94. Sept. 1977. SFA 23(1)

71-003629 Natochin, Yu. V.; Krayushkina, L. S.; Maslova, M. N.; Sokolova, M. M.; Bakhteyeva, V. T. and Lavrova, Ye. A. ENZYME ACTIVITY IN GILLS AND KIDNEYS AND ENDOCRINE FACTORS IN THE REGULATION OF ION EXCHANGE IN DOWNSTREAM MIGRATING AND SPAWNING SOCKEYE SALMON, /ONCORHYNCHUS NERKA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 115-124. 1975. SFA 21(2).

71-003630 Natochin, Yu. V.; Luk'yanenko, V. I.; Lavrova, Ye. A. and Metallov, G. F. CATION CONTENT OF THE BLOOD SERUM DURING THE MARINE AND RIVER PERIODS IN THE LIFE STURGEONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 799-804. 1975. SFA 22(1)

71-003631 Nayyar, S. K.; Keshavanath, P.; Sundararaj, B. I. and Donaldson, E. M. MAINTENANCE OF SPERMATOGENESIS AND SEMINAL VESICLES IN THE HYPOPHYSECTOMIZED CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH): EFFECTS OF OVINE AND SALMON GONADOTROPIN, AND TESTOSTERONE. *Can. J. Zool.* 54 (2): 285-292. Feb. 1976. In English with French summ. SFA 22(1)

71-003632 Neale, N. L.; Honn, K. V. and Chavin, W. HEMATOLOGICAL RESPONSES TO THERMAL ACCLIMATION IN A COLD WATER SQUALIFORM (/HETERODONTUS FRANCISCI/ GIRARD). *J. Comp. Physiol. B Metab. Transp. Funct.* 115 (2): 215-222. 1977. SFA 22(3)

71-003633 Negonovskaya, I. T. and Rudenko, G. P. THE OXYGEN THRESHOLD AND CHARACTERISTICS OF THE RESPIRATORY METABOLISM OF JUVENILE HERBIVOROUS FISHES--THE GRASS CARP (/CTENOPHARYNGODON IDELLA/) AND THE BIGHEAD (/ARISTICHTHYS NOBILIS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 965-970. 1974. SFA 21(2).

71-003634 Neill, W. H. MECHANISMS OF FISH DISTRIBUTION IN HETEROTHERMAL ENVIRONMENTS. *Am. Zool.* 19 (1): 305-317. 1979. SFA 24(3)

71-003635 Nelson, D. O. and Prosser, C. L. EFFECT OF PREOPTIC LESIONS ON BEHAVIORAL THERMOREGULATION OF GREEN SUNFISH, /LEPOMIS CYANELLUS/, AND OF GOLDFISH, /CARASSIUS AURATUS/. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 129 (3): 193-197. 1979. SFA 24(3)

71-003636 Neshumova, T. V. THE DYNAMICS OF CHANGES IN THE ELECTRICAL ACTIVITY AND TEMPERATURE OF DIFFERENT TYPES OF MUSCLES IN THE LAKE BAIKAL GRAYLING, *THYMALLUS ARCTICUS BAICALENSIS*, DURING PROLONGED SWIMMING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):139-143. 1979. SFA 25(3)

71-003637 Nesterenko, N. A. SURVIVAL OF /COREGONUS PELED/ LARVAE IN DIFFERENT SALINITIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 473-477. 1976. SFA 22(4)

71-003638 Nevenzel, J. C. and N. K. Menon. LIPIDS OF MIDWATER MARINE FISH: FAMILY GONOSTOMATIDAE. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):351-355. 1980. SFA 25(2)

71-003639 Neville, C. M. VENTILATORY RESPONSE OF RAINBOW TROUT (/SALMO GAIRDNERI/) TO INCREASED H+ ION CONCENTRATION IN BLOOD AND WATER. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(3):373-376. 1979. SFA 24(4)

71-003640 Ng, T. B. and D. R. Idler. GONADOTROPIC REGULATION OF ANDROGEN PRODUCTION IN FLOUNDER AND SALMONIDS. *Gen. Comp. Endocrinol.* 42(1):25-38. Sept. 1980. SFA 25(4)

71-003641 Ng, T. B. and Idler, D. R. STUDIES ON TWO TYPES OF GONADOTROPINS FROM BOTH AMERICAN PLAICE AND WINTER FLOUNDER PITUITARIES. *Gen. Comp. Endocrinol.* 38(4):410-420. Aug. 1979. SFA 25(1)

71-003642 Ng, T. B.; D. R. Idler and M. Burton. A COMPARISON OF PROLACTINS FROM A MARINE, AN ESTUARINE, AND A FRESHWATER TELEOST. *Gen. Comp. Endocrinol.* 42(1):141-146. Sept. 1980. SFA 25(4)

71-003643 Niederholzer, R. and Hofer, R. THE ADAPTATION OF DIGESTIVE ENZYMES TO TEMPERATURE, SEASON AND DIET IN ROACH /RUTILUS RUTILUS/ L. AND RUDD /SCARDINIUS ERYTHROPHTHALMUS/ L. CELLULASE. *J. Fish Biol.* 15(4):411-416. Oct. 1979. SFA 25(1)

71-003644 Nikinmaa, M. and A. Soivio. OXYGEN DISSOCIATION CURVES AND OXYGEN CAPACITIES OF BLOOD OF A FRESHWATER FISH, *SALMO GAIRDNERI*. *Ann. Zool. Fenn.* 16(3):217-221. 1979. SFA 25(4)

71-003645 Nikol'skaya, N. G. and Sytina, L. A. A COMPARATIVE ANALYSIS OF THE ACTION OF CONSTANT TEMPERATURES ON THE EMBRYONIC DEVELOPMENT OF FOUR SPECIES OF STURGEONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 86-100. 1978. SFA 24(3)

71-003646 Nilsson, S. SYMPATHETIC NERVOUS CONTROL OF THE IRIS SPHINCTER OF THE ATLANTIC COD, *GADUS MORHUA*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 138(2):149-155. July 1980. SFA 25(4)

71-003647 Nimmo, I. A.; Clapp, J. B. and Strange, R. C. A COMPARISON OF THE GLUTATHIONE S-TRANSFERASES OF TROUT AND RAT LIVER. *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (3): 423-427. 1979. SFA 24(4)

71-003648 Nishi, K. and K. Takano. [EFFECTS OF PHOTOPERIOD AND TEMPERATURE ON THE OVARY OF THE BITTERLING, *RHODEUS OCELLATUS OCELLATUS*]. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):63-73. Feb. 1979. In Japanese with English summ. SFA 25(2)

71-003649 Nishi, K. and Takano, K. EFFECTS OF PHOTOPERIOD AND TEMPERATURE ON THE OVARY OF THE BITTERLING, /RHODEUS OCELLATUS OCELLATUS/. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):63-73. Feb. 1979. In Japanese with English summ. SFA 25(1)

71-003650 Nishida, M. and Takahashi, Y. ENZYME VARIATION IN POPULATIONS OF AYU, /PLECOGLOSSUS ALTIVELIS/. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1059-1064. Oct. 1978. SFA 24(2)

71-003651 Nishikawa, K. [INFLUENCE OF METHYLTESTOSTERONE ON THE THYROID GLAND OF THE MEDAKA, /ORYZIAS LATIPES/.] *Bull. Fac. Fish. Hokkaido Univ.* 27 (3-4): 121-128. Dec. 1976. SFA 22(4)

71-003652 Nishimura, H.; Lunde, L. G. and Zucker, A. RENIN RESPONSE TO HEMORRHAGE AND HYPOTENSION IN THE AGLOMERULAR TOADFISH /OPSANUS TAU/. *Am. J. Physiol.* 237 (2): H105-H111. aug. 1979. SFA 24(4)

71-003653 Nishioka, F. and Y. Shimizu. [COAGULATION PROPERTIES OF FISH SARCOPLASMIC PROTEIN.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1557-1561. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-003654 Nishioka, R. S.; H. A. Bern and R. L. Gunther. HORMONE-CARRIER-NEUROSECRETORY GRANULE ASSOCIATION IN THE UROPHYSIS OF THE GOBY *GILLICHTHYS MIRABILIS*. *Acta Zool. (Stockh.)* 61(1):29-38. 1980. SFA 25(2)

71-003655 Nishioka, R. S. HYPOPHYSECTOMY OF TILAPIA (*SAROTHERODON MOSSAMBICUS*) THROUGH THE ORBIT. *Gen. Comp. Endocrinol.* 40(3):377-378. Mar. 1980. SFA 25(2)

71-003656 Nomura, T. and Kawatsu, H. [VARIATION OF HEMATOCRIT VALUES OF RAINBOW TROUT BLOOD SAMPLES INCUBATED UNDER DIFFERENT CONDITIONS.] *Bull. Jpn. Soc. Sci. Fish.* 43 (3): 301-306. Mar. 1977. In Japanese with English summ. SFA 22(3)

71-003657 Nonnotte, G.; Nonnotte, L. and Kirsch, R. CHLORIDE CELLS AND CHLORIDE EXCHANGE IN THE SKIN OF A SEA-WATER TELEOST, THE SHANNY (/BLENNIUS PHOLIS/ L.). *Cell Tissue Res.* 199 (3): 387-396. 17 July 1979. SFA 24(4)

71-003658 Nordlie, F. G. THE INFLUENCE OF ENVIRONMENTAL SALINITY ON RESPIRATORY OXYGEN DEMANDS IN THE EURYHALINE TELEOST, /AMBASSIS INTERRUPTA/ BLEEKER. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (3): 271-274. 1978. SFA 23(3)

71-003659 Nordlie, F. G. INFLUENCE OF ENVIRONMENTAL TEMPERATURE ON PLASMA IONIC AND OSMOTIC CONCENTRATIONS IN /MUGIL CEPHALUS/ LIN. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (4): 379-381. 1976. SFA 22(1)

71-003660 Nordlie, F. G. and Leffler, C. W. IONIC REGULATION AND THE ENERGETICS OF OSMOREGULATION IN /MUGIL CEPHALUS/ LIN. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (1): 125-131. May 1975. SFA 22(1)

71-003661 Northcutt, R. G. ELASMOBRANCH CENTRAL NERVOUS SYSTEM ORGANIZATION AND ITS POSSIBLE EVOLUTIONARY SIGNIFICANCE. *Am. Zool.* 17 (2): 411-449. 1977. SFA 22(4)

71-003662 Northmore, D. P. M. SPATIAL SUMMATION AND LIGHT ADAPTATION IN THE GOLDFISH VISUAL SYSTEM. *Nature* 268 (5619): 450-451. 4 Aug. 1977. SFA 22(4)

71-003663 Norton, V. M. and Davis, K. B. EFFECT OF ABRUPT CHANGE IN THE SALINITY OF THE ENVIRONMENT ON PLASMA ELECTROLYTES, URINE VOLUME, AND ELECTROLYTE EXCRETION IN CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (3): 425-431. 1977. SFA 22(3)

71-003664 Novikov, G. G. and Shatunovskiy, M. I. FEATURES OF THE FRACTIONAL COMPOSITION OF MUSCLE AND BLOOD LIPIDS IN THE SEVAN TROUT /SALMO ISCHCHAN/ AND BROWN TROUT /S. TRUTTA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 859-862. 1976. SFA 23(2)

71-003665 O'Brien, R. N.; Visaisouk, S.; Raine, R. and Alderdice, D. F. NATURAL CONVECTION: A MECHANISM FOR TRANSPORTING OXYGEN TO INCUBATING SALMON EGGS. *J. Fish. Res. Board Can.* 35 (10): 1316-1321. Oct. 1978. In English with French summ. SFA 24(1)

71-003666 O'Connell, C. P. HISTOLOGICAL CRITERIA FOR DIAGNOSING THE STARVING CONDITION IN EARLY POST YOLK SAC LARVAE OF THE NORTHERN ANCHOVY, /ENGRAULIS MORDAX/ GIRARD. *J. Exp. Mar. Biol. Ecol.* 25 (3): 285-312. 15 Dec. 1976. SFA 22(2)

71-003667 O'Neill, J. G. THE IMMUNE RESPONSE OF THE BROWN TROUT, /SALMO TRUTTA/, L. TO MS2 BACTERIOPHAGE: IMMUNOGEN CONCENTRATION AND ADJUVANTS. *J. Fish Biol.* 15(2):237-248. Aug. 1979. SFA 25(1)

71-003668 Obara, S. and Sugawara, Y. CONTRIBUTION OF CA TO THE ELECTRORECEPTOR MECHANISM IN /PLOTOSUS AMPULLAE/. *J. Physiol. (Paris)* 75:335-340. 1979. SFA 25(1)

71-003669 Obika, M.; Lo, S. J.; Tchen, T. T. and Taylor, J. D. ULTRASTRUCTURAL DEMONSTRATION OF HORMONE-INDUCED MOVEMENT OF CAROTENOID DROPLETS AND ENDOPLASMIC RETICULUM IN XANTHOPHORES OF THE GOLDFISH, /CARASSIUS AURATUS/ L. *Cell Tissue Res.* 190 (3): 409-416. 1978. SFA 23(4)

71-003670 Obika, M.; Turner, W. A.; Negishi, S.; Menter, D. G.; Tchen, T. T. and Taylor, J. D. THE EFFECTS OF LUMICOLCHICINE, COLCHICINE AND VINBLASTINE ON PIGMENT MIGRATION IN FISH CHROMATOPHORES. *J. Exp. Zool.* 205 (1): 95-110. July 1978. SFA 23(4)

71-003671 Ochiai, A.; H. Nabeshima; S. Umeda and I. Hasegawa. [GONAD MATURATION AND DYNAMICS OF CRUDE LIPID CONTENT IN THE BODY OF YELLOWTAIL DURING THE SPAWNING SEASON.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):407-412. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-003672 Odense, P. H.; Morrison, C. M. and Rombough, P. THE MORPHOLOGY AND LACTATE DEHYDROGENASE PATTERNS OF THE SOUND MUSCLE OF THE HADDOCK (/MELANOGRAMMUS AEGLEFINNUS/). *Can. J. Zool.* 56 (11): 2312-2326. Nov. 1978. In English with French summ. SFA 24(2)

71-003673 Oduleye, S. O. THE EFFECTS OF HYPOPHYSECTOMY, PROLACTIN THERAPY AND ENVIRONMENTAL CALCIUM ON FRESHWATER SURVIVAL AND SALINITY TOLERANCE IN THE BROWN TROUT /SALMO TRUTTA/ L. *J. Fish Biol.* 9 (6): 463-470. Dec. 1976. SFA 22(2)

71-003674 Oduleye, S. O. THE EFFECTS OF CALCIUM ON WATER BALANCE OF THE BROWN TROUT /SALMO TRUTTA/. *J. Exp. Biol.* 63 (2): 343-356. Oct. 1975. SFA 22(2)

71-003675 Oduleye, S. O. THE EFFECT OF HYPOPHYSECTOMY AND PROLACTIN THERAPY ON WATER BALANCE OF THE BROWN TROUT /SALMO TRUTTA/. *J. Exp. Biol.* 63 (2): 357-366. Oct. 1975. SFA 22(2)

71-003676 Oduleye, S. O. THE EFFECTS OF HYPOPHYSECTOMY, PROLACTIN THERAPY AND ENVIRONMENTAL CALCIUM ON ELECTROLYTE BALANCE OF THE BROWN TROUT /SALMO TRUTTA/, L. *J. Exp. Biol.* 64 (1): 221-231. Feb. 1976. SFA 22(1)

71-003677 Ogata, H.; Nomura, T. and Hata, M. PROSTAGLANDIN F(2 ALPHA) CHANGES INDUCED BY OVULATORY STIMULI IN THE POND LOACH, /MISGURNUS ANGUILLICAUDATUS/. *Jpn. Soc. Sci. Fish.* 45(7):929-931. July 1979. SFA 25(1)

71-003678 Ogawa, M. THE EFFECT OF HYPOPHYSECTOMY AND PROLACTIN TREATMENT ON THE OSMOTIC WATER INFLUX INTO THE ISOLATED GILLS OF THE JAPANESE EEL (/ANGUILLA JAPONICA/). *Can. J. Zool.* 55 (5): 872-876. May 1977. In English with French summ. SFA 22(3)

71-003679 Ogure, M. A HISTOLOGICAL STUDY ON THE ENDOCRINE AND EXOCRINE GLANDS OF FISH BY BOWIE'S STAIN. *Bull. Jpn. Soc. Sci. Fish.* 45(7):823-827. July 1979. SFA 25(1)

71-003680 Oguri, M. and Ooshima, Y. EARLY CHANGES IN THE PLASMA OSMOLALITY AND IONIC CONCENTRATIONS OF RAINBOW TROUT AND GOLDFISH FOLLOWING DIRECT TRANSFER FROM FRESH-WATER TO SEA WATER. *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1253-1257. Nov. 1977. SFA 23(2)

71-003681 Oguri, M. PRESENCE OF JUXTAGLOMERULAR CELLS IN TROUT KIDNEYS. *Bull. Jpn. Soc. Sci. Fish.* 46(3):295-297. Feb. 1980. SFA 25(3)

71-003682 Ohnishi, M.; Tsuchiya, T. and Matsumoto, J. J. ELECTRON MICROSCOPIC STUDY OF THE CRYOPROTECTIVE EFFECT OF AMINO ACIDS ON FREEZE DENATURATION OF CARP ACTOMYOSIN. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 755-762. July 1978. SFA 24(1)

71-003683 Ohzu, E. and Kasuya, H. STUDIES OF THE HATCHING ENZYME OF THE FISH. I. ISOLATION OF THE HATCHING ENZYME OF THE RAINBOW TROUT, /SALMO GAIRDNERI/. *Annot. Zool. Jpn.* 52 (2): 125-132. June 1979. SFA 24(4)

71-003684 Oikari, A. IONIC AND OSMOTIC BALANCE IN THE PIKE, *ESOX LUCIUS* L., IN FRESH AND BRACKISH WATER. *Ann. Zool. Fenn.* 15(2):84-88. 1978. SFA 25(4)

71-003685 Ojha, J.; Mishra, N.; Saha, M. P. and Munshi, J. S. D. BIMODAL OXYGEN UPTAKE IN JUVENILES AND ADULTS AMPHIBIOUS FISH, /CHANNA (= OPHIOCEPHALUS) MARULIUS/. *Hydrobiologia* 63 (2): 153-159. 2 Apr. 1979. SFA 24(4)

71-003686 Okada, H.; Matumoto, H. and Yamazaki, F. FUNCTIONAL MASCULINIZATION OF GENETIC FEMALES IN RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 413-419. Apr. 1979. SFA 24(4)

71-003687 Okitsu, S.; Umekita, S. and Obara, S. IONIC COMPOSITIONS OF THE MEDIA ACROSS THE SENSORY EPITHELIUM IN THE AMPULLAE OF LORENZINI OF THE MARINE CATFISH, /PLOTOSUS/. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 126 (2): 115-121. 1978. SFA 24(1)

71-003688 Olatunde, A. A. THE BIOCHEMICAL COMPOSITION AND NUTRITIONAL VALUE OF *EUTROPIUS NILOTICUS*, *SCHILBE MYSTUS* AND *PHYSAILIA PELLUCIDA*, FAMILY SCHILBEIDAE (OSTEICHTHYES-SILURIFORMES) FROM LAKE KAINJI, NIGERIA. *Arch. Hydrobiol.* 88(4):500-504. 1980. SFA 25(4)

71-003689 Olcese, J. and De Vlaming, V. /IN VITRO/ ESTRADIOL-17 BETA ACTIONS ON HYPOTHALAMIC MONOAMINE OXIDASE ACTIVITY IN THE GOLDFISH, /CARASSIUS AURATUS/. *Gen. Comp. Endocrinol.* 39(1):110-114. Sept. 1979. SFA 25(1)

71-003690 Olcese, J. and De Vlaming, V. CONTROL OF HYPOTHALMIC MONOAMINE OXIDASE ACTIVITY IN GOLDFISH: ROLE OF PHOTOPERIOD AND PHOTORECEPTORS. *Am. Zool.* 18(3):669. 1978. Abstract only. SFA 24(2)

71-003691 Olcese, J. M. and V. L. De Vlaming. INTERACTION OF ENVIRONMENTAL PHOTOPERIOD AND TEMPERATURE ON HYPOTHALAMIC MONOAMINE OXIDASE ACTIVITY IN *CARASSIUS AURATUS* L. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(1):153-155. 1980. SFA 25(3)

71-003692 Olcese, J. M.; Hall, T. R.; Figueroa, H. R. and De Vlaming, V. L. HYPOTHALAMIC MONOAMINE OXIDASE, A COMPONENT IN THE SEROTONERGIC CONTROL OF PITUITARY PROLACTIN CONTENT IN /CARASSIUS AURATUS/ L. *Gen. Comp. Endocrinol.* 38(3):309-313. July 1979. SFA 25(1)

71-003693 Olcese, J.; C. Darr; B. DeMuri; T. R. Hall and V. De Vlaming. PHOTOPERIOD EFFECTS ON HYPOTHALAMIC SEROTONERGIC ACITIVITY IN THE GOLDFISH, *CARASSIUS AURATUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(2):363-365. 1980. SFA 25(3)

71-003694 Oliveira, M. M.; Machado, R. D. and Chagas, C. CALCIUM BINDING TO ELECTROPLAX MEMBRANES FROM /ELECTROPHORUS ELECTRICUS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61(1):17-22. 1978. SFA 24(1)

71-003695 Olivereau, M. and Olivereau, J. ESTRADIOL-POSITIVE FEEDBACK ON GONADOTHROPIC (GTH) CELLS IN FRESHWATER MALE SILVER EELS. *Gen. Comp. Endocrinol.* 39(3):247-261. Nov. 1979. SFA 25(1)

71-003696 Olivereau, M. and Olivereau, J. EFFECT OF ESTRADIOL-17 BETA ON THE CYTOLOGY OF THE LIVER, GONADS AND PITUITARY, AND ON PLASMA ELECTROLYTES IN THE FEMALE FRESHWATER EEL. *Cell Tissue Res.* 199 (3): 431-454. 17 July 1979. SFA 24(4)

71-003697 Olivereau, M. and Chambolle, P. ULTRASTRUCTURE DES CELLULES GONADOTROPES DE L'ANGUILLE NORMALE ET APRES INJECTION D'AESTRADIOL. [ULTRASTRUCTURE OF GONADOTROPHS OF NORMAL EELS AND OF EELS AFTER OESTRADIOL TREATMENT.] *C.R. Hebd. Seances Acad. Sci. D Ser. D Nat.* 287 (16): 1409-1412. Dec. 1978. In French with English summ. SFA 24(2)

71-003698 Olivereau, M. and Olivereau, J. EFFECTS OF HYPOPHYSECTOMY AND PROLACTIN REPLACEMENT ON EEL KIDNEY STRUCTURE DURING ADAPTATION TO SEA WATER. *Acta Zool. (Stockh.)* 58 (2): 103-115. 1977. SFA 22(3)

71-003699 Olivereau, M. and Olivereau, J. EFFECT OF TRANSFER TO SEA WATER AND BACK TO FRESH WATER ON THE HISTOLOGICAL STRUCTURE OF THE EEL KIDNEY. *J. Comp. Physiol. B Metab. Transp. Funct.* 115 (2): 223-239. 1977. In English with French summ. SFA 22(3)

71-003700 Olivereau, M. EFFECT OF PIMOZIDE ON THE CYTOLOGY OF THE EEL PITUITARY. I. PROLACTIN-SECRETING CELLS. *Cell Tissue Res.* 189 (2): 219-230. 1978. SFA 23(4)

71-003701 Olivereau, M. EFFECT OF PIMOZIDE ON THE CYTOLOGY OF THE EEL PITUITARY. II. MSH-SECRETING CELLS. *Cell Tissue Res.* 189 (2): 231-239. 1978. SFA 23(4)

71-003702 Olivereau, M. LES CELLULES GONADOTROPES CHEZ LES SALMONIDES. [THE GONADOTROPIC CELLS OF SALMONIDAE.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 793-798. 1978. In French with English summ. SFA 24(1)

71-003703 Olivereau, M.; J.-M. Olivereau and C. Aimar. RESPONSES OF MSH AND PROLACTIN CELLS TO 5-HYDROXYTRYPTOPHAN (5-HTP) IN AMPHIBIANS AND TELEOSTS. *Cell Tissue Res.* 207(3):377-385. Apr. 1980. SFA 25(3)

71-003704 Olivereau, M.; C. Aimar and J.-M. Olivereau. RESPONSES OF THE TELEOST PITUITARY (GOLDFISH, EEL) TO DEIONIZED WATER. *Cell Tissue Res.* 208(3):389-404. June 1980. SFA 25(4)

71-003705 Olla, B. L. and Samet, C. EFFECTS OF ELEVATED TEMPERATURE ON EARLY EMBRYONIC DEVELOPMENT OF THE TAUTOG, /TAUTOGA ONITIS/. *Trans. Am. Fish. Soc.* 107 (6): 820-824. Nov. 1978. SFA 24(2)

71-003706 Olson, D. L. and G. M. Christensen. EFFECTS OF WATER POLLUTANTS AND OTHER CHEMICALS ON FISH ACETYLCHOLINESTERASE (*IN VITRO*). *Environ. Res.* 21(2):327-335. Apr. 1980. SFA 25(3)

71-003707 Olson, K. R. THE LINEAR CABLE THEORY AS A MODEL OF GILL BLOOD FLOW. *J. Theor. Biol.* 81(3):377-388. 7 Dec. 1979. SFA 25(2)

71-003708 Olson, R. D.; Kastin, A. J.; Montalbano-Smith, D.; Olson, G. A.; Coy, D. H. and Michell, G. F. NEUROPEPTIDES AND THE BLOOD-BRAIN BARRIER IN GOLDFISH. *Pharmacol. Biochem. Behav.* 9 (4): 521-524. Oct. 1978. SFA 24(1)

71-003709 Onoue, Y. CHARACTERIZATION OF SULFITE OXIDASE FROM PACIFIC HAKE. *Ph.D. dissertation, Univ. Wash.* 119p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2477. Dec. 1977. SFA 23(3)

71-003710 Onozato, H. and Watabe, N. STUDIES ON FISH SCALE FORMATION AND RESORPTION. III. FINE STRUCTURE AND CALCIFICATION OF THE FIBRILLARY PLATES OF THE SCALES IN /CARASSIUS AURATUS/ (CYPRININIFORMES: CYPRINIDAE). *Cell Tissue Res.* 201(3):409-422. Oct. 1979. SFA 25(1)

71-003711 Ooi, E. C. and Youson, J. H. GROWTH OF THE OPISTHONEPHRIC KIDNEY DURING LARVAL LIFE IN THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L. *Can. J. Zool.* 54 (9): 1449-1458. Sept. 1976. In English with French summ. SFA 22(1)

71-003712 Opdyke, D. F.; Holcombe, R. F. and Wilde, D. W. BLOOD FLOW RESISTANCE IN /SQUALUS ACANTHIAS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (3): 711-717. 1979. SFA 24(3)

71-003713 Opdyke, D. F.; Cook, J. E. and Rausch, A. THE VASCULAR VOLUME-PRESSURE RELATIONSHIP IN THE DOGFISH, /SQUALUS ACANTHIAS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 51(2):431-437. June 1975. SFA 22(1)

71-003714 Oppenheimer, J. M. FIFTY YEARS OF *FUNDULUS*. *Q. Rev. Biol.* 54(4):385-395. Dec. 1979. SFA 25(2)

71-003715 Orimo, H.; Yamauchi, H.; Ohyama, T.; Matuo, M. and Otani, M. RADIOIMMUNOASSAY AND IMMUNOLOGICAL PROPERTIES OF EEL CALCITONIN. *Gen. Comp. Endocrinol.* 31 (4): 482-485. Apr. 1977. SFA 22(4)

71-003716 Osborn, R. H. and Simpson, T. H. SEASONAL CHANGES IN THYROIDAL STATUS IN THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Fish Biol.* 12 (6): 519-526. June 1978. SFA 23(4)

71-003717 Osborn, R. H.; Simpson, T. H. and Youngson, A. F. SEASONAL AND DIURNAL RHYTHMS OF THYROIDAL STATUS IN THE RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 12(6):531-540. June 1978. SFA 23(4)

71-003718 Osuga, D. T.; R. E. Feeney; Y. Yeh and C.-L. Hew. CO-FUNCTIONAL ACTIVITIES OF TWO DIFFERENT ANTIFREEZE PROTEINS: THE ANTIFREEZE GLYCOPROTEIN FROM POLAR FISH AND THE NONGLYCOPROTEIN FROM A NEWFOUNDLAND FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):403-406. 1980. SFA 25(2)

71-003719 Ota, T. and Takagi, T. A COMPARATIVE STUDY ON THE LIPID CLASS COMPOSITION AND THE FATTY ACID COMPOSITION OF SWEET SMELT, /PLECOGLOSSUS ALTIVELIS/, FROM MARINE AND FRESH-WATER HABITAT. *Bull. Fac. Fish. Hokkaido Univ.* 28 (1): 47-56. Apr. 1977. SFA 22(4)

71-003720 Ota, T.; Takagi, T. and Terao, T. CHANGES IN FATTY ACID COMPOSITION OF MASU SALMON, /ONCORHYNCHUS MASOU/, REARED IN SEA WATER. *Bull. Fac. Fish. Hokkaido Univ.* 29 (2): 155-163. June 1978. SFA 24(3)

71-003721 Otake, S.; Enomoto, Y.; Nagano, S.; Ishikawa, M. and Takahashi, K. BIOCHEMICAL INVESTIGATION ON THE METABOLISM OF HISTAMINE IN MACKEREL (/SCOMBER JAPONICA/)--II. BEHAVIOR OF HISTAMINE FOR INCREASE IN CATHEPSIN D ACTIVITY AND THE MECHANISM OF ACCUMULATION OF HISTAMINE. *Bull. Jpn. Soc. Sci. Fish.* 43(11):1333-1340. Nov. 1977. SFA 23(2)

71-003722 Oven, L. S. FEATURES OF GAMETOGENESIS IN MALE MARINE TELEOSTS WITH PROTRACTED SPAWNING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 46-58. 1977. SFA 23(3)

71-003723 Owen, J. M. and Middleton, C. FATTY ACIDS OF THE LIPIDS OF CULTURED HERRING. *Aquaculture* 11 (4): 369-372. Aug. 1977. SFA 23(1)

71-003724 Owens, A.; Wigham, T.; Doneen, B. and Bern, H. A. EFFECTS OF ENVIRONMENTAL SALINITY AND OF HORMONES ON URINARY BLADDER FUNCTION IN THE EURYHALINE TELEOST, /GILLICHTHYS MIRABILIS/. *Gen. Comp. Endocrinol.* 33 (4): 526-530. 1971. SFA 23(2)

71-003725 Packer, R. K. and Sunkin, A. L. BLOOD ACID-BASE BALANCE IN BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Exp. Biol.* 79: 115-126. Apr. 1979. SFA 24(3)

71-003726 Page, J. W.; Andrews, J. W.; Murai, T. and Murray, M. W. HYDROGEN ION CONCENTRATION IN THE GASTROINTESTINAL TRACT OF CHANNEL CATFISH. *J. Fish Biol.* 8 (3): 225-228. Mar. 1976. SFA 22(1)

71-003727 Palumbi, S. R.; B. D. Sidell; R. Van Beneden; G. D. Smith and D. A. Powers. GLUCOSEPHOSPHATE ISOMERASE (GPI) OF THE TELEOST *FUNDULUS HETEROCLITUS* (LINNAEUS): ISOZYMES, ALLOZYMES AND THEIR PHYSIOLOGICAL ROLES. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 138(1):49-57. July 1980. SFA 25(4)

71-003728 Pandey, S.; Lam, T. J.; Nagahama, Y. and Hoar, W. S. EFFECTS OF DEXAMETHASONE AND METOPIRONE ON OVULATION IN THE GOLDFISH, /CARASSIUS AURATUS/. *Can. J. Zool.* 55 (8): 1342-1350. Aug. 1977. In English with French summ. SFA 22(4)

71-003729 Pandian, T. J. and Vivekanandan, E. EFFECTS OF FEEDING AND STARVATION ON GROWTH AND SWIMMING ACTIVITY IN AN OBLIGATORY AIR-BREATHING FISH. *Hydrobiologia* 49 (1): 33-39. Apr. 1976. SFA 22(2)

71-003730 Pang, P. K. T. OSMOREGULATORY FUNCTIONS OF NEUROHYPOPHYSIAL HORMONES IN FISHES AND AMPHIBIANS. *Am. Zool.* 17 (4): 739-749. 1977. SFA 23(1)

71-003731 Pang, P. K. T. and Balbontin, F. EFFECTS OF SEX STEROIDS ON PLASMA CALCIUM LEVELS IN MALE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Gen. Comp. Endocrinol.* 36 (2): 317-320. Oct. 1978. SFA 24(2)

71-003732 Pang, P. K. T. and Sawyer, W. H. PARATHYROID HORMONE PREPARATIONS, SALMON CALCITONIN, AND URINE FLOW IN THE SOUTH AMERICAN LUNGFISH, /LEPIDOSIREN PARADOXA/. *J. Exp. Biol.* 193 (3): 407-412. Sept. 1975. SFA 22(2)

71-003733 Pang, P. K. T.; Schreibman, M. P.; Balbontin, F. and Pang, R. K. PROLACTIN AND PITUITARY CONTROL OF CALCIUM REGULATION IN THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Gen. Comp. Endocrinol.* 36 (2): 306-316. Oct. 1978. SFA 24(2)

71-003734 Pang, P. K. T.; Griffith, R. W. and Atz, J. W. OSMOREGULATION IN ELASMOBRANCHS. *Am. Zool.* 17 (2): 365-377. 1977. SFA 22(4)

71-003735 Papaconstantinou, C. THE THYROID GLAND OF SOME MEDITERRANEAN BLENNII (PISCES BLENNIIDAE) II. PHYSIOLOGY. *Thalassographica* 1 (2): 178-204. July 1977. In English with Greek summ. SFA 24(2)

71-003736 Papoutsoglou, S. E. and E. G. Papaparaskeva-Papoutsoglou. OBSERVATIONS ON HAEMATOLOGICAL AND LIVER CHARACTERISTICS OF FARMED RAINBOW TROUT (*SALMO GAIRDNERI*, R.). *Thallassographica* 3(1):21-34. Nov. 1979. In English with Greek summ. SFA 25(3)

71-003737 Papoutsoglou, S. E. THE INFLUENCE OF GROWTH RATE, AGE AND TYPE OF DIET ON LIVER LIPIDS AND GLYCOGEN LEVELS, HAEMATOCRIT, PLASMA TOTAL LIPIDS AND CHOLESTEROL OF RAINBOW TROUT (/SALMO GAIRDNERI/, R.). *Thalassographica* 1(3):214-223. Dec. 1977. In English with Greek summ. SFA 24(2)

71-003738 Pardo, R. J. and de Vlaming, V. L. IN VIVO AND IN VITRO EFFECTS OF PROLACTIN ON LIPID METABOLISM IN THE CYPRINID TELEOST /NOTEMIGONUS CRYSOLEUCAS/. *Copeia* 1976 (3): 563-573. Aug. 1976. SFA 21(3).

71-003739 Parker, F. R., Jr. SEASONAL VARIATION IN SCHOOLING AND RESPIRATORY METABOLISM OF JUVENILE STRIPED MULLET, /MUGIL CEPHALUS/ L. *Ph.D. dissertation, Univ. Tex. (Austin)* 212p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2064. Nov. 1977. SFA 23(3)

71-003740 Pasanen, S.; Viljanen, M. and Pulkkinen, E. STRESS CAUSED BY THE 'MARK-RECAPTURE' METHOD TO /COREGONUS ALBULA/ (L). *J. Fish Biol.* 14 (6): 597-605. June 1979. SFA 24(4)

71-003741 Patent, G. J.; Kechele, P. O. and Carrano, V. T. NONCONVENTIONAL INNERVATION OF THE PANCREATIC ISLETS OF THE TELEOST FISH, /GILLICHTYS MIRABILIS/. *Cell Tissue Res.* 191(2):305-315. 1978. SFA 23(4)

71-003742 Patten, B. C. SHORT-TERM THERMAL RESISTANCE OF HEXAGRAMMID EGGS AND PLANKTONIC LARVAE FROM PUGET SOUND. *Trans. Am. Fish. Soc.* 109(4):427-432. July 1980. SFA 25(4)

71-003743 Patton, J. S.; Haswell, M. S. and Moon, T. W. ASPECTS OF LIPID SYNTHESIS, HYDROLYSIS, AND TRANSPORT STUDIED IN SELECTED AMAZON FISH. *Can. J. Zool.* 56 (4): 787-792. Apr. 1978. In English with French summ. SFA 23(3)

71-003744 Patzner, R. A. and Ichikawa, T. THE EFFECTS OF HYPOPHYSECTOMY IN THE TESTIS OF THE HAYFISH, /EPTATRETUS BURGERI/ GIRARD (CYCLOSTOMATA). *Zool. Anz.* 199 (5/6): 371-380. 1977. SFA 23(3)

71-003745 Patzner, R. A. CYCLICAL CHANGES IN THE OVARY OF THE HAGFISH /EPTATRETUS BURGERI/ (CYCLOSTOMATA). *Acta Zool. (Stockh.)* 59 (1): 57-61. 1978. SFA 23(3)

71-003746 Patzner, R. A. CYCLICAL CHANGES IN THE TESTIS OF THE HAGFISH /EPTATRETUS BURGERI/ (CYCLOSTOMATA). *Acta Zool. (Stockh.)* 58 (4): 223-226. 1977. SFA 23(2)

71-003747 Paul, D. H. and Roberts, B. L. THE SIGNIFICANCE OF CEREBELLAR FUNCTION FOR A REFLEX MOVEMENT OF THE DOGFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 134(1):69-74. 1979. SFA 25(1)

71-003748 Paul, D. H. and Roberts, B. L. THE LOCATION AND PROPERTIES OF THE EFFERENT NEURONS OF THE HEAD LATERAL-LINE ORGANS OF DOGFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 116 (1): 117-127. 1977. SFA 22(3)

71-003749 Paulson, L. J. THE SIGNIFICANCE OF AMMONIA REGENERATION BY TROUT ON PHYTOPLANKTON PRODUCTIVITY IN CASTLE LAKE, CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Davis)* 197p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4323. Apr. 1978. SFA 23(3)

71-003750 Pavlov, D. A. [COMPARATIVE ANALYSIS OF EMBRYONAL-LARVAL DEVELOPMENT OF THE EUROPEAN SALMONS OF THE GENUS /SALMO/.] *Zool. Zh.* 58 (5): 674-684. May 1979. In Russian with English summ. SFA 24(4)

71-003751 Paxton, R. and Umminger, B. L. ENZYME CHANGES ASSOCIATED WITH HEPATIC GLYCOGEN METABOLISM IN HYPOPHYSECTOMIZED GOLDFISH. *Ohio J. Sci.* 79: 7. Apr. 1979. Abstract only. SFA 24(3)

71-003752 Paxton, R.; Kuettner, C.; Lucas, M. and Umminger, B. L. ENZYMATIC CONTROL OF HEPATIC GLYCOGEN ACCUMULATION IN HYPOPHYSECTOMIZED GOLDFISH. *Am. Zool.* 18 (3): 651. 1978. Abstract only. SFA 24(2)

71-003753 Payan, P. A STUDY OF THE NA+/NH(4)+ EXCHANGE ACROSS THE GILL OF THE PERFUSED HEAD OF THE TROUT (/SALMO GAIRDNERI/). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124(2):181-188. 1978. SFA 23(3)

71-003754 Payan, P. and Girard, J.-P. MISE EN EVIDENCE D'UN ECHANGE NA+/NH(4)+ DANS LA BRANCHIE DE LA TRUITE ADAPTEE A L'EAU DE MER: CONTROLE ADRENERGIQUE. [EVIDENCE OF NA+/NH(4)+ EXCHANGE IN THE GILL OF TROUT ADAPTED TO SEA WATER.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 286(4):335-338. 30 Jan. 1978. In French with English summ. SFA 23(3)

71-003755 Payan, P. and Pic, P. ORIGINE DE L'AMMONIUM EXCRETE PAR LES BRANCHIES CHEZ LA TRUITE (/SALMO GAIRDNERI/). [ORIGIN OF AMMONIA EXCRETED BY THE TROUT GILL (/SALMO GAIRDNERI/).] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284 (24): 2519-2522. 27 June 1977. In French with English summ. SFA 22(4)

71-003756 Payan, P.; Pic, P. and de Renzis, G. COMPARAISON DES ECHANGES BRANCHIAUX DE CL- EN EAU DOUCE CHEZ /SALMO GAIRDNERI/ IN VIVO ET IN VITRO SUR LA TETE ISOLEE PERFUSEE. [COMPARISON OF BRANCHIAL EXCHANGES OF CL- IN /SALMO GAIRDNERI/ IN VIVO AND IN VITRO IN THE ISOLATED HEAD.] *J. Fish. Res. Board Can.* 35(4):477-479. Apr. 1978. In French with English summ. SFA 23(3)

71-003757 Payne, A. I. GUT PH AND DIGESTIVE STRATEGIES IN ESTUARINE GREY MULLET (MUGILIDAE) AND TILAPIA (CICHLIDAE). *J. Fish Biol.* 13 (5): 627-629. Nov. 1978. SFA 24(2)

71-003758 Peignoux-Deville, J.; Milet, C. and Martelly, E. EFFETS DE L'ABLATION DU CORPS ULTIMOBRANCHIAL ET DE LA PERFUSION DE CALCITONINE SUR LES FLUX DE CALCIUM AU NIVEAU DES BRANCHIES DE L'ANGUILLE (/ANGUILLA ANGUILLA/ L.). [EFFECTS OF ABLATION OF THE ULTIMOBRANCHIAL BODY AND OF CALCITONIN PERFUSION ON CALCIUM INFLUX AND OUTFLUX IN THE GILLS OF THE EEL /ANGUILLA ANGUILLA/ L.] *Ann. Biol. Anim. Biochim. Biophys.* 18 (1): 119-126. 1978. In French with English summ. SFA 23(3)

71-003759 Penczak, T.; Molinski, M.; Kusto, E.; Ichniowska, B. and Zalewski, M. THE ECOLOGY OF ROACH, /RUTILUS RUTILUS/ (L.), IN THE BARBEL REGION OF THE POLLUTED PILICA RIVER. III. LIPIDS, PROTEIN, TOTAL NITROGEN AND CALORICITY. *Ekol. Pol.* 25 (1): 75-88. 1977. In English with Polish summ. SFA 23(1)

71-003760 Penney, R. K. and Goldspink, G. COMPENSATION LIMITS OF FISH MUSCLE MYOFIBRILLAR ATPase ENZYME TO ENVIRONMENTAL TEMPERATURE. *J. Therm. Biol.* 4(4):269-272. Oct. 1979. SFA 25(1)

71-003761 Penney, R. K. and G. Goldspink. TEMPERATURE ADAPTATION OF SARCOPLASMIC RETICULUM OF FISH MUSCLE. *J. Therm. Biol.* 5(2):63-68. Apr. 1980. SFA 25(3)

71-003762 Percy, L. R. and Potter, I. C. CHANGES IN HAEMOPOIETIC SITES DURING THE METAMORPHOSIS OF THE LAMPREYS /LAMPETRA FLUVIATILIS/ AND /LAMPETRA PLANERI/. *J. Zool. (Lond.)* 183 (1): 111-123. Sept. 1977. SFA 23(1)

71-003763 Percy, L. R. and Potter, I. C. THE INTESTINAL BLOOD CIRCULATION IN THE RIVER LAMPREY, /LAMPETRA FLUVIATILIS/. *J. Zool. (Lond.)* 187(3):415-431. Mar. 1979. SFA 24(3)

71-003764 Percy, R. and Potter, I. C. BLOOD CELL FORMATION IN THE RIVER LAMPREY, /LAMPETRA FLUVIATILIS/. *J. Zool. (Lond.)* 178 (3): 319-340. Mar. 1976. SFA 22(3)

71-003765 Perera, P. A. B. and De Silva, S. S. STUDIES ON THE CHEMICAL BIOLOGY OF YOUNG GREY MULLET, /MUGIL CEPHALUS/ L. *J. Fish Biol.* 13 (3): 297-304. Sept. 1978. SFA 24(1)

71-003766 Perez, J. E. and Maclean, N. THE HAEMOGLOBINS OF THE FISH /SAROTHERODON MOSSAMBICUS/ (PETERS): FUNCTIONAL SIGNIFICANCE AND ONTOGENETIC CHANGES. *J. Fish Biol.* 9(5):447-455. Nov. 1976. SFA 22(2)

71-003767 Perez, J. E. and Maclean, N. MULTIPLE GLOBINS AND HAEMOGLOBINS IN FOUR SPECIES OF GREY MULLET (MUGILIDAE, TELEOSTA). *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (4): 465-468. 1976. SFA 22(1)

71-003768 Perez, J. E. and Maclean, N. MULTIPLE GLOBINS AND HAEMOGLOBINS IN THE BASS, /DICENTRARCHUS LABRAX/ (L.) (SERRANIDAE: TELEOSTEI). *J. Fish Biol.* 8 (5): 413-417. May 1976. SFA 22(1)

71-003769 Perrier, C.; Terrier, M. and Perrier, H. A TIME-COURSE STUDY OF THE EFFECTS OF ANGLING STRESS ON CYCLIC AMP, LACTATE AND GLUCOSE PLASMA LEVELS IN THE RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON) DURING A 64 HOUR RECOVERY PERIOD. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 217-219. 1978. SFA 23(4)

71-003770 Perrier, H. and Perrier, C. SENSIVITY TO HEAT OF THE FIBRINOGEN OF THE RAINBOW TROUT (/SALMO GAIRDNERII/). *Comp. Biochem. Physiol. A Comp. Physiol.* 63(4):481-482. 1979. SFA 25(1)

71-003771 Perrier, H.; H. Bornet; C. Perrier and G. Pérès. INFLUENCE DE L'ACCLIMATATION DE LA TRUITE ARC-EN-CIEL (*SALMO GAIRDNERII* RICH.) À 9 ET 21°, AU COURS DE L'HIVER ET DU PRINTEMPS SUR LES TAUX PLASMATIQUES DES HORMONES THYRÏDIENNES ET DE LA PROTÉINE DE LIASON DES IODURES. [THYROID HORMONE AND IODIDE BINDING PROTEIN PLASMA LEVELS IN THE RAINBOW TROUT ACCLIMATED AT 9 AND 21° DURING WINTER AND SPRING]. *C.R. Hebd. Séances Acad. Sci. Sér. D Sci. Nat.* 289(4):429-431. 17 Sept. 1979. In French with English summ. SFA 25(2)

71-003772 Perrier, H.; Perrier, C.; Peres, G. and Gras, J. THE LIPOPROTEINS OF THE PLASMA OF THE RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON): IMMUNOELECTROPHORESIS, SELECTIVE PRECIPITATION AND LIPID COMPOSITION. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (3): 245-248. 1979. SFA 24(3)

71-003773 Perrier, H.; Perrier, C.; Delcroix, J. P.; Bornet, H. and Gras, J. STUDY OF THE IODIDE BINDING PROTEIN OF THE PLASMA OF THE RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON). *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (2): 165-167. 1976. SFA 22(2)

71-003774 Perrine, D. and Georges, P. ACTIVITE DE L'ACETYLCHOLINE SUR LE VENTRICULE DU COEUR DE POISSON ROUGE /CARASSIUS AURATUS/, TELEOSTEEN, CYPRINIDE. MODIFICATION DE LA REPONSE EN FONCTION DE LA TEMPERATURE. [THE ACETYLCHOLINE ACTIVITY ON THE VENTRICLE OF THE GOLDFISH HEART, /CARASSIUS AURATUS/, TELEOST, CYPRINIDAE. MODIFICATION OF THE RESPONSE BY MEANS OF THE TEMPERATURE.] *C. R. Seances Soc. Biol. Fil.* 172 (1): 58-66. 20 May 1978. In French with English summ. SFA 23(4)

71-003775 Perry, J. W. A COMPARISON OF THE BLOOD RESPIRATORY PROPERTIES OF THE GAR AND BOWFIN (/LEPISOSTEUS/, /AMIA/). *Proc. W. Va. Acad. Sci.* 48 (1): 28. 1976. Abstract only. SFA 21(2).

71-003776 Perry, J. W. ASPECTS OF REPIRATORY ADAPTATION IN THE BOWFIN, /AMIA CALVA/. *Ph.D. dissertation, Univ. Okla.* 123p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5278. May 1979. SFA 24(3)

71-003777 Persson, L. THE EFFECTS OF TEMPERATURE AND DIFFERENT FOOD ORGANISMS ON THE RATE OF GASTRIC EVACUATION IN PERCH (/PERCA FLUVIATILIS/). *Freshwater Biol.* 9 (2): 99-104. Apr. 1979. SFA 24(3)

71-003778 Perzanowska, A. LIGHT CHAINS OF FISH SKELETAL WHITE MUSCLE MYOSIN. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (3): 245-248. 1977. SFA 22(3)

71-003779 Peter, R. E. and Crim, L. W. HYPOTHALAMIC LESIONS OF GOLDFISH: EFFECTS ON GONADAL RECRUDESCENCE AND GONADOTROPIN SECRETION. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 819-823. 1978. SFA 24(1)

71-003780 Peter, R. E.; Crim, L. W.; Goos, H. J. Th. and Crim, J. W. LESIONING STUDIES ON THE GRAVID FEMALE GOLDFISH: NEUROENDOCRINE REGULATION OF OVULATION. *Gen. Comp. Endocrinol.* 35 (4): 391-401. Aug. 1978. SFA 24(1)

71-003781 Peter, R. E.; Hontela, A.; Cook, A. F. and Paulencu, C. R. DAILY CYCLES IN SERUM CORTISOL LEVELS IN THE GOLDFISH: EFFECTS OF PHOTOPERIOD, TEMPERATURE, AND SEXUAL CONDITION. *Can. J. Zool.* 56 (11): 2443-2448. Nov. 1978. In English with French summ. SFA 24(2)

71-003782 Peterka, J. J. and Kent, J. S. DISSOLVED OXYGEN, TEMPERATURE, SURVIVAL OF YOUNG AT FISH SPAWNING SITES. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-113. vii + 36p. Dec. 1976. SFA 23(2)

71-003783 Peters, G.; H. Delventhal and H. Klinger. PHYSIOLOGICAL AND MORPHOLOGICAL EFFECTS OF SOCIAL STRESS IN THE EEL, (*ANGUILLA ANGUILLA* L.). *Arch. Fischereiwiss.* 30(2-3):157-180. Mar. 1980. In English with German summ. SFA 25(3)

71-003784 Peterson, A. J. and Poluhowich, J. J. THE EFFECTS OF ORGANIC PHOSPHATES ON THE OXYGENATION BEHAVIOR OF EEL MULTIPLE HEMOGLOBINS. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (4): 351-354. 1976. SFA 22(1)

71-003785 Peterson, R. H.; Spinney, H. C. E. and Sreedharan, A. DEVELOPMENT OF ATLANTIC SALMON (/SALMO SALAR/) EGGS AND ALEVINS UNDER VARIED TEMPERATURE REGIMES. *J. Fish. Res. Board Can.* 34 (1): 31-43. Jan. 1977. In English with French summ. SFA 22(2)

71-003786 Pettersson, K. and S. Nilsson. DRUG INDUCED CHANGES IN CARDIOVASCULAR PARAMETERS IN THE ATLANTIC COD, *GADUS MORHUA*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 137(2):131-138. May 1980. SFA 25(3)

71-003787 Pettersson, K. and Nilsson, S. NERVOUS CONTROL OF THE BRANCHIAL VASCULAR RESISTANCE OF THE ATLANTIC COD, /GADUS MORHUA/. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 129 (2): 179-183. 31 Jan. 1979. SFA 24(2)

71-003788 Pettit, M. J. and T. L. Beitinger. THERMAL RESPONSES OF THE SOUTH AMERICAN LUNGFISH, *LEPIDOSIREN PARADOXA*. *Copeia* 1980(1):130-136. 1 Feb. 1980. SFA 25(2)

71-003789 Petzel, D. H.; H. M. Reisman and A. L. DeVries. SEASONAL VARIATION OF ANTIFREEZE PEPTIDE IN THE WINTER FLOUNDER, *PSEUDOPLEURONECTES AMERICANUS*. *J. Exp. Zool.* 211(1):63-69. Jan. 1980. SFA 25(3)

71-003790 Peute, J.; M. Terlou; B. Breton; H. J. Th. Goos and P. G. W. J. Van Oordt. EFFECTS OF OVARIECTOMY ON GONADOTROPHS AND NLT OF THE RAINBOW TROUT. *Gen. Comp. Endocrinol.* 40(3):340. Mar. 1980. Abstract only. SFA 25(2)

71-003791 Peute, J.; van der Gaag, M. A. and Lambert, J. G. D. ULTRASTRUCTURE AND LIPID CONTENT OF THE LIVER OF THE ZEBRAFISH, /BRACHYDANIO RERIO/, RELATED TO VITELLOGENIN SYNTHESIS. *Cell Tissue Res.* 186 (2): 297-308. 1978. SFA 23(3)

71-003792 Peyraud-Waitzenegger, M.; Savina, A.; Laparra, J. and Morfin, R. BLOOD-BRAIN BARRIER FOR EPINEPHRINE IN THE EEL (/ANGUILLA ANGUILLA/ L.). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 63 (1): 35-38. 1979. SFA 24(4)

71-003793 Peyraud-Waitzenegger, M.; L. Barthelemy and C. Peyraud. CARDIOVASCLUAR AND VENTILATORY EFFECTS OF CATECHOLAMINES IN UNRESTRAINED EELS (*ANGUILLA ANGUILLA* L.). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 138(4):367-375. 1980. SFA 25(4)

71-003794 Pfeffer, E. UEBER DIE VERTEILUNG VON MINERALISCHEN MENGENELEMENTEN IM KOERPER VON FORELLEN UND KARPFEN. [DISTRIBUTION OF MAJOR MINERAL ELEMENTS IN THE BODY OF TROUT AND CARP.] *J. Anim. Physiol. Anim. Nutr.* 40(3):159-164. June 1978. In German with English summ. SFA 25(1)

71-003795 Pfeiffer, W. HETEROCYCLIC COMPOUNDS AS RELEASERS OF THE FRIGHT REACTION IN THE GIANT DANIO /DANIO MALABARICUS/ (JERDON) (CYPRINIDAE, OSTARIOPHYSI, PISCES). *J. Chem. Ecol.* 4 (6): 665-673. Nov. 1978. SFA 24(1)

71-003796 Pfeiler, E. EFFECTS OF HYDROSTATIC PRESSURE ON (NA+ + K+)-ATPASE AND MG^2+-ATPASE IN GILLS OF MARINE TELEOST FISH. *J. Exp. Zool.* 205(3):393-402. Sept. 1978. SFA 23(4)

71-003797 Pfeiler, E. GILL ATPASE ACTIVITIES IN THE SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/). *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (1): 119-121. 1976. SFA 22(1)

71-003798 Pfeiler, E. NA-ATPASE AND NAK-ATPASE ACTIVITIES IN GILLS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 97-104. 1978. SFA 23(3)

71-003799 Pfeiler, E. VOLUME CHANGES ASSOCIATED WITH HYDROLYSIS OF ATP BY TELEOST BRANCHIAL $(Na^+ + K^+)$-ATPase AND MG^{2+}-ATPase. *J. Exp. Zool.* 212(2):291-299. May 1980. SFA 25(4)

71-003800 Phillips, G. R. and Gregory, R. W. ASSIMILATION EFFICIENCY OF DIETARY METHYLMERCURY BY NORTHERN PIKE (/ESOX LUCIUS/). *J. Fish. Res. Board Can.* 36(12):1516-1519. Dec. 1979. In English with French summ. SFA 25(1)

71-003801 Phleger, C. F. and Saunders, B. S. SWIM-BLADDER SURFACTANTS OF AMAZON AIR-BREATHING FISHES. *Can. J. Zool.* 56 (4): 946-952. Apr. 1978. In English with French summ. SFA 23(3)

71-003802 Phleger, C. F. GILL PHOSPHOLIPIDS OF AMAZON FISHES. *Can. J. Zool.* 56 (4): 793-794. Apr. 1978. In English with French summ. SFA 23(3)

71-003803 Phleger, C. F.; Grimes, P. W.; Pesely, A. and Horn, M. H. SWIMBLADDER LIPIDS OF FIVE SPECIES OF DEEP BENTHOPELAGIC ATLANTIC OCEAN FISHES. *Bull. Mar. Sci.* 28 (1): 198-202. Jan. 1978. SFA 23(2)

71-003804 Phleger, C. F.; Holtz, R. B. and Grimes, P. W. MEMBRANE BIOSYNTHESIS IN SWIMBLADDERS OF DEEP SEA FISHES /CORYPHAENOIDES ACROLEPIS/ AND /ANTIMORA ROSTRATA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (1): 25-30. 1977. SFA 22(1)

71-003805 Phromsuthirak, P. ELECTRON MICROSCOPY OF WOUND HEALING IN THE SKIN OF /GASTEROSTEUS ACULEATUS/. *J. Fish Biol.* 11 (2): 193-206. Aug. 1977. SFA 23(1)

71-003806 Pic, P. A COMPARATIVE STUDY OF THE MECHANISM OF NA+ AND CL- EXCRETION BY THE GILL OF /MUGIL CAPITO/ AND /FUNDULUS HETEROCLITUS/: EFFECTS OF STRESS. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 123(2):155-162. 1978. SFA 23(3)

71-003807 Pic, P. and M. Djabali. EFFETS DE LA THÉOPHYLLINE SUR LA CONCENTRATION BRANCHIALE EN AMP CYCLIQUE ET SUR LES TRANSFERTS BRANCHIAUX D'EAU CHEZ *MUGIL CAPITO* EN EAU DE MER. [THEOPHYLLINE EFFECTS ON CYCLIC AMP CONCENTRATION AND WATER TRANSFER IN THE GILLS OF *MUGIL CAPITO* IN SEA WATER]. *C.R. Hebd. Séances Acad. Sci. Sér. D Sci. Nat.* 289(4):417-420. 17 Sept. 1979. In French with English summ. SFA 25(2)

71-003808 Pic, P. and Maetz, J. CONTROLE DES MECANISMES D'EXCRETION BRANCHIALE DU NA+ PAR LES IONS CA++ ET MG++ DU MILIEU EXTERIEUR CHEZ LE FLET, /PLATICHTHYS FLESUS/, EN EAU DE MER. [CONTROL OF GILL MECHANISMS OF EXCRETION OF NA+ BY CA++ AND MG++ FROM EXTERNAL MEDIUM IN THE FLOUNDER, /PLATICHTHYS FLESUS/ IN SEA WATER.] *C.R. Hebd. Seances Acad. Sci. Ser. D. Sci. Nat.* 287 (8): 817-820. 9 Oct. 1978. In French with English summ. SFA 24(2)

71-003809 Pic, P.; Ellory, J. C. and Lucu, C. EVIDENCE THAT K-DEPENDENT TRANSPORT COMPONENTS IN ADDITION TO NA-K ATPASE ARE INVOLVED IN NA AND CL EXCRETION IN MARINE TELEOST GILLS. *J. Exp. Biol.* 79: 1-6. Apr. 1979. SFA 24(3)

71-003810 Pickering, A. D. A NOTE ON THE FAILURE OF VITAMIN A TO INFLUENCE THE EPIDERMIS OF THE BROWN TROUT, /SALMO TRUTTA/ L. *J. Fish Biol.* 12 (5): 441-447. May 1978. SFA 23(4)

71-003811 Pickering, A. D. SEASONAL CHANGES IN THE EPIDERMIS OF THE BROWN TROUT /SALMO TRUTTA/ (L.). *J. Fish Biol.* 10 (6): 561-566. June 1977. SFA 22(4)

71-003812 Pickering, A. D. and Macey, D. J. STRUCTURE, HISTOCHEMISTRY AND THE EFFECT OF HANDLING ON THE MUCOUS CELLS OF THE EPIDERMIS OF THE CHAR /SALVELINUS ALPINUS/ (L.). *J. Fish Biol.* 10(5):505-512. May 1977. SFA 22(3)

71-003813 Pickford, G. E. and Strecker, E. L. THE SPAWNING REFLEX RESPONSE OF THE KILLIFISH, /FUNDULUS HETEROCLITUS/: ISOTOCIN IS RELATIVELY INACTIVE IN COMPARISON WITH ARGININE VASOTOCIN. *Gen. Comp. Endocrinol.* 32 (2): 132-137. June 1977. SFA 22(4)

71-003814 Picukans, I. and Umminger, B. L. COMPARATIVE ACTIVITIES OF GLYCOGEN PHOSPHORYLASE AND GAMMA-AMYLASE IN LIVERS OF CARP (/CYPRINUS CARPIO/) AND GOLDFISH (/CARASSIUS AURATUS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 455-457. 1979. SFA 24(3)

71-003815 Piront, A. and Gerday, Ch. PHYLOGENETIC RELATIONSHIPS BETWEEN CYPRINIDAE PARVALBUMINS.--I. CHARACTERIZATION OF CHUB (/LEUCISCUS CEPHALUS/ L.) COMPONENTS. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (3): 443-449. 1978. SFA 24(2)

71-003816 Plant, P. W.; Nielsen, J. B. K. and Haschemeyer, A. E. V. CONTROL OF PROTEIN SYNTHESIS IN TEMPERATURE ACCLIMATION. I. CHARACTERIZATION OF POLYPEPTIDE ELONGATION FACTOR 1 OF TOADFISH LIVER. *Physiol. Zool.* 50 (1): 11-21. Jan. 1977. SFA 22(3)

71-003817 Platt, S. and Hauser, W. J. OPTIMUM TEMPERATURE FOR FEEDING AND GROWTH OF /TILAPIA ZILLII/. *Prog. Fish-Cult.* 40 (3): 105-107. July 1978. SFA 24(1)

71-003818 Plavis, G. W. and Piavis, M. G. IMPLANTATION OF AN ABDOMINAL WINDOW IN THE SEA LAMPREY, /PETROMYZON MARINUS/ (PISCES: PETROMYZONIDAE). *Copeia* 1978 (2): 349-352. 5 May 1978. SFA 23(3)

71-003819 Plisetskaya, E. FATTY ACID LEVELS IN BLOOD OF CYCLOSTOMES AND FISH. *Environ. Biol. Fishes* 5(3):273-290. 29 Sept. 1980. SFA 25(4)

71-003820 Plisetskaya, E. M.; Leybush, B. N.; Bondareva, V. M. and Polyakova, T. I. FUNCTION OF THE PANCREATIC ISLET TISSUE OF THE SMALL-SCALED SCORPIONFISH (/SCORPAENA PORCUS/) UNDER THE INFLUENCE OF EXPERIMENTAL STIMULI. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 448-454. 1977. SFA 23(3)

71-003821 Polenov, A. L. and Pavlovic, M. THE HYPOTHALAMO-HYPOPHYSIAL SYSTEM IN ACIPENSERIDAE: VII. THE FUNCTIONAL MORPHOLOGY OF THE PEPTIDERGIC NEUROSECRETORY CELLS IN THE PREOPTIC NUCLEUS OF THE STURGEON, /ACIPENSER GULDENSTADTI/ BRANDT. A QUANTITIVE STUDY. *Cell Tissue Res.* 186 (3): 559-570. 1978. SFA 23(3)

1-003822 Polenov, A. L.; M. A. Belenky and P. E. Garlov. THE HYPOTHALAMO-YPOPHYSIAL SYSTEM IN ACIPENSERIDAE. VII. QUANTITATIVE ELECTRON MICROSCOPIC TUDY OF THE FUNCTIONAL STATE OF NEUROSECRETORY TERMINALS IN THE EUROHYPOPHYSIS OF *ACIPENSER GÜLDENSTÄDTI* BRANDT DURING UPSTREAM MIGRATION ND AFTER SPAWNING. *Cell Tissue Res.* 203(2):311-320. Nov. 1979. SFA 25(2)

1-003823 Ponniah, A. G. and Pandian, T. J. SURFACING ACTIVITY AND FOOD TILIZATION IN THE AIR-BREATHING FISH /POLYACANTHUS CUPANUS/ EXPOSED TO ONSTANT PO(2). *Hydrobiologia* 53 (3): 221-227. 26 Apr. 1977. SFA 22(3)

71-003824 Pontier, P. J. and Hart, N. H. TEMPORAL PATTERNS OF ISOZYME EXPRESSION DURING EMBRYOGENESIS OF THE ZEBRAFISH, /BRACHYDANIO RERIO/. *Am. Zool.* 18 (3): 659. 1978. Abstract only. SFA 24(2)

71-003825 Poole, C. A. and Satchell, G. H. NOCICEPTORS IN THE GILLS OF THE DOGFISH /SQUALUS ACANTHIAS/. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 130 (1): 1-7. 19 Mar. 1979. SFA 24(3)

71-003826 Porter, D. A. and A. J. Fivizzani. THE INFLUENCE OF TEMPERATURE, DAYLENGTH AND SALINITY IN GONADAL DEVELOPMENT OF THE BANDED KILLIFISH, *FUNDULUS DIAPHANUS*. *Proc. N. D. Acad. Sci.* 34:50. Apr. 1980. SFA 25(3)

71-003827 Poston, H. A. NEUROENDOCRINE MEDIATION OF PHOTOPERIOD AND OTHER ENVIRONMENTAL INFLUENCES ON PHYSIOLOGICAL RESPONSES IN SALMONIDS: A REVIEW. *U.S. Fish Wildl. Serv. Tech. Pap.* 96. i + 14p. 1978. SFA 24(2)

71-003828 Potter, I. C. and Beamish, F. W. H. CHANGES IN HAEMATOCRIT AND HAEMOGLOBIN CONCENTRATION DURING THE LIFE CYCLE OF THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (4): 431-434. 1978. SFA 23(4)

71-003829 Potter, I. C. and Brown, I. D. CHANGES IN HAEMOGLOBIN ELECTROPHEROGRAMS DURING THE LIFE CYCLE OF TWO CLOSELY RELATED LAMPREYS. *Comp. Biochem. Physiol. B Comp. Biochem.* 51 (4): 517-519. Aug. 1975. SFA 22(1)

71-003830 Potter, I. C.; R. W. Hilliard and D. J. Bird. METAMORPHOSIS IN THE SOUTHERN HEMISPHERE LAMPREY, *GEOTRIA AUSTRALIS*. *J. Zool. (Lond.)* 190(3): 405-430. Mar. 1980. SFA 25(3)

71-003831 Potter, I. C.; Percy, R. C. and Youson, J. H. A PROPOSAL FOR THE ADAPTIVE SIGNIFICANCE OF THE DEVELOPMENT OF THE LAMPREY FAT COLUMN. *Acta Zool. (Stockh.)* 59(1):63-67. 1978. SFA 23(3)

71-003832 Potter, I. C.; Wright, G. M. and Youson, J. H. METAMORPHOSIS IN THE ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L. *Can. J. Zool.* 56 (4): 561-570. Apr. 1978. In English with French summ. SFA 23(3)

71-003833 Prack, M. and De Vlaming, V. EFFECTS OF OVINE PROLACTIN ON LIVER GLYOGEN, PLASMA GLUCOSE AND PLASMA LIPIDS IN /CARASSIUS AURATUS/. *Am. Zool.* 18(3):636. 1978. Abstract only. SFA 24(2)

71-003834 Prack, M.; B. Butler; P. Carolan; R. Martinez and V. L. De Vlaming. SEASONAL EFFECTS OF PROLACTIN ON ASPECTS OF CARBOHYDRATE AND LIPID METABOLISM IN THE GOLDFISH, *CARASSIUS AURATUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(3):337-342. 1980. SFA 25(2)

71-003835 Prack, M.; M. Antoine; M. Caiati; M. Roskowski; T. Treacy; M. J. Vodicnik and V. L. De Vlaming. THE EFFECTS OF MAMMALIAN PROLACTIN AND GROWTH HORMONE ON GOLDFISH (*CARASSIUS AURATUS*) GROWTH, PLASMA AMINO ACID LEVELS AND LIVER AMINO ACID UPTAKE. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(2):307-310. 1980. SFA 25(4)

71-003836 Precht, H. and Plett, A. THE INFLUENCE OF ENVIRONMENTAL TEMPERATURE AND SALINITY ON ANIMALS. III. SALINITY. *Zool. Anz.* 202 (5/6): 425-436. 1979. SFA 24(4)

71-003837 Priede, I. G. and F. G. T. Holliday. THE USE OF A NEW TILTING TUNNEL RESPIROMETER TO INVESTIGATE SOME ASPECTS OF METABOLISM AND SWIMMING ACTIVITY OF THE PLAICE (*PLEURONECTES PLATESSA* L.). *J. Exp. Biol.* 85:295-309. Apr. 1980. SFA 25(3)

71-003838 Priede, I. G. and Young, A. H. THE ULTRASONIC TELEMETRY OF CARDIAC RHYTHMS OF WILD BROWN TROUT (/SALMO TRUTTA/ L.) AS AN INDICATOR OF BIO-ENERGETICS AND BEHAVIOUR. *J. Fish Biol.* 10 (4): 299-318. Apr. 1977. SFA 22(3)

71-003839 Priede, I. G. and Tytler, P. HEART RATE AS A MEASURE OF METABOLIC RATE IN TELEOST FISHES; /SALMO GAIRDNERI/, /SALMO TRUTTA/ AND /GADUS MORHUA/. *J. Fish Biol.* 10 (3): 231-242. Mar. 1977. SFA 22(3)

71-003840 Priede, I. G. THE BLOOD CIRCULATORY FUNCTION OF THE DORSAL AORTA LIGAMENT IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Zool. (Lond.)* 175 (1): 39-52. Jan. 1975. SFA 22(2)

71-003841 Primor, N. and Tu, A. T. CONFORMATION OF THE PARDAXIN, THE PURIFIED POLYPEPTIDE FROM THE TOXIC SECRETION OF THE FLATFISH, /PARDACHIRUS MARMORATUS/, USING THE RAMAN AND C.D. SPECTROMETRY. *Toxicon* 17(suppl. 1):143. 1979. Abstract only. SFA 25(1)

71-003842 Primor, N.; I. Sabnay; V. Lavie and E. Zlotkin. TOXICITY TO FISH, EFFECT ON GILL ATPase AND GILL ULTRASTRUCTURAL CHANGES INDUCED BY *PARDACHIRUS* SECRETION AND ITS DERIVED TOXIN PARDAXIN. *J. Exp. Zool.* 211(1):33-43. Jan. 1980. SFA 25(3)

71-003843 Pritchard, J. B.; J. B. Anderson; D. P. Rall and A. M. Guarino. COMPARATIVE HEPATIC AND RENAL HANDLING OF PHENOL RED AND INDOCYANINE GREEN BY CYCLOSTOME, ELASMOBRANCH AND TELEOST FISH. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 65(2):99-104. 1980. SFA 25(3)

71-003844 Pucke, J. and Umminger, B. L. DEPRESSION OF BRANCHIAL NA/K-ACTIVATED ATPASE ACTIVITY WITH COLD ACCLIMATION IN SALT-WATER-ADAPTED KILLIFISH. *Am. Zool.* 18 (3): 576. 1978. Abstract only. SFA 24(2)

71-003845 Pucke, J. and Umminger, B. L. HISTOPHYSIOLOGY OF THE GILLS AND DENDRITIC ORGAN OF THE MARINE CATFISH, /PLOTOSUS LINEATUS/, IN RELATION TO OSMOREGULATION. *Copeia* 1979 (2): 357-360. 18 May 1979. SFA 24(3)

71-003846 Pullin, R. S. V.; D. J. Morris; C. R. Bridges and R. J. A. Atkinson. ASPECTS OF THE RESPIRATORY PHYSIOLOGY OF THE BURROWING FISH *CEPOLA RUBESCENS* L. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(1):35-42. 1980. SFA 25(3)

71-003847 Push, S. and Moller, P. SPATIAL ASPECTS OF ELECTROLOCATION IN THE MORMYRID FISH, /GNATHONEMUS PETERSII/. *J. Physiol. (Paris)* 75:355-357. 1979. SFA 25(1)

71-003848 Putnam, R. W. and Freel, R. W. HEMATOLOGICAL PARAMETERS OF FIVE SPECIES OF MARINE FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (4): 585-588. 1978. SFA 24(1)

71-003849 Pye, V. I.; Wieser, W. and Zech, M. THE EFFECT OF SEASON AND EXPERIMENTAL TEMPERATURE ON THE RATES OF OXIDATIVE PHOSPHORYLATION OF LIVER AND MUSCLE MITOCHONDRIA FROM THE TENCH, /TINCA TINCA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 13-20. 1976. SFA 22(1)

71-003850 Qvist, J.; Weber, R. E.; DeVries, A. L. and Zapol, W. M. PH AND HAEMOGLOBIN OXYGEN AFFINITY IN BLOOD FROM THE ANTARCTIC COD /DISSOSTICHUS MAWSONI/. *J. Exp. Biol.* 67: 77-88. Apr. 1977. SFA 22(3)

71-003851 Rahmann, H. and R. Hilbig. BRAIN GANGLIOSIDES ARE INVOLVED IN THE ADAPTATION OF ANTARCTIC FISH TO EXTREME LOW TEMPERATURES. *Naturwissenschaften* 67(5):259-260. May 1980. SFA 25(3)

71-003852 Rajagopal, P. K. THE EMBRYONIC DEVELOPMENT AND THE THERMAL EFFECTS ON THE DEVELOPMENT OF THE MOUNTAIN WHITEFISH, /PROSOPIUM WILLIAMSONI/ (GIRARD). *J. Fish Biol.* 15(2):153-158. Aug. 1979. SFA 25(1)

71-003853 Rajagopal, P. K. RESPIRATORY METABOLISM AND ENERGY REQUIREMENTS OF EMBRYO, LARVAL AND JUVENILE MOUNTAIN WHITEFISH, /PROSOPIUM WILLIAMSONI/. *Ph.D. dissertation, Utah State Univ.* 112 p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-003854 Rajamani, M. and Job, S. V. FOOD UTILIZATION BY /TILAPIA MOSSAMBICA/ (PETERS): FUNCTION OF SIZE. *Hydrobiologia* 50 (1): 71-74. July 1976. SFA 21(4)

71-003855 Rakusa-Suszczewski, S. and McWhinnie, M. A. RESISTANCE TO FREEZING BY ANTARCTIC FAUNA: SUPERCOOLING AND OSMOREGULATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 54(3):291-300. 1976. SFA 22(1)

71-003856 Ramos, F. and Smith, A. C. KETONE BODIES IN FISH SKIN MUCUS AS AN INDICATOR OF STARVATION: A PRELIMINARY REPORT. *J. Fish Biol.* 12 (2): 105-108. Feb. 1978. SFA 23(3)

71-003857 Randall, D. J.; Farrell, A. P. and Haswell, M. S. CARBON DIOXIDE EXCRETION IN THE JEJU, /HOPLERYTHRINUS UNITAENIATUS/, A FACULTATIVE AIR-BREATHING TELEOST. *Can. J. Zool.* 56 (4): 970-973. Apr. 1978. In English with French summ. SFA 23(3)

71-003858 Randall, D. J.; Farrell, A. P. and Haswell, M. S. CARBON DIOXIDE EXCRETION IN THE PIRARUCU (/ARAPAIMA GIGAS/), AN OBLIGATE AIR-BREATHING FISH. *Can. J. Zool.* 56 (4): 977-982. Apr. 1978. In English with French summ. SFA 23(3)

71-003859 Rangneker, P. V. and Latey, A. N. INFLUENCE OF THE THYROID GLAND ON GONADAL ACTIVITY IN THE TELEOST, /TILAPIA MOSSAMBICA/ (PETERS). *J. Anim. Morphol. Physiol.* 24 (2): 344-352. Dec. 1977. SFA 23(3)

71-003860 Rao, T. R. EFFECTS OF SALINITY ON LARVAL GROWTH IN THE CALIFORNIA KILLIFISH, /FUNDULUS PARVIPINNIS/ GIRARD. *Calif. Fish Game* 63 (1): 22-28. Jan. 1977. SFA 22(3)

71-003861 Rao, T. R. SALINITY TOLERANCE OF LABORATORY-REARED LARVAE OF THE CALIFORNIA KILLIFISH, /FUNDULUS PARVIPINNIS/ GIRARD. *J. Fish Biol.* 7 (6): 783-790. Nov. 1975. SFA 22(2)

71-003862 Rasmussen, L. E. and Rasmussen, R. A. EXOGENOUS ^{14}C-UREA DISTRIBUTION IN SELECTED MARINE FISHES--ESPECIALLY TWO SPECIES OF SALMON, AND RESULTANT ALTERATION IN SERA AND GILL ENZYME LEVELS. *Comp. Biochem. Physiol. A Comp. Physiol.* 56(3):403-409. 1977. SFA 22(3)

71-003863 Rasskazov, V. A.; Nesterenko, V. F. and Galkin, V. V. A STUDY OF SOME PROPERTIES OF CHROMATIN AND SPECTRUM OF HISTONES IN THE LIVER CELLS OF SPAWNING /ONCORHYNCHUS GORBUSHA/ (WALB.). *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (2): 149-154. 1976. SFA 22(1)

71-003864 Raymond, J. A. and DeVries, A. L. SOME RESPIRATORY CHARACTERISTICS OF THE BLOOD OF FOUR ANTARCTIC FISHES. *J. Exp. Zool.* 196 (3): 393-396. June 1976. SFA 22(2)

71-003865 Raymond, J. A.; Lin, Y. and DeVries, A. L. GLYCOPROTEIN AND PROTEIN ANTIFREEZES IN TWO ALASKAN FISHES. *J. Exp. Biol.* 193(1):125-130. July 1975. SFA 22(2)

71-003866 Read, L. J. ABSENCE OF UREOGENIC PATHWAYS IN LIVER OF THE HAGFISH /BDELLOSTOMA CIRRHATUM/. *Comp. Biochem. Physiol. B Comp. Biochem.* 51 (1): 139-141. May 1975. SFA 22(1)

71-003867 Reckhaus, W.; Rahmann, H. and Romer, H. EFFECT OF COOLING ON PHOTIC EVOKED RESPONSES IN THE OPTIC TECTUM OF TELEOSTS. *J. Therm. Biol.* 4(3):209-212. July 1979. SFA 25(1)

71-003868 Redding, J. M. and Schreck, C. B. POSSIBLE ADAPTIVE SIGNIFICANCE OF CERTAIN ENZYME POLYMORPHISMS IN STEELHEAD TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (5): 544-551. May 1979. In English with French summ. SFA 24(3)

71-003869 Reinking, L. N. FACTORS AFFECTING PLASMA ALDOSTERONE CONCENTRATIONS IN A TELEOST FISH (/CATOSTOMUS MACROCHEILUS/). *Ph.D. dissertation, Univ. Mont.* 94p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3711. Feb. 1979. SFA 24(3)

71-003870 Reischl, E. OXYGEN EQUILIBRIA OF THE HEMOGLOBINS FROM THE FRESHWATER CATFISH /PIMELODUS MACULATUS/ (LACEPEDE, 1803). *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (2): 217-221. 1977. SFA 23(1)

71-003871 Renaud, J. M. and T. W. Moon. CHARACTERIZATION OF GLUCONEOGENESIS IN HEPATOCYTES ISOLATED FROM THE AMERICAN EEL, *ANGUILLA ROSTRATA* LESUEUR. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 135(2):115-125. 1980. SFA 25(2)

71-003872 Renfro, J. L. and K. G. Dickman. SULFATE TRANSPORT ACROSS THE PERITUBULAR SURFACE OF THE MARINE TELEOST RENAL TUBULE. *Am. J. Physiol.* 239(2):F143-F148. Aug. 1980. SFA 25(4)

71-003873 Renfro, J. L. INTERDEPENDENCE OF ACTIVE NA+ AND CL- TRANSPORT BY THE ISOLATED URINARY BLADDER OF THE TELEOST, /PSEUDOPLEURONECTES AMERICANUS/. *J. Exp. Zool.* 199(3):383-390. Mar. 1977. SFA 22(3)

71-003874 Reshetnikov, Yu. S. and Claro, R. M. CYCLES OF BIOLOGICAL PROCESSES IN TROPICAL FISHES WITH REFERENCE TO /LUTJANUS SYNAGRIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 711-723. 1976. SFA 23(2)

71-003875 Reynolds, W. W. and Casterlin, M. E. ESTIMATION OF CARDIAC OUTPUT AND STROKE VOLUME FROM THERMAL EQUILIBRATION AND HEARTBEAT RATES IN FISH. *Hydrobiologia* 57 (1): 49-52. 8 Jan. 1978. SFA 23(2)

71-003876 Reynolds, W. W. THERMAL EQUILIBRATION RATES IN RELATION TO HEARTBEAT AND VENTILATORY FREQUENCIES IN LARGEMOUTH BLACKBASS, /MICROPTERUS SALMOIDES/. *Comp. Biochem. Physiol. A Comp. Physiol.* 56(2):195-201. 1977. SFA 22(1)

71-003877 Reynolds, W. W.; McCauley, R. W.; Casterlin, M. E. and Crawshaw, L. I. BODY TEMPERATURES OF BEHAVIORALLY THERMOREGULATING LARGEMOUTH BLACKBASS (/MICROPTERUS SALMOIDES/). *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (4): 461-463. 1976. SFA 22(1)

71-003878 Reynolds, W. W.; Thomson, D. A. and Casterlin, M. E. TEMPERATURE AND SALINITY TOLERANCES OF LARVAL CALIFORNIAN GRUNION, /LEURESTHES TENUIS/ (AYRES): A COMPARISON WITH GULF GRUNION, /L. SARDINA/ (JENKINS & EVERMANN). *J. Exp. Mar. Biol. Ecol.* 24(1):73-82. 1 Oct. 1976. SFA 22(1)

71-003879 Rice, R. H.; Watts, D. A. and Brown, W. D. SEQUENCES OF THE SOLUBLE TRYPTIC PEPTIDES FROM MYOGLOBIN OF YELLOWFIN TUNA (/THUNNUS ALBACARES/). *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 481-487. 1979. SFA 24(3)

71-003880 Richardson, L. B.; Margrey, S. L. and Burton, D. T. MORTALITY OF ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/) EXPOSED TO CHRONIC HYPOXIA. *ASB (Assoc. Southeast. Biol.) Bull.* 23 (2): 90. Apr. 1976. SFA 21(4).

71-003881 Richardson, L. B.; Margrey, S. L. and Burton, D. T. THE EFFECTS OF SEVERAL RATES OF HYPOXIC STRESS ON THE MORTALITY OF ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/ (LATROBE). *ASB (Assoc. Southeast. Biol.) Bull.* 22 (2): 75. Apr. 1975. SFA 21(4).

71-003882 Richman, N. H. and Barnawell, E. B. OUABAIN AND UROPHYSIAL EXTRACT EFFECT ON SODIUM TRANSPORT ON THE SKIN AND INTESTINES OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Am. Zool.* 18 (3): 651. 1978. Abstract only. SFA 24(2)

71-003883 Richmond, M. C. and Zimmerman, E. G. EFFECT OF TEMPERATURE ON ACTIVITY OF ALLOZYMIC FORMS OF SUPERNATANT MALATE DEHYDROGENASE IN THE RED SHINER, /NOTROPIS LUTRENSIS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (3): 415-419. 1978. SFA 24(2)

71-003884 Ridge, R. M. A. P. PHYSIOLOGICAL RESPONSES OF STRETCH RECEPTORS IN THE PECTORAL FIN OF THE RAY /RAJA CLAVATA/. *J. Mar. Biol. Assoc. U.K.* 57 (2): 535-541. May 1977. SFA 22(3)

71-003885 Riegel, J. A. FACTORS AFFECTING GLOMERULAR FUNCTION IN THE PACIFIC HAGFISH /EPTATRETUS STOUTI/ (LOCKINGTON). *J. Exp. Biol.* 73: 261-277. Apr. 1978. SFA 23(3)

71-003886 Riehl, R. HISTO- UND ULTRAHISTOCHEMISCHE UNTERSUCHUNGEN AN DEN OOCYTEN VON /NOEMACHEILUS BARBATULUS/ (L.) UND GOBIO GOBIO/ (L.) (PISCES, TELEOSTEI). [HISTOCHEMICAL AND ULTRAHISTOCHEMICAL INVESTIGATIONS OF THE OOCYTES OF /NOEMACHEILUS BARBATULUS/ (L.) AND /GOBIO GOBIO/ (L.) (PISCES, TELEOSTEI).] *Zool. Anz.* 198 (5/6): 328-354. 1977. In German with English summ. SFA 23(1)

71-003887 Riehl, R. LICHT- UND ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN ZU BAU UND ENTWICKLUNG DER MIKROPYLEN VON /NOEMACHEILUS BARBATULUS/ (L.) UND /GOBIO GOBIO/ (L.) (PISCES, TELEOSTEI). [LIGHT- AND ELECTRONMICROSCOPICAL INVESTIGATIONS ABOUT STRUCUTRE AND DEVELOPMENT OF THE MICROPYLES OF /NOEMACHEILUS BARBATULUS/ AND /GOBIO GOBIO/ (PISCES, TELEOSTEI).] *Zool. Anz.* 198 (5/6): 313-327. 1977. In German with English summ. SFA 23(1)

71-003888 Riehl, R. THE OCCURRENCE OF SPERMATOZOA IN THE OVARY OF NULLIPAROUS FEMALES OF *HETERANDRIA FORMOSA* AGASSIZ, 1853 (PISCES, POECILIIDAE). *Cell Tissue Res.* 205(2):289-294. Feb. 1980. SFA 25(2)

71-003889 Rita Kumari, S. D. and N. B. Nair. OOGENESIS IN THE HILL STREAM LOACH *NOEMACHEILUS TRIANGULARIS* DAY. *Zool. Anz.* 203(3/4):259-271. 1979. SFA 25(2)

71-003890 Rizkalla, W. THE HYPOTHALAMO-NEUROHYPOPHYSIAL COMPLEX OF THE FRESHWATER CATFISH, /CLARIAS LAZERA/ C. AND V. *Libyan J. Sci.* 8B: 1-16. 1978. SFA 24(3)

71-003891 Rizzotti, M.; Comparini, A. and Rodino, E. THE HEMOGLOBINS OF /ANGUILLA ANGUILLA/ (L.) ONTOGENETIC VARATIONS. *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (2): 173-176. 1977. SFA 23(1)

71-003892 Roberts, B. L. and Ryan, K. P. CYTOLOGICAL FEATURES OF THE GIANT NEURONS CONTROLLING ELECTRIC DISCHARGES IN THE RAY, /TORPEDO/. *J. Mar. Biol. Assoc. U.K.* 55 (1): 123-131. Mar. 1975. SFA 22(3)

71-003893 Roberts, D. E., Jr. PRELIMINARY RESULTS OF LABORATORY MAINTENANCE, INDUCED SEXUAL REVERSAL, AND SEXUAL MATURATION OF THE PROTOGYNOUS GROUPER, *MYCTEROPERCA MICROLEPIS*. *Fla. Sci.* 43(Suppl. 1):26. 1980. Abstract only. SFA 25(2)

71-003894 Roberts, J. L. and Graham, J. B. EFFECT OF SWIMMING SPEED ON THE EXCESS TEMPERATURES AND ACTIVITIES OF HEART AND RED AND WHITE MUSCLES IN THE MACKEREL, /SCOMBER JAPONICUS/. *NOAA Fish. Bull.* 76 (4): 861-867. 1979. SFA 24(2)

71-003895 Roberts, J. L. ACTIVE BRANCHIAL AND RAM GILL VENTILATION IN FISHES. *Biol. Bull.* 148 (1): 85-105. Feb. 1975. SFA 21(4).

71-003896 Robertson, J. D. OSMOTIC CONSTITUENTS OF THE BLOOD PLASMA AND PARIETAL MUSCLE OF /SQUALUS ACANTHIAS/ L. *Biol. Bull.* 148(2):303-319. Apr. 1975. SFA 21(4).

71-003897 Robertson, J. D. CHEMICAL COMPOSITION OF THE BODY FLUIDS AND MUSCLE OF THE HAGFISH /MYXINE GLUTINOSA/ AND THE RABBIT-FISH /CHIMAERA MONSTROSA/. *J. Zool. (Lond.)* 178 (2): 261-277. Feb. 1976. SFA 22(3)

71-003898 Rogers, B. A. TEMPERATURE AND THE RATE OF EARLY DEVELOPMENT OF STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM). *Ph.D. dissertation, Univ. R.I.* 218p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):536. Aug. 1978. SFA 24(3)

71-003899 Rogers, P. A.; A. R. Glenn and I. C. Potter. THE BACTERIAL FLORA OF THE GUT CONTENTS AND ENVIRONMENT OF LARVAL LAMPREYS. *Acta Zool. (Stockh.)* 61(1):23-27. 1980. SFA 25(2)

71-003900 Rombout, J. H. W. M.; Rademakers, L. H. P. M. and van Hees, J. P. THE PANCREATIC ENDOCRINE CELLS OF /BARBUS CONCHONIUS/ (TELEOSTEI, CYPRINIDAE), AND THEIR RELATION TO ENTEROENDOCRINE CELLS. *Cell Tissue Res.* 203(1):9-23. Nov. 1979. SFA 25(1)

71-003901 Rombout, J. H. W. M. ENTEROENDOCRINE CELLS IN THE DIGESTIVE TRACT OF /BARBUS CONCHONIUS/ (TELEOSTEI, CYPRINIDAE). *Cell Tissue Res.* 185 (4): 435-450. 28 Dec. 1977. SFA 23(2)

71-003902 Rombout, J. H. W. M.; Lamers, C. H. J. and Hanstede, J. G. ENTEROENDOCRINE APUD CELLS IN THE DIGESTIVE TRACT OF LARVAL /BARBUS CONCHONIUS/ (TELEOSTEI, CYPRINIDAE). *J. Embryol. Exp. Morphol.* 47: 121-135. Oct. 1978. SFA 24(1)

71-003903 Ronnau, K.-C. MYOGENESIS AND CONTRACTION IN THE EARLY EMBRYONIC HEART OF THE RAINBOW TROUT. AN ELECTRON MICROSCOPIC STUDY. *Cell Tissue Res.* 180(1):123-132. 1977. SFA 22(4)

71-003904 Rosenmann, E.; Gonzalez, A. M.; Hein, S. and Marcus, F. CARP (/CYPRINUS CARPIO/) MUSCLE FRUCTOSE 1,6-BISPHOSPHATASE: PURIFICATION AND SOME PROPERTIES. *Comp. Biochem. Physiol. B Comp. Biochem.* 58 (3): 291-295. 1977. SFA 23(2)

71-003905 Rosner, H.; Breer, H.; Hilbig, R. and Rahmann, H. TEMPERATURE EFFECTS ON THE INCORPORATION OF SIALIC ACID INTO GANGLIOSIDES AND GLYCOPROTEINS OF FISH BRAIN. *J. Therm. Biol.* 4 (1): 69-73. Jan. 1979. SFA 24(3)

71-003906 Ross, L. G. THE PERMEABILITY TO OXYGEN AND THE GUANINE CONTENT OF THE SWIMBLADDER OF A PHYSOCLIST FISH, /POLLACHIUS VIRENS/. *J. Mar. Biol. Assoc. U.K.* 59 (2): 437-441. May 1979. SFA 24(4)

71-003907 Ross, L. G. THE INNERVATION OF THE RESORPTIVE STRUCTURES IN THE SWIMBLADDER OF A PHYSOCLIST FISH /POLLACHIUS VIRENS/ (L.). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (2): 385-388. 1978. SFA 24(1)

71-003908 Ross, L. G. THE HAEMODYNAMICS OF GAS RESORPTION FROM THE PHYSOCLIST SWIMBLADDER. II. THE DETERMINATION OF BLOOD FLOW RATE IN THE OVAL OF /POLLACHIUS VIRENS/ (L.) USING RADIOLABELLED MICROSPHERES. *J. Fish Biol.* 14 (4): 389-393. Apr. 1979. SFA 24(3)

71-003909 Ross, S. EFFECTS OF HYPERBARIC PRESSURE ON OXYGEN CONCENTRATION IN THE SWIM BLADDER OF /POECILIA LATIPINNA/. *J. Fish Biol.* 8 (1): 1-4. Jan. 1976. SFA 22(1)

71-003910 Roth, A. FURTHER INDICATIONS OF A CHEMICAL SYNAPSE IN THE ELECTRORECEPTORS OF THE CATFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 126 (2): 147-150. 1978. SFA 24(1)

71-003911 Rott, N. N. CELL CYCLE IN EARLY EMBRYOGENESIS OF WHITEFISH. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 10(3):187-195. Mar. 1980. SFA 25(2)

71-003912 Rott, N. N.; Bozhkova, V. P.; Kvavilashvili, I. Sh.; Khariton, V. Yu. and Sharova, L. V. DEVELOPMENT OF ISOLATED BLASTODERMS OF LOACH DURING CULTIVATION IN DIFFERENT SALINE MEDIA. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 9(5):394-404. July 1979. SFA 25(1)

71-003913 Rovainen, C. M. NEUROBIOLOGY OF LAMPREYS. *Physiol. Rev.* 59(4):1007-1077. Oct. 1979. SFA 25(1)

71-003914 Rowe, J. S. VISUAL NEURONS IN FISH OPTIC TECTUM: INTRACELLULAR RECORDING AND MORPHOLOGICAL IDENTIFICATION. *Ph.D. dissertation, Waterloo Univ. (Canada)* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):843. Sept. 1980. SFA 25(4)

71-003915 Rowell, D. M. SILVER-STAINING OF PRESUMPTIVE PROPRIOCEPTIVE NERVE ENDINGS IN THE GOLDFISH. *Am. Zool.* 18 (3): 587. 1978. Abstract only. SFA 24(2)

71-003916 Rubec, P. J. EFFECT OF PHEROMONES ON BEHAVIOR OF ICTALURID CATFISH. *Ph.D. dissertation, Tex. A&M Univ.* 178p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5575. June 1980. SFA 25(3)

71-003917 Rurak, D. W. and Perks, A. M. THE NEUROHYPOPHYSIAL PRINCIPLES OF THE WESTERN BROOK LAMPREY, /LAMPETRA RICHARDSONI/: STUDIES IN THE AMMOCOETE LARVA. *Gen. Comp. Endocrinol.* 31 (1): 91-100. Jan. 1977. SFA 22(3)

71-003918 Rusaouen, M. THE DOGFISH SHELL GLAND, A HISTOCHEMICAL STUDY. *J. Exp. Mar. Biol. Ecol.* 23 (3): 267-283. Sept. 1976. SFA 21(3).

71-003919 Rush, S. B. and Umminger, B. L. ELIMINATION OF STRESS-INDUCED CHANGES IN CARBOHYDRATE METABOLISM OF GOLDFISH (/CARASSIUS AURATUS/) BY TRAINING. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (1): 69-73. 1978. SFA 23(3)

71-003920 Ryerse, J. S. NA+-K+ ATPASE IN ELASMOBRANCH INTESTINAL BRUSH BORDERS. *Comp. Biochem. Physiol. A Comp. Physiol.* 60(3):285-288. 1978. SFA 23(4)

71-003921 Ryland, J. S. and Nicols, J. H. EFFECT OF TEMPERATURE ON THE EMBRYONIC DEVELOPMENT OF THE PLAICE, /PLEURONECTES PLATESSA/ L. (TELEOSTEI). *J. Exp. Mar. Biol. Ecol.* 18 (2): 121-137. June 1975. SFA 22(1)

71-003922 Ryzhova, L. N. and P. Ya. Tugarina. THE HEMATOLOGIC NORM OF THE KOSOGOL GRAYLING, *THYMALLUS ARCTICUS NIGRESCENS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):130-140. 1979. SFA 25(4)

71-003923 Sacquet, E.; Lesel, R.; Mejean, C.; Riottot, M. and Leprince, C. ABSENCE DE TRANSFORMATION BACTERIENNE DES ACIDES BILIAIRES CHEZ LA TRUITE ARC-EN-CIEL, /SALMO GAIRDNERI/, ELEVEE A 16°C. [ABSENCE OF BACTERIAL CONVERSION OF BILE ACIDS IN THE RAINBOW TROUT, /SALMO GAIRDNERI/, RAISED AT 16°C.] *Ann. Biol. Anim. Biochim. Biophys.* 19(2):385-391. 1979. In French with English summ. SFA 24(3)

71-003924 Saigal, B. N.; Ghosh, A. and Datta, A. K. OBSERVATIONS ON THE CARBOHYDRATE DIGESTING ENZYMES IN CARNIVOROUS CATFISH /HETEROPNEUSTES FOSSILIS/ (BLOCH). *J. Inland Fish. Soc. India* 6: 83-84. Dec. 1974. SFA 24(3)

71-003925 Sailendri, K. and Muthukkaruppan, Vr. THE IMMUNE RESPONSE OF THE TELEOST, /TILAPIA MOSSAMBICA/ TO SOLUBLE AND CELLULAR ANTIGENS. *J. Exp. Zool.* 191 (3): 371-382. Mar. 1975. SFA 22(2)

71-003926 Sakaguchi, H. and Hamaguchi, A. [PHYSIOLOGICAL STUDIES ON CULTURED RED SEA BREAM--I. SEASONAL VARIATION OF CHEMICAL CONSTITUENTS IN PLASMA, HEPATOPANCREAS AND OTHER VISCERA.] *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 443-448. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-003927 Sakai, T. and Kawazu, H. PLASMA BILIRUBIN LEVELS IN RAINBOW TROUT AND CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (1): 85. 1978. SFA 23(3)

71-003928 Sakamoto, M. and K. Arai. [A FUNDAMENTAL STUDY ON RELATIONSHIP BETWEEN ATPase ACTIVITY AND CONTRACTILE PROPERTY OF FISH MYOFIBRILS.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1575-1583. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-003929 Sakamoto, S. and Yone, Y. EFFECT OF STARVATION ON HEMATOLOGICAL CHARACTERISTICS, AND THE CONTENTS OF CHEMICAL COMPONENTS AND ACTIVITIES OF ENZYMES IN BLOOD SERUM OF RED SEA BREAM. *J. Fac. Agric. Kyushu Univ.* 23 (1/2): 63-69. Oct. 1978. SFA 24(2)

71-003930 Sakamoto, S.; Furuichi, M. and Yone, Y. EFFECT OF STARVATION ON ORGAN WEIGHT AND CHEMICAL COMPONENT OF RED SEA BREAM. *J. Fac. Agric. Kyushu Univ.* 23 (1/2): 71-77. Oct. 1978. SFA 24(2)

71-003931 Sakata, T.; H. Sugita; T. Mitsuoka; D. Kakimoto and H. Kadota. ISOLATION OF OBLIGATE ANAEROBES FROM THE INTESTINAL TRACTS OF FRESHWATER FISH. *Bull. Jpn. Soc. Sci. Fish.* 46(4):511. Apr. 1980. SFA 25(4)

71-003932 Sakata, T.; J. Okabayashi and D. Kakimoto. VARIATIONS IN THE INTESTINAL MICROFLORA OF *TILAPIA* REARED IN FRESH AND SEA WATER. *Bull. Jpn. Soc. Sci. Fish.* 46(3):313-317. Feb. 1980. SFA 25(3)

71-003933 Saksena, V. P. EFFECTS OF TEMPERATURE AND LIGHT ON AERIAL BREATHING OF THE LONGNOSE GAR, /LEPISOSTEUS OSSEUS/. *Ohio J. Sci.* 75 (1): 58-62. Jan. 1975. SFA 22(2)

71-003934 Saksena, V. P. EFFECTS OF TEMPERATURE AND LIGHT ON AERIAL BREATHING OF THE SHORTNOSE GAR, /LEPISOSTEUS PLATOSTOMUS/. *Ohio J. Sci.* 75 (4): 178-181. July 1975. SFA 22(2)

71-003935 Salamon, K. J. PHYSIOLOGICAL, ANATOMICAL, AND ECOLOGICAL ASPECTS OF OVERWINTERING IN LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ LACEPEDE. *Ph.D. dissertation, Fordham Univ.* 139p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(11):5260. May 1979. SFA 24(3)

71-003936 Salesse, R.; Garnier, J. and Breton, B. INTERACTION OF SALMON GONADOTROPIN SUBUNITS: SPECTROSCOPIC STUDIES. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 767-771. 1978. SFA 24(1)

71-003937 Sanches-Rodriguez, M.; Escaffre, A.-M.; Marlot, S. and Reinaud, P. THE SPERMIATION PERIOD IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). PLASMA GONADOTROPIN AND ANDROGEN LEVELS, SPERM PRODUCTION AND BIOCHEMICAL CHANGES IN THE SEMINAL FLUID. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 943-948. 1978. SFA 24(1)

71-003938 Sanchez, P. G. SURVIVAL POTENTIAL OF MOSQUITOFISH (*GAMBUSIA AFFINIS*) IN SALINE HABITATS. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:42-43. 30 Jan. 1980. Abstract only. SFA 25(3)

71-003939 Sand, O. and Michelsen, A. VIBRATION MEASUREMENTS OF THE PERCH SACCULAR OTOLITH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 123 (1): 85-89. 1978. SFA 23(3)

71-003940 Sand, O.; I. M. Petersen and B. Korsgaard-Emmersen. CHANGES IN SOME CARBOHYDRATE METABOLIZING ENZYMES AND GLYCOGEN IN LIVER, GLUCOSE AND LIPID IN SERUM DURING VITELLOGENESIS AND AFTER INDUCTION BY ESTRADIOL-17-β IN THE FLOUNDER (*PLATICHTYS FLESUS* L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2)327-332. 1980. SFA 25(2)

71-003941 Sanders, M. J. ^{86}RUBIDIUM AS A POTASSIUM TRACER IN STUDIES ON POTASSIUM REGULATION IN SEA WATER ADAPTED RAINBOW TROUT (/SALMO GAIRDNERI/) AND THE SCULPIN (/LEPTOCOTTUS ARMATUS/). *Ph.D. dissertation, Wash. State Univ.* 91p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(1):106. July 1979. SFA 24(4)

71-003942 Sangalang, G. B.; Freeman, H. C. and Flemming, R. B. A SIMPLE TECHNIQUE FOR DETERMINING THE SEX OF FISH BY RADIOIMMUNOASSAY USING 11-KETOTESTOSTERONE ANTISERUM. *Gen. Comp. Endocrinol.* 36 (2): 187-193. Oct. 1978. SFA 24(2)

71-003943 Sangalang, G. B. and Freeman, H. C. A NEW SENSITIVE AND PRECISE METHOD FOR DETERMINING TESTOSTERONE AND 11-KETOTESTOSTERONE IN FISH PLASMA BY RADIOIMMUNOASSAY. *Gen. Comp. Endocrinol.* 32(4):432-439. Aug. 1977. SFA 23(1)

71-003944 Santerre, M. T. EFFECTS OF TEMPERATURE AND SALINITY ON THE EGGS AND EARLY LARVAE OF /CARANX MATE/ (CUV. & VALENC.) (PISCES: CARANGIDAE) IN HAWAII. *J. Exp. Mar. Biol. Ecol.* 21 (1): 51-68. Jan. 1976. SFA 21(3).

71-003945 Santerre, M. T. and May, R. C. SOME EFFECTS OF TEMPERATURE AND SALINITY ON LABORATORY-REARED EGGS AND LARVAE OF /POLYDACTYLUS SEXFILIS/ (PISCES: POLYNEMIDAE). *Aquaculture* 10 (4): 341-351. Apr. 1977. SFA 22(4)

71-003946 Saraswat, R. C. SOME ORGANIC CONSTITUENTS OF SCALES OF THE FISH *CHANNA PUNCTATUS* AT DIFFERENT STAGES OF GROWTH. *Indian J. Fish.* 23(1/2):265-268. 1976. SFA 25(2)

71-003947 Satake, N. EFFECT OF MELATONIN AND METHIONINE-ENKEPHALIN ON SURFACING RESPONSES IN GOLDFISH. *Physiol. Behav.* 23(6):995-999. Dec. 1979. SFA 25(2)

71-003948 Satou, M. and Ueda, K. SPECTRAL ANALYSIS OF OLFACTORY RESPONSES TO AMINO ACIDS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (2): 359-365. Oct. 1975. SFA 22(1)

71-003949 Sauer, D. M. and Haider, G. ENZYME ACTIVITIES IN THE SERUM OF RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON; THE EFFECTS OF WATER TEMPERATURE. *J. Fish Biol.* 11 (6): 605-612. Dec. 1977. SFA 23(2)

71-003950 Sauer, D. M. and Haider, G. ENZYME ACTIVITIES IN THE PLASMA OF RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON; THE EFFECTS OF NUTRITIONAL STATUS AND SALINITY. *J. Fish Biol.* 14 (4): 407-412. Apr. 1979. SFA 24(3)

71-003951 Sauerbier, I. and Meyer, W. CIRCADIAN RHYTHMS IN CATECHOLAMINE CONCENTRATIONS IN ORGANS OF THE COMMON GOLDFISH (/CARASSIUS AURATUS/ L.). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57 (2): 117-120. 1977. SFA 23(1)

71-003952 Saunders, R. L. PHYSIOLOGICAL AND BEHAVIORAL PARAMETERS INVOLVED IN SALMONID SMOLTING WITH PARTICULAR REFERENCE TO ATLANTIC SALMON. *N. Am. Salmon Res. Cent. Rep.* No. 6. 16p. 1979. SFA 25(2)

71-003953 Saunders, R. L. and Henderson, E. B. CHANGES IN GILL ATPASE ACTIVITY AND SMOLT STATUS OF ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 35(12):1542-1546. Dec. 1978. In English with French summ. SFA 24(2)

71-003954 Saunders, R. L. and Sreedharan, A. THE INCIDENCE AND GENETIC IMPLICATIONS OF SEXUAL MATURITY IN MALE ATLANTIC SALMON PARR. *N. Am. Salmon Res. Cent. Rep.* No. 2-1978. 8p. 1978. SFA 24(1)

71-003955 Savina, M. V. and Wojtczak, A. B. ENZYMES OF GLUCONEOGENESIS AND THE SYNTHESIS OF GLYCOGEN FROM GLYCEROL IN VARIOUS ORGANS OF THE LAMPREY (/LAMPETRA FLUVIATILIS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 57 (3): 185-190. 1977. SFA 22(4)

71-003956 Sawara, Y. and Egami, N. NOTE ON THE DIFFERENCES IN THE RESPONSE OF THE GONAD TO THE PHOTOPERIOD AMONG POPULATION OF /ORYZIAS LATIPES/ COLLECTED IN DIFFERENT LOCALITIES. *Annot. Zool. Jpn.* 50 (3): 147-150. Sept. 1977. SFA 23(2)

71-003957 Saxena, P. K. and Anand, K. A COMPARISON OF OVARIAN RECRUDESCENCE IN THE CATFISH, /MYSTUS TENGARA/ (HAM.), EXPOSED TO SHORT PHOTOPERIODS, TO LONG PHOTOPERIODS, AND TO MELATONIN. *Gen. Comp. Endocrinol.* 33 (4): 506-511. 1977. SFA 23(2)

71-003958 Sbikin, Yu. N. CHARACTERISTICS OF THE VISION OF TEN SPECIES OF FISH FROM THE CUBAN SHELF. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 142-146. 1975. SFA 21(2).

71-003959 Sbikin, Yu. N. AGE-RELATED CHANGES IN THE FUNCTIONAL CHARACTERISTICS OF VISION IN THE "VERKHOVKA", /LEUCASPIUS DELINEATUS/, AND THE ROACH, /RUTILUS RUTILUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 309-316. 1976. SFA 22(3)

71-003960 Schade, R. and Kausch, H. UNTERSUCHUNGEN ZUR EXZESSFUETTERUNG VON JUNGEN KARPFEN (/CYPRINUS CARPIO/ L.) UNTER INTENSIVHALTUNGSBEDINGUNGEN. [INVESTIGATIONS ON EXCESS-FEEDING OF YOUNG CARP (/CYPRINUS CARPIO/ L.) KEPT UNDER INTENSIVE CULTURE CONDITIONS.] *Arch. Hydrobiol.* 82(1/4):522-550. 1978. In German with English summ. SFA 23(3)

71-003961 Schairer, J. O. ADAPTIVE GAIN CONTROL OF THE VESTIBULO-OCULAR REFLEX IN GOLDFISH. *Ph.D. dissertation, Yeshiva Univ.* 179p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):791. Sept. 1980. SFA 25(4)

71-003962 Scheich, H. NEURAL BASIS OF COMMUNICATION IN THE HIGH FREQUENCY ELECTRIC FISH, /EIGENMANNIA VERESCENS/ (JAMMING AVOIDANCE RESPONSE). III. CENTRAL INTEGRATION IN THE SENSORY PATHWAY AND CONTROL OF THE PACEMAKER. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 113 (2): 229-255. 1977. SFA 22(3)

71-003963 Scheich, H. NEURAL BASIS OF COMMUNICATION IN THE HIGH FREQUENCY ELECTRIC FISH, /EIGENMANNIA VIRESCENS/ (JAMMING AVIODANCE RESPONSE). II. JAMMED ELECTRORECEPTOR NEURONS IN THE LATERAL LINE NERVE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 113 (2): 207-227. 1977. SFA 22(3)

71-003964 Scheich, H. NEURAL BASIS OF COMMUNICATION IN THE HIGH FREQUENCY ELECTRIC FISH, /EIGENMANNIA VIRESCENS/ (JAMMING AVOIDANCE RESPONSE). I. OPEN LOOP EXPERIMENTS AND THE TIME DOMAIN CONCEPT OF SIGNAL ANALYSIS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 113 (2): 181-206. 1977. SFA 22(3)

71-003965 Schimmel, S. C. NOTES ON THE EMBRYONIC PERIOD OF THE PINFISH /LAGODON RHOMBOIDES/ (LINNAEUS). *Fla. Sci.* 40 (1): 3-6. 1977. SFA 22(3)

71-003966 Schlegel, P. SINGLE UNIT ACTIVITY IN THE MESENCEPHALON OF /STERNARCHUS/. *J. Physiol. (Paris)* 75:421-428. 1979. SFA 25(1)

71-003967 Schlisio, W. and Nicolai, B. KINETIC INVESTIGATIONS ON THE BEHAVIOUR OF FREE AMINO ACIDS IN THE PLASMA AND OF TWO AMINOTRANSFERASES IN THE LIVER OF RAINBOW TROUT (/SALMO GAIRDNERII/ RICHARDSON) AFTER FEEDING ON A SYNTHETIC COMPOSITION CONTAINING PURE AMINO ACIDS. *Comp. Biochem. Physiol. B Comp. Biochem.* 59 (4): 373-379. 1978. SFA 23(3)

71-003968 Schmidt-Nielsen, B. VOLUME REGULATION OF MUSCLE FIBRES IN THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *J. Exp. Zool.* 199 (3): 411-418. Mar. 1977. SFA 22(3)

71-003969 Schmidt, J. T. EXPANSION OF THE HALF RETINAL PROJECTION TO THE TECTUM OF GOLDFISH. *Ph.D. dissertation, Univ. Mich.* 270 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-003970 Schmidt, S. P. and House, E. W. PRECOCIOUS SEXUAL DEVELOPMENT IN HATCHERY-REARED AND LABORATORY-MAINTAINED MALE STEELHEAD TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (1): 90-93. Jan. 1979. In English with French summ. SFA 24(2)

71-003971 Schmidt, S. P. THE RELATIONSHIP BETWEEN PLASMA CORTISOL LEVELS AND CORONARY ARTERY DEGENERATION IN PRECOCIAL MALE AND NONPRECOCIAL MALE JUVENILE STEELHEAD TROUT, /SALMO GAIRDNERI/. *Ph.D. dissertation, Idaho State Univ.* 155p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2698. Dec. 1978. SFA 24(2)

71-003972 Schonborner, A. A.; Boivin, G. and Baud, C. A. THE MINERALIZATION PROCESSES IN TELEOST FISH SCALES. *Cell Tissue Res.* 202(2):203-212. Nov. 1979. SFA 25(1)

71-003973 Schott, J. W. A HERMAPHRODITIC CALIFORNIA HALIBUT, /PARALICHTHYS CALIFORNICUS/. *Calif. Fish Game* 64 (3): 221-222. July 1978. SFA 24(1)

71-003974 Schreck, C. B. THE STRESS CONCEPT IN FISHERIES: IMPLICATIONS IN ENVIRONMENTAL MONITORING. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 186-188. 1976. SFA 23(2)

71-003975 Schreck, C. B. and Scanlon, P. F. ENDOCRINOLOGY IN FISHERIES AND WILDLIFE: BIOLOGY AND MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 2 (3): 20-27,30. May-June 1977. SFA 22(4)

71-003976 Schreibman, M. P. and H. Margolis-Kazan. THE IMMUNOCYTOCHEMICAL LOCALIZATION OF GONADOTROPIN, ITS SUBUNITS, AND THYROTROPIN IN THE TELEOST, *XIPHOPHORUS MACULATUS*. *Gen. Comp. Endocrinol.* 39(4):467-474. Dec. 1979. SFA 25(2)

71-003977 Schreibman, M. P. and L. R. Halpern. THE DEMONSTRATION OF NEUROPHYSIN AND ARGININE VASOTOCIN BY IMMUNOCYTOCHEMICAL METHODS IN THE BRAIN AND PITUITARY GLAND OF THE PLATYFISH, *XIPHOPHORUS MACULATUS*. *Gen. Comp. Endocrinol.* 40(1):1-7. Jan. 1980. SFA 25(2)

71-003978 Schreibman, M. P. and Klaus, D. FUNCTIONAL BRAIN TRANSPLANTS AND THEIR EFFECT ON SEXUAL MATURATION IN A TELEOST. *Am. Zool.* 18 (3): 669. 1978. Abstract only. SFA 24(2)

71-003979 Schubel, J. R.; Smith, C. F. and Koo, T. S. Y. THERMAL EFFECTS OF POWER PLANT ENTRAINMENT ON SURVIVAL OF LARVAL FISHES: A LABORATORY ASSESSMENT. *Chesapeake Sci.* 18 (3): 290-298. Sept. 1977. SFA 22(4)

71-003980 Schulze-Wiehenbrauck, H. SOME OBSERVATIONS ON A HEART RATE TEST WITH TILAPIA AND CARP FRY, USING SOLUTES FROM DENSELY STOCKED WATER. *Arch. Fischereiwiss.* 29 (3): 119-127. Mar. 1979. In English with German summ. SFA 24(3)

71-003981 Schwagmeyer, P.; Davis, R. E. and Kassel, J. TELENCEPHALIC LESIONS AND BEHAVIOR IN THE TELEOST /MACROPODUS OPERCULARIS/ (L.): EFFECTS OF TELENCEPHALON AND OLFACTORY BULB ABLATION ON SPAWNING AND FOAMNEST BUILDING. *Behav. Biol.* 20 (4): 463-470. Aug. 1977. SFA 24(2)

71-003982 Schwerdtfeger, W. K. and Bereiter-Hahn, J. HITOLOGISCHE UNTERSUCHUNGEN DER KERATINISIERUNG IM LAICHAUSSCHLAG VON CYPRINIDEN (TELEOSTEI, PISCES). [HISTOLOGICAL STUDIES ON THE KERATINIZATION OF CYPRINIDES (TELEOSTEI, PISCES).] *Zool. Anz.* 200 (1/2): 95-113. 1978. In German with English summ. SFA 23(4)

71-003983 Schwerdtfeger, W. K. and Bereiter-Hahn, J. TRANSIENT OCCURRENCE OF CHLORIDE CELLS IN THE ABDOMINAL EPIDERMIS OF THE GUPPY, /POECILIA RETICULATA/ PETERS, ADAPTED TO SEA WATER. *Cell Tissue Res.* 191 (3): 463-471. 16 Aug. 1978. SFA 24(1)

71-003984 Scott, A. L. and W. A. Rogers. HISTOLOGICAL EFFECTS OF PROLONGED SUBLETHAL HYPOXIA ON CHANNEL CATFISH *ICTALURUS PUNCTATUS* (RAFINESQUE). *J. Fish Dis.* 3(4):305-316. July 1980. SFA 25(4)

71-003985 Scott, D. B. C. A HERMAPHRODITE SPECIMEN OF /COREGONUS LAVARETUS/ (L.) (SALMONIFORMES, SALMONIDAE) FROM LOCH LOMOND, SCOTLAND. *J. Fish Biol.* 7 (5): 709. Sept. 1975. SFA 22(2)

71-003986 Scott, S. A. MAINTAINED FUNCTION OF FOREIGN AND APPROPRIATE JUNCTIONS ON REINNERVATED GOLDFISH EXTRAOCULAR MUSCLES. *J. Physiol.* 268 (1): 87-109. June 1977. SFA 22(3)

71-003987 Seibert, H. THERMAL ADAPTATION OF HEART RATE AND ITS PARASYMPATHETIC CONTROL IN THE EUROPEAN EEL *ANGUILLA ANGUILLA* (L.). *Comp. Biochem. Physiol. C Comp. Pharmocol.* 64(2):275-278. 1979. SFA 25(2)

71-003988 Seki, N. and Hasegawa, E. [COMPARATIVE STUDIES ON FISH TROPONINS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (1): 71-75. Jan. 1978. SFA 23(3)

71-003989 Selivonchick, D. P. and Roots, B. I. VARIATION IN MYELIN LIPID COMPOSITION INDUCED BY CHANGE IN ENVIRONMENTAL TEMPERATURE OF GOLDFISH (/CARASSIUS AURATUS/ L.). *J. Therm. Biol.* 1 (3): 131-135. Apr. 1976. SFA 23(4)

71-003990 Servizi, J. A. and Jensen, J. O. T. RESISTANCE OF ADULT SOCKEYE SALMON TO ACUTE THERMAL SHOCK. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 34. 11p. 1977. SFA 22(3)

71-003991 Shackley, S. E. and King, P. E. AMINO ACID INCORPORATION BY ISOLATED OOCYTES OF THE MARINE TELEOST /BLENNIUS PHOLUS/ L. *J. Fish Biol.* 14 (5): 475-480. May 1979. SFA 24(4)

71-003992 Shackley, S. E. and P. E. King. LIPID YOLK SYNTHESIS IN A MARINE TELEOST, *BLENNIUS PHOLIS* L. *Cell Tissue Res.* 204(3):507-512. Dec. 1979. SFA 25(2)

71-003993 Shackley, S. E. and King, P. E. PROTEIN YOLK SYNTHESIS IN /BLENNIUS PHOLIS/ L. *J. Fish Biol.* 13 (2): 179-193. Aug. 1978. SFA 24(1)

71-003994 Shackley, S. E. and King, P. E. OOEGENESIS IN A MARINE TELEOST, /BLENNIUS PHOLIS/ L. *Cell Tiss. Res.* 181 (1): 105-128. 1977. SFA 22(4)

71-003995 Shaffi, S. A. BIOCHEMICAL COMPARTMENTATION OF FISH TISSUES. II. NONSPECIFIC PHOSPHOMONOESTERASES IN BRAIN. *Experientia (Basel)* 35(10):1280-1282. 15 Oct. 1979. SFA 25(1)

71-003996 Shaffi, S. A. and Jafri, A. K. THE ACTIVITY OF ACID AND ALKALINE PHOSPHATASES IN THE EGGS OF SOME FRESHWATER TELEOSTS. *Indian J. Fish.* 21 (1): 296-298. 1974. SFA 23(2)

71-003997 Shaner, J. and C. E. Keys. OOGENESIS IN THE BANDED SCULPIN, *COTTUS CAROLINAE*. *J. Ala. Acad. Sci.* 51(3):175. July 1980. Abstract only. SFA 25(4)

71-003998 Shapiro, S. A. and Hoffman, D. L. EFFECTS OF PHOTOPERIODICITY ON SERUM GLUCOSE LEVELS IN GOLDFISH (/CARASSIUS AURATUS/). *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (1): 253-254. Sept. 1975. SFA 22(1)

71-003999 Sharipov, K. O. IMMUNE SEROLOGICAL FEATURES OF THE BLACK SEA SALMON, /SALMO TRUTTA LABRAX/, AND THE BROOK TROUT, /S. TRUTTA LABRAX/ MORPHA /FARIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 328-330. 1975. SFA 21(3).

71-004000 Sharp, G. D. A COMPARISON OF THE O(2) DISSOCIATION PROPERTIES OF SOME SCOMBRID HEMOGLOBINS. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (3): 683-691. July 1975. SFA 22(1)

71-004001 Sharp, G. D. and Dotson, R. C. ENERGY FOR MIGRATION IN ALBACORE, /THUNNUS ALALUNGA/. *NOAA Fish. Bull.* 75 (2): 447-450. Apr. 1977. SFA 22(3)

71-004002 Shchekaturina, T. L. and O. G. Mironov. HYDROCARBON CHARACTERISTICS OF THE ORGANS AND TISSUES OF SOME MARINE FISHES FROM THE MEDITERRANEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1026-1029. 1978. SFA 25(2)

71-004003 Shcherbina, M. A.; Shcherbina, T. V. and Kazlauskene, O. P. AMYLASE ACTIVITY AND RATE OF CARBOHYDRATE RESORPTION WITH THE INTRODUCTION OF VARIOUS AMOUNTS OF FAT INTO THE DIET OF THE CARP, /CYPRINUS CARPIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 327-331. 1977. SFA 23(3)

71-004004 Shears, M. A. and Fletcher, G. L. THE BINDING OF ZINC TO THE SOLUBLE PROTEINS OF INTESTINAL MUCOSA IN WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 64(3):297-299. 1979. SFA 25(1)

71-004005 Shecherbina, M. A. and Mukoseyeva, Z. A. GLYCONEOGENEIS AS A SOURCE OF ENERGY SUPPLY IN THE CARP, /CYRPINUS CARPIO/, DURING THE PERIOD OF WINTER STARVATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):509-513. 1978. SFA 25(1)

71-004006 Shefner, J. M. and Levine, M. W. INTERACTIONS BETWEEN ROD AND CONE SYSTEMS IN THE GOLDFISH RETINA. *Science* 198 (4318): 750-753. 18 Nov. 1977. SFA 23(1)

71-004007 Sheldon, J. A. THE EFFECTS OF CROWDING ON SERUM CORTICOSTEROIDS IN THE BLUE GOURAMI, /TRICHOGASTER TRICHOPTERUS/ (PALLAS). *Ph.D. dissertation, N.Y. Univ.* 81p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5796. June 1979. SFA 24(4)

71-004008 Shelton, W. L. FATE OF THE FOLLICULAR EPITHELIUM IN /DOROSOMA PETENENSE/ (PISCES: CLUPEIDAE). *Copeia* 1978 (2): 237-244. 5 May 1978. SFA 23(3)

71-004009 Shen, A. C. Y. and Leatherland, J. F. HISTOGENESIS OF THE PITUITARY IN RAINBOW TROUT (/SALMO GAIRDNERI/) IN DIFFERENT AMBIENT SALINITIES WITH PARTICULAR REFERENCE TO THE ROSTRAL PARS DISTALIS. *Cell Tissue Res.* 189(2):355-363. 1978. SFA 23(4)

71-004010 Shen, A. C. Y. and Leatherland, J. F. EFFECT OF AMBIENT SALINITY ON IONIC AND OSMOTIC REGULATION OF EGGS, LARVAE, AND ALEVINS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Can. J. Zool.* 56 (4): 571-577. Apr. 1978. In English with French summ. SFA 23(3)

71-004011 Sherberger, F. F.; Benfield, E. F.; Dickson, K. L. and Cairns, J., Jr. EFFECTS OF THERMAL SHOCKS ON DRIFTING AQUATIC INSECTS: A LABORATORY SIMULATION. *J. Fish. Res. Board Can.* 34 (4): 529-536. Apr. 1977. In English with French summ. SFA 22(3)

71-004012 Sherman, W. R.; Simpson, P. C. and Goodwin, S. L. /SCYLLO/-INOSITOL AND /MYO/-INOSITOL LEVELS IN TISSUES OF THE SKATE /RAJA ERINACEA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 59 (3): 201-202. 1978. SFA 23(3)

71-004013 Sherstnyeva, T. A. THE DYNAMICS OF THE INDICATORS OF CARBOHYDRATE EXCHANGE IN THE CARP /CYPRINUS CARPIO/ DURING OVER-WINTERING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 290-298. 1975. SFA 21(3).

71-004014 Shidoji, Y. and Muto, Y. COMPARATIVE STUDIES ON BINDING PROTEINS SPECIFIC FOR RETINOL SERUM AND CYTOSOL OF YOUNG YELLOWTAIL /SERIOLA QUINQUERADIATA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (2): 315-319. 1978. SFA 24(1)

71-004015 Shiganova, T. A. POSTEMBRYONIC DEVELOPMENT OF /HYGOPHUM MACROCHIR/ (MYCTOPHIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 429-437. 1975. SFA 21(4)

71-004016 Shimeno, S.; Hosokawa, H.; Hirata, H. and Takeda, M. [COMPARATIVE STUDIES ON CARBOHYDRATE METABOLISM OF YELLOWTAIL AND CARP.] *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 213-217. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-004017 Shimomura, M. and Seki, N. [SEPARATION AND PROPERTIES OF THE TROPONIN COMPONENTS FROM CARP MUSCLE.] *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 231-238. Mar. 1978. In Japanese with English summ. SFA 23(3)

71-004018 Shirokova, M. Ya. PECULIARITIES OF THE SEXUAL MATURATION OF FEMALES OF THE BALTIC COD, /GADUS MORHUA CALLARIAS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 574-581. 1977. SFA 23(4)

71-004019 Short, S.; Taylor, E. W. and Butler, P. J. THE EFFECTIVENESS OF OXYGEN TRANSFER DURING NORMOXIA AND HYPOXIA IN THE DOGFISH (/SCYLIORHINUS CANICULA/ L.) BEFORE AND AFTER CARDIAC VAGOTOMY. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 132(4):289-295. 1979. SFA 25(1)

71-004020 Shrode, J. B. and Gerking, S. D. EFFECTS OF CONSTANT AND FLUCTUATING TEMPERATURES ON REPRODUCTIVE PERFORMANCE OF A DESERT PUPFISH, /CYPRINODON N. NEVADENSIS/. *Physiol. Zool.* 50 (1): 1-10. Jan. 1977. SFA 22(3)

71-004021 Shrode, J. B. GENETIC AND TEMPERATURE EFFECTS ON DEVELOPMENT OF THE AMARGOSA PUPFISH. *Ph.D. dissertation, Ariz. State Univ.* 70p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-004022 Shubin, P. N. and Kachmarchik, E. V. ELECTROPHORETIC STUDIES OF HEMOGLOBIN IN TWO AGE FORMS OF THE PECHORA SALMON (/SALMO SALAR/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 995-998. 1974. SFA 21(2).

71-004023 Shuttleworth, T. J. and J. L. Thompson. OXYGEN CONSUMPTION IN THE RECTAL GLAND OF THE DOGFISH *SCYLIORHINUS CANICULA* AND THE EFFECTS OF CYCLIC AMP. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 136(1):39-43. Mar. 1980. SFA 25(3)

71-004024 Shuttleworth, T. J. THE EFFECT OF ADRENALINE ON POTENTIALS IN THE ISOLATED GILLS OF THE FLOUNDER (/PLATICHTHYS FLESUS/ L.). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 124 (2): 129-136. 1978. SFA 23(3)

71-004025 Siddiqui, A. Q. THE HAEMATOLOGY OF ROHU, /LABEO ROHITA/. *J. Fish Biol.* 14 (1): 67-72. Jan. 1979. SFA 24(2)

71-004026 Siddiqui, A. Q. and Siddiqui, A. H. VARIATION IN THE FREE AMINO ACID CONTENT OF SKELETAL MUSCLE OF /OPHICEPHALUS PUNCTATUS/ (BLOCH). *J. Fish Biol.* 10 (2): 185-189. Feb. 1977. SFA 22(3)

71-004027 Sidell, B. D. RESPONSES OF GOLDFISH (*CARASSIUS AURATUS*, L.) MUSCLE TO ACCLIMATION TEMPERATURE: ALTERATIONS IN BIOCHEMISTRY AND PROPORTIONS OF DIFFERENT FIBER TYPES. *Physiol. Zool.* 53(1):98-107. Jan. 1980. SFA 25(2)

71-004028 Sidell, B. D. TURNOVER OF CYTOCHROME C IN SKELETAL MUSCLE OF GREEN SUNFISH (/LEPOMIS CYANELLUS/, R.) DURING THERMAL ACCLIMATION. *J. Exp. Zool.* 199 (2): 233-250. Feb. 1977. SFA 22(3)

71-004029 Siebenaller, J. and Somero, G. N. PRESSURE-ADAPTIVE DIFFERENCES IN LACTATE DEHYDROGENASES OF CONGENERIC FISHES LIVING AT DIFFERENT DEPTHS. *Science* 201 (4352): 255-257. 21 July 1978. SFA 23(4)

71-004030 Silva, P.; Solomon, R.; Spokes, K. and Epstein, F. H. OUABAIN INHIBITION OF GILL NA-K-ATPASE: RELATIONSHIP TO ACTIVE CHLORIDE TRANSPORT. *J. Exp. Zool.* 199 (3): 419-426. Mar. 1977. SFA 22(3)

71-004031 Singh, A. K. EFFECT OF THYROXINE AND THIOUREA ON LIVER AND MUSCLE ENERGY STORES IN THE FRESHWATER CATFISH, *HETEROPNEUSTES FOSSILLIS*. *Ann. Biol. Anim. Biochim. Biophys.* 19(6):1669-1676. 1979. In English with French summ. SFA 25(2)

71-004032 Singh, R.; Raizada, R. B. and Singh, T. P. EFFECTS OF SOME ANTITHYROID DRUGS ON THE PITUITARY-THYROID-GONAD AXIS IN A FRESHWATER CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Gen. Comp. Endocrinol.* 31 (4): 451-456. Apr. 1977. SFA 22(4)

71-004033 Singh, S. B.; Chanchal, A. K. and Pandey, B. N. STUDIES ON BLOOD DURING DIFFERENT RESPIRATORY CONDITIONS IN /ANABAS TESTUDINEUS/ (BLOCH). *Zool. Anz.* 202 (5/6): 444-448. 1979. SFA 24(4)

71-004034 Singh, T. P. and Raizada, R. B. THYROID ACTIVITY IN RESPONSE TO SOME GONADAL STEROIDS IN METHALLIBURE-TREATED /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Experientia (Basel)* 35 (2): 274-275. 15 Feb. 1979. SFA 24(2)

71-004035 Singley, J. A. HYPOPHYSEAL-ADRENOCORTICAL RESPONSE TO STRESS IN THE GOLDFISH, /CARASSIUS AURATUS/ L. *Ph.D. dissertation, Wayne State Univ.* 148p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1094. Sept. 1978. SFA 24(1)

71-004036 Singley, J. A. and Chavin, W. THE ADRENOCORTICAL-HYPOPHYSEAL RESPONSE TO SALINE STRESS IN THE GOLDFISH, /CARASSIUS AURATUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (4): 749-756. Aug. 1975. SFA 22(1)

71-004037 Singley, J. A. and Chavin, W. THE DIEL RHYTHM OF CIRCULATING ACTH TITER IN THE GOLDFISH (/CARASSIUS AURATUS/ L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 291-293. 1976. SFA 22(1)

71-004038 Siret, J. R.; Carmena, A. O. and Callejas, J. ERYTHROKINETIC STUDY IN THE FISH MANJUARI (ATRACTOSTEUS TRISTOECHUS/). *Comp. Biochem. Physiol A Comp. Physiol.* 55 (2): 127-128. 1976. SFA 22(2)

71-004039 Sivak, J. G. and Woo, G. C. S. ACCOMMODATIVE LENS MOVEMENT IN HOLOSTEANS (/AMIA CALVA/ AND /LEPISOSTEUS OSSEUS OXYURUS/) AND IN THE SEA LAMPREY (/PETROMYZON MARINUS/). *Can. J. Zool.* 53 (5): 516-520. May 1975. In English with French summ. SFA 22(1)

71-004040 Skazkina, I. P. and Bondarenko, M. B. ACTIVE METABOLISM AND OXYGEN DEBT OF GRASS CARP AND RIVER PERCH AT VARIOUS SWIMMING SPEEDS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8 (2): 181-183. Mar.-Apr. 1977. SFA 23(2)

71-004041 Skow, L. C. BLOOD PROTEIN VARIATION IN EIGHT STOCKS OF CHANNEL CATFISH. *Ph.D. dissertation, Texas A&M Univ.* 74 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-004042 Slijkhuis, H. ULTRASTRUCTURAL EVIDENCE FOR TWO TYPES OF GONADOTROPIC CELLS IN THE PITUITARY GLAND OF THE MALE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/. *Gen. Comp. Endocrinol.* 36 (4): 639-641. Dec. 1978. SFA 24(3)

71-004043 Slota, E. and Markiewicz, F. BADANIA NAD ANTYGENAMI BIALEK SUROWICY KRWI U KARPIA--ANTYGEN PF-6. [STUDIES ON SERUM PROTEIN ANTIGENS IN CARP--THE PF-6 ANTIGEN.] *Rocz. Nauk. Zootech.* 2 (2): 145-150. 1975. In Polish with English and Russian summ. SFA 23(2)

71-004044 Slyn'ko, V. I. MULTIPLE MOLECULAR FORMS OF MALATE DEHYDROGENASE AND LACTATE DEHYDROGENASE IN RUSSIAN STURGEON (/ACIPENSER GULDENSTADTI/ BR.) AND GREAT STURGEON (/HUSO HUSO/ L.). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 228 (1-6): 201-204. Dec. 1976. SFA 22(3)

71-004045 Smart, G. R. INVESTIGATIONS OF THE TOXIC MECHANISMS OF AMMONIA TO FISH--GAS EXCHANGE IN RAINBOW TROUT (/SALMO GAIRDNERI/) EXPOSED TO ACUTELY LETHAL CONCENTRATIONS. *J. Fish Biol.* 12 (1): 93-104. Jan. 1978. SFA 23(2)

71-004046 Smatresk, N. J. and C. F. Herreid. GROUP METABOLISM IN SWORDTAILS, *XIPHOPHORUS HELLERI*, UNDER CONTROLLED OXYGEN CONDITONS. *Copeia* 1980(3):562-564. 6 Sept. 1980. SFA 25(4)

71-004047 Smeda, J. S. and Houston, A. H. CARBONIC ANHYDRASE (ACETAZOLAMIDE-SENSITIVE ESTERASE) ACTIVITY IN THE RED BLOOD CELLS OF THERMALLY-ACCLIMATED RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (3): 719-723. 1979. SFA 24(3)

71-004048 Smirnova, L. I. BILE COLOR INDEX AS AN INDICATOR OF THE PHYSIOLOGICAL CONDITION OF FISH. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7 (6): 562-564. Nov.-Dec. 1977. SFA 23(1)

71-004049 Smirnova, L. I. and Govorova, M. F. OSMOTIC AND CHEMICAL RESISTANCE OF FISH ERYTHROCYTES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol).* 14 (6): 959-965. 1974. SFA 21(2).

71-004050 Smit, G. L. and Hattingh, J. THE EFFECT OF RESPIRATORY STRESS ON CARP HAEMOGLOBIN. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (4): 369-374. 1978. SFA 23(3)

71-004051 Smit, G. L.; W. T. Barham and H. J. Schoonbee. DIFFERENCES IN TROUT ERYTHROCYTE FRAGILITIES PRODUCED BY POLYCARBONATE AND GLASS TEST TUBES. *Prog. Fish-Cult.* 42(2):91-92. Apr. 1980. SFA 25(3)

71-004052 Smit, H. SOME ASPECTS OF ENVIRONMENTAL (PHENOTYPIC) ADAPTATIONS IN FISHES. *Neth. J. Zool.* 30(2):179-207. June 1980. SFA 25(4)

71-004053 Smith, A. C. and Ramos, F. OCCULT HAEMOGLOBIN IN FISH SKIN MUCUS AS AN INDICATOR OF EARLY STRESS. *J. Fish Biol.* 9 (6): 537-541. Dec. 1976. SFA 22(2)

71-004054 Smith, A. C. REACTIONS OF FISH RED BLOOD CELLS WITH MUCUS AND SERA FROM OTHER FISH(ES). *Calif. Fish Game* 63 (1): 52-57. Jan. 1977. SFA 22(3)

71-004055 Smith, D. G. and Gannon, B. J. SELECTIVE CONTROL OF BRANCHIAL ARCH PERFUSION IN AN AIR-BREATHING AMAZONIAN FISH /HOPLERYTHRINUS UNITAENIATUS/. *Can. J. Zool.* 56 (4): 959-964. Apr. 1978. In English with French summ. SFA 23(3)

71-004056 Smith, D. G. NEURAL REGULATION OF BLOOD PRESSURE IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Can. J. Zool.* 56 (8): 1678-1683. Aug. 1978. In English with French summ. SFA 24(1)

71-004057 Smith, E. A. H.; Mayfield, C. I. and Wong, P. T. S. COLONIZATION AND DECOMPOSTION OF FISH BONE MATERIAL IN NATURAL AND SYNTHETIC AQUEOUS SOLUTIONS. *J. Fish. Res. Board Can.* 34 (11): 2176-2184. Nov. 1977. In English with French summ. SFA 23(1)

71-004058 Smith, F. M. and Jones, D. R. LOCALIZATION OF RECEPTORS CAUSING HYPOXIC BRADYCARDIA IN TROUT (/SALMO GAIRDNERI/). *Can. J. Zool.* 56 (6): 1260-1265. June 1978. In English with French summ. SFA 23(4)

71-004059 Smith, J. C. BODY WEIGHT AND THE ACTIVITIES OF PYRUVATE KINASE, GLUCOSE-6-PHOSPHATASE AND LACTATE DEHYDROGENASE IN THE LIVER OF THE AMERICAN PLAICE, /HIPPOGLOSSOIDES PLATESSOIDES/. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 277-282. 1976. SFA 22(1)

71-004060 Smith, J. C. BODY WEIGHT AND THE HAEMATOLOGY OF THE AMERICAN PLAICE /HIPPOGLOSSOIDES PLATESSOIDES/. *J. Exp. Biol.* 67 17-28. Apr. 1977. SFA 22(3)

71-004061 Smith, J. R. and Weber, L. J. THE REGULATION OF DAY-NIGHT CHANGES IN HYDROXYINDOLE-O-METHYLTRANSFERASE ACTIVITY IN THE PINEAL GLAND OF STEELHEAD TROUT (/SALMO GAIRDNERI/). *Can. J. Zool.* 54(9):1530-1534. Sept. 1976. In English with French summ. SFA 22(1)

71-004062 Smith, L. S. PHYSIOLOGICAL DISTURBANCES IN FISH USEFUL AS AN EARLY WARNING THAT ADVERSE ENVIRONMENTAL ALTERATIONS ARE OCCURRING. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 189. 1976. Abstract only. SFA 23(2)

71-004063 Smith, M. A. K.; R. W. Mathews; A. P. Hudson and A. E. V. Haschemeyer. PROTEIN METABOLISM OF TROPICAL REEF AND PELAGIC FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):415-418. 1980. SFA 25(2)

71-004064 Smith, M. A. K. and Thorpe, A. ENDOCRINE EFFECTS ON NITROGEN EXCRETION IN THE EURYHALINE TELEOST, /SALMO GAIRDNERII/. *Gen. Comp. Endocrinol.* 32 (4): 400-406. Aug. 1977. SFA 23(1)

71-004065 Smith, M. J. A COMPARATIVE STUDY OF ACCLIMATION TO ENVIRONMENTAL HYPOXIA BY TWO SPECIES OF FRESHWATER FISH: MIRROR CARP (/CYPRINUS CARPIO/) AND RAINBOW TROUT (/SALMO GAIRDNERI/). *Ph.D. dissertation, Va. Polytech. Inst. State Univ.* 88p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3671. Feb. 1979. SFA 24(3)

71-004066 Smith, M. J. and A. G. Heath. RESPONSES TO ACUTE ANOXIA AND PROLONGED HYPOXIA BY RAINBOW TROUT (*SALMO GAIRDNERI*) AND MIRROR CARP (*CYPRINUS CARPIO*) RED AND WHITE MUSCLE: USE OF CONVENTIONAL AND MODIFIED METABOLIC PATHWAYS. *Comp. Biochem. Physiol. B Comp. Biochem.* 66(2):267-272. 1980. SFA 25(3)

71-004067 Smith, M. J. and Heath, A. G. USE OF A MODIFIED ANAEROBIC PATHWAY BY MIRROR CARP AS AN ADAPTATION TO HYPOXIA. *Am. Zool.* 18 (3): 655. 1978. Abstract only. SFA 24(2)

71-004068 Smith, P. J. and Crossland, J. PRESERVATION OF TELEOST PROTEINS BY 2-PHENOXYETHANOL. *N.Z. Mar. Freshwater Res.* 12 (4): 341-342. Dec. 1978. SFA 24(4)

71-004069 Smith, P. J. GLUCOSEPHOSPHATE ISOMERASE AND PHOSPHOGLUCOMUTASE POLYMORPHISMS IN THE NEW ZEALAND LING /GENYPTERUS BLACODES/. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 573-577. 1979. SFA 24(3)

71-004070 Smith, R. J. F. SEASONAL LOSS OF ALARM SUBSTANCE CELLS IN NORTH AMERICAN CYPRINOID FISHES AND ITS RELATION TO ABRASIVE SPAWNING BEHAVIOUR. *Can. J. Zool.* 54 (7): 1172-1182. July 1976. In English with French summ. SFA 21(4)

71-004071 Smith, R. L. and Paulson, A. C. OSMOREGULATORY SEASONALITY AND FREEZING AVOIDANCE IN SOME FISHES FROM A SUBARCTIC EELGRASS COMMUNITY. *Copeia* 1977 (2): 362-369. 25 May 1977. SFA 22(3)

71-004072 Smith, R. R. STUDIES ON THE ENERGY METABOLISM OF CULTURED FISHES. *Ph. D. dissertation, Cornell Univ.* 64p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-004073 So, Y.-P. and Fenwick, J. C. RELATIONSHIP BETWEEN NET ^{45}CALCIUM INFLUX ACROSS A PERFUSED ISOLATED EEL GILL AND THE DEVELOPMENT OF POST-STANNIECTOMY HYPERCALCEMIA. *J. Exp. Zool.* 200(2):259-264. May 1977. SFA 22(3)

71-004074 Sobhana, B. and Nair, N. B. OOGENESIS IN THE OLIVE CARP, /PUNTIUS SARANA SUBNASUTUS/. *Zool. Anz.* 198 (5/6): 373-379. 1977. SFA 23(1)

71-004075 Soivio, A. and G. M. Hughes. CIRCULATORY CHANGES IN SECONDARY LAMELLAE OF *SALMO GAIRDNERI* GILLS IN HYPOXIA AND ANAESTHESIA. *Ann. Zool. Fenn.* 15(3):221-225. 1978. SFA 25(4)

71-004076 Soivio, A. and Oikari, A. HAEMATOLOGICAL EFFECTS OF STRESS ON A TELEOST, /ESOX LUCIUS/ L. *J. Fish Biol.* 8 (5): 397-411. May 1976. SFA 22(1)

71-004077 Soivio, A.; M. Nikinmaa and K. Westman. THE BLOOD OXYGEN BINDING PROPERTIES OF HYPOXIC *SALMO GAIRDNERI*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 136(1):83-87. Mar. 1980. SFA 25(3)

71-004078 Soivio, A.; Nynolm, K. and Westman, K. A TECHNIQUE FOR REPEATED SAMPLING OF THE BLOOD OF INDIVIDUAL RESTING FISH. *J. Exp. Biol.* 63 (1): 207-217. Aug. 1975. SFA 22(2)

71-004079 Sokolowska, M.; Epler, P. and Bieniarz, K. THE HISTOLOGICAL PICTURE OF THE HYPOTHALAMUS (THE NUCLEUS PREOPTICUS) AND HYPOPHYSIS IN MALE /ANGUILLA ANGUILLA/ L. TREATED WITH HORMONES. *J. Fish Biol.* 12 (1): 1-4. Jan. 1978. SFA 23(2)

71-004080 Sokolowska, M.; Popek, W. and Bieniarz, K. SYNTHETIC RELEASING HORMONES LH/FSH-RH AND LH-RH: EFFECT OF INTRACEREBRAL AND INTRAMUSCULAR INJECTIONS ON FEMALE CARP (/CYPRINUS CARPIO/ L.) MATURATION. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 963-967. 1978. SFA 24(1)

71-004081 Solbakken, J. E.; K. H. Palmork; T. Neppelberg and R. R. Scheline. URINARY AND BILIARY METABOLITES OF PHENANTHRENE IN THE COALFISH *(POLLACHIUS VIRENS)*. *Acta Pharmacol. Toxicol.* 46(2):127-132. Feb. 1980. SFA 25(2)

71-004082 Somero, G. N. and J. J. Childress. A VIOLATION OF THE METABOLISM-SIZE SCALING PARADIGM: ACTIVITIES OF GLYCOLYTIC ENZYMES IN MUSCLE INCREASE IN LARGER-SIZE FISH. *Physiol. Zool.* 53(3):322-337. July 1980. SFA 25(4)

71-004083 Somkina, N. V. CERTAIN FEATURES OF METABOLISM IN THE BRAIN OF THE STURGEON, /ACIPENSER GULDENSTADTI/ IN EARLY ONTOGENY AND UNDER THE INFLUENCE OF SALINITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 688-691. 1975. SFA 21(3).

71-004084 Somkina, N. V. PHYSIOLOGICAL CONSIDERATIONS AFFECTING THE TIME OF RELEASE OF JUVENILE STURGEON (/ACIPENSER GULDENSTADTI/ BRANDT). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 561-566. 1974. SFA 21(2).

71-004085 Sonstegard, R.; Leatherland, J. F. and Moccia, R. THYROID ACTIVITY OF ALEWIVES (/ALOSA PSEUDOHARENGUS/) AND RAINBOW SMELTS (/OSMERUS MORDAX/) IN THE GREAT LAKES. *J. Fish. Res. Board Can.* 34 (8): 1242-1244. Aug. 1977. In English with French Summ. SFA 22(4)

71-004086 Sorensen, D. L.; McCarthy, M. M.; Middlebrooks, E. J. and Porcella, D. B. SUSPENDED AND DISSOLVED SOLIDS EFFECTS ON FRESHWATER BIOTA: A REVIEW. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-042. x + 65p. Apr. 1977. SFA 23(3)

71-004087 Spaargaren, D. H. A COMPARISON OF THE BLOOD OSMOTIC COMPOSITION OF VARIOUS MARINE AND BLACKISH-WATER ANIMALS. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (3): 327-333. 1978. SFA 23(4)

71-004088 Spaargaren, D. H. A COMPARATIVE STUDY ON THE REGULATION OF OSMOTIC, IONIC AND ORGANIC-SOLUTE CONCENTRATIONS IN THE BLOOD OF AQUATIC ORGANISMS. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (1): 31-40. 1976. SFA 22(1)

71-004089 Spannhof, L. A STUDY OF THE CARBOHYDRATE METABOLISM OF THE FRESHWATER EEL, /ANGUILLA ANGUILLA/, AND THE RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 165-167. 1976. SFA 22(3)

71-004090 Spanovskaya, V. D. and V. V. Roldugina. SOME BLOOD INCATORS IN THE ROACH, *RUTILUS RUTILUS*, FROM MOZHAYSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):960-967. 1978. SFA 25(2)

71-004091 Spanovskaya, V. D. and Grigorash, V. A. ANALYSIS OF THE ONTOGENY OF REPRODUCTION IN FIRST-GENERATION FEMALES, WITH REFERENCE TO THE ROACH, /RUTILUS RUTILUS/, FROM MOZHAYSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):35-45. 1977. SFA 23(3)

71-004092 Speiler, R. E. CIRCADIAN AND SEASONAL SERUM PROLACTIN LEVELS IN SOME FRESHWATER AND ESTUARINE FISHES: ENDOCRINOLOGICAL, ECOLOGICAL, AND MARICULTURAL IMPLICATIONS. *Ph.D. dissertation, La. State Univ. Agric. Mech. Coll.* 69p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1).

71-004093 Spence, B.; Meier, A. H. and Dietz, T. H. CIRCADIAN CHLORIDE RHYTHMS IN THE GULF KILLIFISH, /FUNDULUS GRANDIS/. *Copeia* 1977 (3): 557-560. 25 Aug. 1977. SFA 22(4)

71-004094 Spieler, R. E. DIEL RHYTHMS OF CIRCULATING PROLACTIN, CORTISOL, THYROXINE, AND TRIIODOTHYRONINE LEVELS IN FISHES: A REVIEW. *Rev. Can. Biol.* 38(4):301-315. Dec. 1979. In English with French summ. SFA 25(2)

71-004095 Spieler, R. E. and Noeske, T. A. DIEL VARIATIONS IN CIRCULATING LEVELS OF TRIIODOTHYRONINE AND THYROXINE IN GOLDFISH, /CARASSIUS AURATUS/. *Can. J. Zool.* 57 (3): 665-669. Mar. 1979. In English with French summ. SFA 24(3)

71-004096 Spieler, R. E. and Meier, A. H. SHORT-TERM SERUM PROLACTIN CONCENTRATIONS IN GOLDFISH (/CARASSIUS AURATUS/) SUBJECTED TO SERIAL SAMPLING AND RESTRAIN. *J. Fish. Res. Board Can.* 33(1):183-186. Jan. 1976. In English with French summ. SFA 21(1).

71-004097 Spieler, R. E.; Meier, A. H. and Noeske, T. A. TEMPERATURE-INDUCED PHASE SHIFT OF DAILY RHYTHM OF SERUM PROLACTIN IN GULF KILLIFISH. *Nature* 271 (5644): 469-470. 2 Feb. 1978. SFA 23(2)

71-004098 Spieler, R. E.; Meier, A. H. and Noeske, T. A. TIMING OF A SINGLE DAILY MEAL AFFECTS DAILY SERUM PROLACTIN RHYTHM IN GULF KILLIFISH, /FUNDULUS GRANDIS/. *Life Sci.* 22 (3): 255-258. 16 Jan. 1978. SFA 23(2)

71-004099 Spieler, R. E.; Fivizzani, A. J., Jr.; Terranova, P. F. and Noeske, T. A. THE EFFECTS OF 2-BR-ALPHA-ERGOCRYPTINE ON SERUM SODIUM LEVELS IN GULF KILLIFISH, /FUNDULUS GRANDIS/, AND OTHER VERTEBRATES. *Proc. La. Acad. Sci.* 38: 92-94. Dec. 1975. SFA 24(1)

71-004100 Spieler, R. E.; Noeske, T. A.; De Vlaming, V. and Meier, A. H. EFFECTS OF THERMOCYCLES ON BODY WEIGHT GAIN AND GONADAL GROWTH IN THE GOLDFISH, /CARASSIUS AURATUS/. *Trans. Am. Fish. Soc.* 106(5):440-444. Sept. 1977. SFA 23(1)

71-004101 Spigarelli, S. A.; Thommes, M. M. and Beitinger, T. L. THE INFLUENCE OF BODY WEIGHT ON HEATING AND COOLING OF SELECTED LAKE MICHIGAN FISHES. *Comp. Biochem. Physiol. A Comp. Physiol.* 56(1):51-57. 1977. SFA 22(1)

71-004102 Spitzer, R. H.; Downing, S. W. and Koch, E. A. METABOLIC-MORPHOLOGIC EVENTS IN THE INTEGUMENT OF THE PACIFIC HAGFISH (/EPTATRETUS STOUTII/). *Cell Tissue Res.* 197(2):235-255. 1979. SFA 24(3)

71-004103 Spoor, W. A. OXYGEN REQUIREMENTS OF EMBRYOS AND LARVAE OF THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ (LACEPEDE). *J. Fish Biol.* 11 (2): 77-86. Aug. 1977. SFA 23(1)

71-004104 Squires, E. J.; Hall, D. E. and Feltham, L. A. W. SEASONAL CHANGES IN PLASMA AMINO ACID LEVELS IN THE WINTER FLOUNDER (/PSEUDOPLEURONECTES AMERICANUS/). *Can. J. Zool.* 57 (7): 1438-1442. July 1979. In English with French summ. SFA 24(4)

71-004105 Sroczynski, S. UNTERSUCHUNGEN UEBER DIE WACHSTUMSGESETZMAESSIGKEITEN DES SEHORGANS BEIM HECHT (/ESOX LUCIUS/ L.). [INVESTIGATIONS ON THE GROWTH REGULARITY OF THE ORGAN OF SIGHT ON PIKE (/ESOX LUCIUS/ L.).] *Arch. Fischereiwiss.* 26 (2/3): 137-150. Feb. 1976. In German with English summ. SFA 21(4)

71-004106 Stacey, N. E. THE REGULATION OF SPAWNING BEHAVIOUR IN THE FEMALE GOLDFISH, /CARASSIUS AURATUS/. *Ph.D. dissertation, Univ. British Columbia* 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):121. July 1978. SFA 23(4)

71-004107 Stacey, N. E.; Peter, R. E. and Cook, A. F. SPONTANEOUS AND GONADOTROPIN-INDUCED OVULATION IN THE GOLDFISH, /CARASSIUS AURATUS/ L: EFFECTS OF EXTERNAL FACTORS. *J. Fish Biol.* 15(3):349-361. Sept. 1979. SFA 25(1)

71-004108 Stanley, J. G. FEMALE HOMOGAMETY IN GRASS CARP (/CTENOPHARYNGODON IDELLA/) DETERMINED BY GYNOGENESIS. *J. Fish. Res. Board Can.* 33 (6): 1372-1374. June 1976. In English with French summ. SFA 21(2).

71-004109 Stanley, J. G. and Fleming, W. R. FAILURE OF SEAWATER-ACCLIMATION TO ALTER OSMOTIC TOXICITY IN /FUNDULUS KANSAE/. *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (1): 53-56. 1977. SFA 22(4)

71-004110 Stanley, J. G. SEASONAL CHANGES IN THE ELECTROLYTE METABOLISM IN THE ALEWIFE, /ALOSA PSEUDOHARENGUS/, IN LAKE MICHIGAN. *Proc. Conf. Great Lakes Res.* 12: 91-97. 1969. SFA 22(4)

71-004111 Staples, D. J. and Nomura, M. INFLUENCE OF BODY SIZE AND FOOD RATION ON THE ENERGY BUDGET OF RAINBOW TROUT /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 9 (1): 29-43. July 1976. SFA 22(1)

71-004112 Stegeman, J. J. TEMPERATURE INFLUENCE ON BASAL ACTIVITY AND INDUCTION OF MIXED FUNCTION OXYGENASE ACTIVITY IN /FUNDULUS HETEROCLITUS/. *J. Fish. Res. Board Can.* 36(11):1400-1405. Nov. 1979. In English with French summ. SFA 25(1)

71-004113 Sternik, K.-H. EINE METHODE ZUR KONTINUIERLICHEN BESTIMMUNG DER PHOSPHATEXKRETION VON FISCHEN UNTER VERWENDUNG EINES ANIONENAUSTAUSCHERHARZES. [A METHOD FOR THE CONTINUOUS DETERMINATION OF THE PHOSPHATE EXCRETION BY FISH BY MEANS OF ANION EXCHANGE RESIN.] *Arch. Hydrobiol. Supplementb.* 55 (1): 24-61. 1978. In German with English summ. SFA 24(1)

71-004114 Stevens, E. D. and Holeton, G. F. THE PARTITIONING OF OXYGEN UPTAKE FROM AIR AND FROM WATER BY ERYTHRINIDS. *Can. J. Zool.* 56 (4): 965-969. Apr. 1978. In English with French summ. SFA 23(3)

71-004115 Stevens, E. D. and Holeton, G. F. THE PARTITIONING OF OXYGEN UPTAKE FROM AIR AND FROM WATER BY THE LARGE OBLIGATE AIR-BREATHING TELEOST PIRARUCU (/ARAPAIMA GIGAS/). *Can. J. Zool.* 56 (4): 974-976. Apr. 1978. In English with French summ. SFA 23(3)

71-004116 Stevens, E. D. and Sutterlin, A. M. HEAT TRANSFER BETWEEN FISH AND AMBIENT WATER. *J. Exp. Biol.* 65 (1): 131-145. Aug. 1976. SFA 22(3)

71-004117 Stevenson, S. V. and Grove, D. J. THE EXTRINSIC INNERVATION OF THE STOMACH OF THE PLAICE, /PLEURONECTES PLATESSA/ L.--I. THE VAGAL NERVE SUPPLY. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 58 (2): 143-151. 1977. SFA 23(2)

71-004118 Stevenson, S. V. and Grove, D. J. THE EXTRINSIC INNERVATION OF THE STOMACH OF THE PLAICE, /PLEURONECTES PLATESSA/ L. II. THE SPLANCHNIC NERVE SUPPLY. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (1): 45-50. 1978. SFA 23(3)

71-004119 Stevenson, T. J. THE EFFECTS OF AMMONIA, PH AND SALINITY ON THE WHITE PERCH, /MORONE AMERICANA/. *Ph.D. dissertation, Univ. R.I.* 167p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):35. July 1978. SFA 23(4)

71-004120 Stewart, J. K.; Goodner, C. J.; Koerker, D. J.; Gorbman, A.; Ensinck, J. and Kaufman, M. EVIDENCE FOR A BIOLOGICAL ROLE OF SOMATOSTATIN IN THE PACIFIC HAGFISH, /EPTATRETUS STOUTI/. *Gen. Comp. Endocrinol.* 36 (3): 408-414. Nov. 1978. SFA 24(2)

71-004121 Stickney, R. R. CELLULASE ACTIVITY IN THE STOMACHS OF FRESHWATER FISHES FROM TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:282-287. 1975[1976]. SFA 22(4)

71-004122 Stieber, S. F. and Cvancara, V. A. TISSUE DEAMINATION OF L-AMINO ACIDS IN THE TELEOST /STIZOSTEDION VITREUM/ (MITCHILL). *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (3): 285-287. 1977. SFA 22(3)

71-004123 Stoff, J. S.; Rosa, R.; Hallac, R.; Silva, P. and Epstein, F. H. HORMONAL REGULATION OF ACTIVE CHLORIDE TRANSPORT IN THE DOGFISH RECTAL GLAND. *Am. J. Physiol.* 237 (2): F138-F144. Aug. 1979. SFA 24(4)

71-004124 Stoff, J. S.; Silva, P.; Field, M.; Forrest, J.; Stevens, A. and Epstein, F. H. CYCLIC AMP REGULATION OF ACTIVE CHLORIDE TRANSPORT IN THE RECTAL GLAND OF MARINE ELASMOBRANCHS. *J. Exp. Zool.* 199 (3): 443-448. Mar. 1977. SFA 22(3)

71-004125 Stolbov, A. Ya. and Alikin, Yu. S. TEMPERATURE DEPENDENCE OF ACTIVE METABOLISM AND SWIMMING SPEED OF THE BAIKAL GRAYLING, /THYMALLUS ARCTICUS BAICALENSIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 178-179. 1977. SFA 23(3)

71-004126 Stolbov, A. Ya. THE EFFECT OF MEASURED MUSCULAR LOADS ON THE METABOLIC RATE OF THE BAIKAL GRAYLING, /THYMALLUS ARCTICUS BAICALENSIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 298-303. 1975. SFA 21(3).

71-004127 Stolte, H.; Galaske, R. G.; Eisenbach, G. M.; Lechene, C.; Schmidt-Nielsen, B. and Boylan, J. W. RENAL TUBULE ION TRANSPORT AND COLLECTING DUCT FUNCTION IN THE ELASMOBRANCH LITTLE SKATE, /RAJA ERINACEA/. *J. Exp. Zool.* 199 (3): 403-410. Mar. 1977. SFA 22(3)

71-004128 Storey, K. B.; Guderley, H. E.; Guppy, M. and Hochachka, P. W. CONTROL OF AMMONIAGENESIS IN THE KIDNEY OF WATER- AND AIR-BREATHING OSTEOGLOSSIDS: CHARACTERIZATION OF GLUTAMATE DEHYDROGENASE. *Can. J. Zool.* 56 (4): 845-851. Apr. 1978. In English with French summ. SFA 23(3)

71-004129 Storozhuk, A. Ya. AGE-RELATED FEATURES OF THE METABOLISM OF THE COALFISH, /POLLACHIUS VIRENS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):655-665. 1978. SFA 25(1)

71-004130 Stott, W. T. and Sinnhuber, R. O. TROUT HEPATIC ENZYME ACTIVATION OF AFLATOXIN B(1) IN A MUTAGEN ASSAY SYSTEM AND THE INHIBITORY EFFECT OF PCBS. *Bull. Environ. Contam. Toxicol.* 19 (1): 35-41. Jan. 1978. SFA 23(2)

71-004131 Strand, J. A.; Fujihara, M. P.; Burdett, R. D. and Poston, T. M. SUPPRESSION OF THE PRIMARY IMMUNE RESPONSE IN RAINBOW TROUT, /SALMO GAIRDNERI/, SUBLETHALLY EXPOSED TO TRITIATED WATER DURING EMBRYOGENESIS. *J. Fish. Res. Board Can.* 34(9):1293-1304. Sept. 1977. In English with French summ. SFA 22(4)

71-004132 Strange, J. R.; Kerr, W. E.; Allred, P. M. and Fletcher, D. J. PHOSPHATE INCORPORATION BY DAPHNIDS AND CHANNEL CATFISH IN PHOSPHATE-RICH ENVIRONMENTS. *J. Environ. Health A Environ. Sci. Eng.* 12 (7): 311-325. 1977. SFA 22(4)

71-004133 Strange, R. J. and C. B. Schreck. SEAWATER AND CONFINEMENT ALTERS SURVIVAL AND CORTISOL CONCENTRATION IN JUVENILE CHINOOK SALMON. *Copeia* 1980(2):351-353. 1 May 1980. SFA 25(3)

71-004134 Strange, R. J. ACCLIMATION TEMPERATURE INFLUENCES CORTISOL AND GLUCOSE CONCENTRATIONS IN STRESSED CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 109(3):298-303. May 1980. SFA 25(4)

71-004135 Strange, R. J. CHANGES IN PLASMA CORTISOL CONCENTRATION OF JUVENILE SALMONIDS DURING STRESS. *Ph.D. dissertation, Oreg. State Univ.* 104p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(10):4559. Apr. 1978. SFA 23(3)

71-004136 Strange, R. J.; Schreck, C. B. and Ewing, R. D. CORTISOL CONCENTRATIONS IN CONFINED JUVENILE CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/). *Trans. Am. Fish. Soc.* 107 (6): 812-819. Nov. 1978. SFA 24(2)

71-004137 Strange, R. J.; Schreck, C. B. and Golden, J. T. CORTICOID STRESS RESPONSES TO HANDLING AND TEMPERATURE IN SALMONIDS. *Trans. Am. Fish. Soc.* 106 (3): 213-218. May 1977. SFA 22(4)

71-004138 Strommen, C. A.; Rasch, E. M. and Balsano, J. S. CYTOGENETIC STUDIES OF /POECILIA/ (PISCES). IV. EPITHELIAL CELL BIOPSIES TO IDENTIFY TRIPLOID FEMALES ASSOCIATED WITH /POECILIA FORMOSA/. *Copeia* 1975(3):568-572. 5 Aug. 1975. SFA 21(1).

71-004139 Stuenkel, E. L. and S. Hillyard. EFFECTS OF TEMPERATURE AND SALINITY ON GILL Na$^+$-K$^+$ ATPase ACTIVITY IN THE PUPFISH, *CYPRINODON SALINUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(1):179-182. 1980. SFA 25(4)

71-004140 Stuenkel, E. L. and S. D. Hillyard. EFFECTOS DE LA TEMPERATURA Y SALINIDAD EN EL METABOLISM ENERGETICO Y ELECTROLYTICO DEL PUPFISH, *CYPRINODON SALINUS*. [EFFECTS OF TEMPERATURE AND SALINITY ON ELECTROLYTE AND ENERGY METABOLISM IN THE PUPFISH, *CYPRINODON SALINUS*.] *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:49. 30 Jan. 1980. In English and Spanish. Abstract only. SFA 25(3)

71-004141 Subrahmanyam, C. B. OXYGEN CONSUMPTION OF ESTUARINE FISH IN RELATION TO EXTERNAL OXYGEN TENSION. *Comp. Biochem. Physiol. A Comp. Physiol.* 67(1):129-133. 1980. SFA 25(4)

71-004142 Subramanian, A. SALINITY ADAPTATION IN THE SNAKE EEL *PISOODONOPHIS BORO* (HAM-BUCH). *Rev. Can. Biol.* 38(3):167-171. Sept. 1979. In English with French summ. SFA 25(2)

71-004143 Sugimoto, Y. and H. Takahashi. ULTRASTRUCTURAL CHANGES OF TESTICULAR INTERSTITIAL CELLS OF SILVER JAPANESE EELS, *ANGUILLA JAPONICA*, TREATED WITH HUMAN CHORIONIC GONADOTROPIN. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):23-33. Feb. 1979. SFA 25(2)

71-004144 Sugita, H.; Y. Ishida and H. Kadota. [MEDIA FOR THE ENUMERATION AND ISOLATION OF AEROBIC BACTERIA IN GASTROINTESTINE OF *TILAPIA NILOTICA*.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):91-95. Jan. 1980. In Japanese with English summ.

71-004145 Sukhomlinov, B. F. and Matvienko, S. V. [SPECIES SPECIFICITY OF HEMOGLOBIN IN PLANT-EATING FISHES.] *Zool. Zh.* 56(11):1654-1657. Nov. 1977. In Russian with English summ. SFA 23(2)

71-004146 Sumner, J. L. and Davis, S. R. LIPID AND AMINO-ACID COMPOSITION OF WHITEBAIT. *N. Z. J. Mar. Freshwater Res.* 11 (1): 169-172. Mar. 1977. SFA 23(1)

71-004147 Sumpter, J. P.; N. Jenkins; R. T. Duggan and J. M. Dodd. THE STEROIDOGENIC EFFECTS OF PITUITARY EXTRACTS FROM A RANGE OF ELASMOBRANCH SPECIES ON ISOLATED TESTICULAR CELLS OF QUAIL, AND THEIR NEUTRALISATION BY A DOGFISH ANTI-GONADOTROPHIN. *Gen. Comp. Endocrinol.* 40(3):331. Mar. 1980. Abstract only. SFA 25(2)

71-004148 Sumpter, J. P.; Follett, B. K.; Jenkins, N. and Dodd, J. M. STUDIES ON THE PURIFICATION AND PROPERTIES OF GONADOTROPHIN FROM VENTRAL LOBES OF THE PITUITARY GLAND OF THE DOGFISH (/SCYLIORHINUS CANICULA/ L.). *Gen. Comp. Endocrinol.* 36 (2): 264-274. Oct. 1978. SFA 24(2)

71-004149 Sumpter, J. P.; Jenkins, N. and Dodd, J. M. GONADOTROPHIC HORMONE IN THE PITUITARY GLAND OF THE DOGFISH (/SCYLIORHINUS CANICULA/ L.): DISTRIBUTION AND PHYSIOLOGICAL SIGNIFICANCE. *Gen. Comp. Endocrinol.* 36 (2): 275-285. Oct. 1978. SFA 24(2)

71-004150 Sumpter, J. P.; Follett, B. K. and Dodd, J. M. STUDIES ON THE PURIFICATION OF GONADOTROPHIN FROM DOGFISH (/SCYLIORHINUS CANICULA/ L.) PITUITARY GLANDS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 787-791. 1978. SFA 24(1)

71-004151 Suyama, M. and Suzuki, T. [FREE AND CONJUGATED AMINO ACIDS IN THE EXTRACT OF RAINBOW TROUT EGGS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 345-349. Apr. 1978. In Japanese with English summ. SFA 23(4)

71-004152 Suyama, M.; Hirano, T.; Okada, N. and Shibuya, T. [QUALITY OF WILD AND CULTURED AYU--I. ON THE PROXIMATE COMPOSITION, FREE AMINO ACIDS AND RELATED COMPOUNDS.] *Bull. Jpn. Soc. Sci. Fish.* 43 (5): 535-540. May 1977. SFA 22(4)

71-004153 Suzuki, K. [PROTOGYNOUS SEX REVERSALS IN SERRANID FISHES.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:79-84. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-004154 Suzuki, R. and Yamaguchi, M. [EFFECT OF TEMPERATURE ON MATURATION OF A CYPRINID LOACH.] *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 367-373. Apr. 1977. SFA 22(4)

71-004155 Suzuki, T. and M. Suyama. [CHANGES IN FREE AMINO ACIDS AND PHOSPHOPEPTIDES OF RAINBOW TROUT DURING DEVELOPMENT.] *Bull. Jpn. Soc. Sci. Fish.* 46(5):591-597. May 1980. In Japanese with English summ. SFA 25(4)

71-004156 Suzuki, T. and Suyama, M. [PROPERTIES OF PHOSPHOPEPTIDES IN THE EXTRACT OF RAINBOW TROUT EGGS.] *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 385-388. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-004157 Suzuki, T., I. Kamoi and T. Obara. [ENZYMATIC PROPERTIES OF LIVER CARBOXYLESTERASE IN YOUNG YELLOWTAIL.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):63-68. Jan. 1980. SFA 25(2)

71-004158 Suzuki, Y.; M. Nakahara; R. Nakamura and T. Ueda. ROLES OF FOOD AND SEA WATER IN THE ACCUMULATION OF RADIONUCLIDES BY MARINE FISH. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1409-1416. Nov. 1979. SFA 25(2)

71-004159 Suzuki, Y.; M. Nakahara and T. Ueda. ACCUMULATION AND EXCRETION OF ^{95}Zr AND ^{95}Nb BY COMMON GOBY (*ACANTHOGOBIUS FLAVIMANUS*). *Bull. Jpn. Soc. Sci. Fish.* 45(10):1293-1298. Oct. 1979. SFA 25(2)

71-004160 Sylvester, J. R.; Nash, C. E. and Emberson, C. R. SALINITY AND OXYGEN TOLERANCES OF EGGS AND LARVAE OF HAWAIIAN STRIPED MULLET, /MUGIL CEPHALUS/ L. *J. Fish Biol.* 7 (5): 621-629. Sept. 1975. SFA 22(2)

71-004161 Symons, P. E. K.; Metcalfe, J. L. and Harding, G. D. UPPER LETHAL AND PREFERRED TEMPERATURES OF THE SLIMY SCULPIN, /COTTUS COGNATUS/. *J. Fish. Res. Board Can.* 33(1):180-183. Jan. 1976. In English with French summ. SFA 21(1).

71-004162 Sytina, L. A. DIVERGENCE OF FEATURES IN THE COURSE OF EARLY ONTOGENETIC DEVELOPMENT OF THE LARVAE OF CLOSELY RELATED SPECIES OF STURGEONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 594-606. 1975. SFA 21(3).

71-004163 Szabo, T.; Enger, P. S. and Libouban, S. ELECTROSENSORY SYSTEMS IN THE MORMYRID FISH, /GNATHONEMUS PETERSII/: SPECIAL EMPHASIS ON THE FAST CONDUCTING PATHWAY. *J. Physiol. (Paris)* 75:409-420. 1979. SFA 25(1)

71-004164 Szamier, R. B. and M. V. L. Bennett. AMPULLARY ELECTRORECEPTORS IN THE FRESH WATER RAY, *POTAMOTRYGON*. *J. Comp. Physiol. A Sens. Neural. Behav. Physiol.* 138(3):225-230. 1980. SFA 25(4)

71-004165 Takada, K.; Kamiya, H. and Hashimoto, Y. STUDIES ON LIPIDS OF SOME STROMATEIDEI FISHES. *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 605-610. May 1979. SFA 24(4)

71-004166 Takahashi, H. [TWO NEW CASES OF HERMAPHRODITIC GONADS FOUND IN ARTIFICIALLY MATURED JAPANESE EELS, *ANGUILLA JAPONICA*.] *Bull. Fac. Fish. Hokkaido Univ.* 30(4):252-258. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-004167 Takahashi, H. EFFECTS OF LARGE DOSES OF METHYLTESTOSTERONE ON THE DEVELOPMENT OF REPRODUCTIVE ORGANS OF JUVENILE GUPPY, /POECILIA RETICULATA/. *Bull. Fac. Fish. Hokkaido Univ.* 28(1):6-19. Apr. 1977. SFA 22(4)

71-004168 Takahashi, K.; Ito, K. and Sato, R. GLYCONEOGENESIS IN CHUM SALMON ALEVIN. *Tohoku J. Agric. Res.* 29 (3-4): 146-158. Dec. 1978. SFA 24(4)

71-004169 Takahashi, K.; Cabling, F., Jr. and Zama, K. MOLECULAR SPECIES OF FISH MUSCLE LIPIDS. II. CHANGES IN TRIGLYCERIDE AND PHOSPHATIDYLCHOLINE MOLECULAR SPECIES OF SARDINE AFTER FROZEN STORAGE. *Bull. Fac. Fish. Hokkaido Univ.* 29 (4): 386-391. Nov. 1978. SFA 24(3)

71-004170 Takahashi, K.; Zama, K. and Matsuoka, T. MOLECULAR SPECIES OF FISH MUSCLE LIPIDS. I. MOLECULAR SPECIES OF TRIGLYCERIDE AND PHOSPHATIDYLCHOLINE OF SARDINE AND RAINBOW TROUT. *Bull. Fac. Fish. Hokkaido Univ.* 29 (4): 378-385. Nov. 1978. SFA 24(3)

71-004171 Takashima, Y.; Takano, K. and Hara, A. [CHANGES IN FEMALE-SPECIFIC SERUM PROTEINS DURING THE COURSE OF INDUCED MATURATION OF FEMALE JAPANESE EELS (/ANGUILLA JAPONICA/).] *Bull. Fac. Fish. Hokkaido Univ.* 30(1):50-61. Feb. 1979. In Japanese with English summ. SFA 25(1)

71-004172 Takashima, Y.; K. Takano and A. Hara. [CHANGES IN FEMALE-SPECIFIC SERUM PROTEINS DURING THE COURSE OF INDUCED MATURATION OF FEMALE JAPANESE EELS (*ANGUILLA JAPONICA*)]. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):50-61. Feb. 1979. In Japanese with English summ. SFA 25(2)

71-004173 Takeda, T. and Itazawa, Y. AN ESTIMATION OF THE MINIMUM LEVEL OF DISSOLVED OXYGEN IN WATER REQUIRED FOR NORMAL LIFE OF FISH--III. AN EXPERIMENT WITH CARP AVOIDING CARBON DIOXIDE ACCUMULATION. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 329-333. Mar. 1979. SFA 24(4)

71-004174 Takei, Y.; Hirano, T. and Kobayashi, H. ANGIOTENSIN AND WATER INTAKE IN THE JAPANESE EEL, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 38(4):466-475. Aug. 1979. SFA 25(1)

71-004175 Talikina, M. G. OOGENESIS AND SEXUAL CYCLE OF THE BLACK SEA TURBOT [/SCOPHTHALMUS MAEOTICUS MAEOTICUS/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):377-384. 1974. SFA 21(2).

71-004176 Tamura, S. O.; Morii, H. and Yuzuriha, M. RESPIRATION OF THE AMPHIBIOUS FISHES /PERIOPHTHALMUS CANTONENSIS/ AND /BOLEOPHTHALMUS CHINENSIS/ IN WATER AND ON LAND. *J. Exp. Biol.* 65 (1): 97-107. Aug. 1976. SFA 22(3)

71-004177 Tan-Tue, V. ETUDE DU DEVELOPPEMENT DU TUBE DIGESTIF DES LARVES DE BAR /DICENTRARCHUS LABRAX/ (L.). [STUDY ON THE DEVELOPMENT OF THE DIGESTIVE TRACT OF THE LARVAE OF /DICENTRARCHUS LABRAX/ (L.).] *Arch. Zool. Exp. Gen.* 117 (4): 493-509. Dec. 1976. In french with English summ. SFA 22(3)

71-004178 Tan, E. S. P. and Dodd, J. M. IMMUNOLOGICAL RELATEDNESS OF GONADOTROPHINS OF VARIOUS FISHES AS SHOWN BY RADIOIMMUNOASSAYS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 781-785. 1978. SFA 24(1)

71-004179 Tandler, A. and Beamish, F. W. H. MECHANICAL AND BIOCHEMICAL COMPONENTS OF APPARENT SPECIFIC DYNAMIC ACTION IN LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ LACEPEDE. *J. Fish Biol.* 14 (4): 343-350. Apr. 1979. SFA 24(3)

71-004180 Tandler, A. APPARENT SPECIFIC DYNAMIC ACTION (SDA) AND DIET IN LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ (LACEPEDE). *Ph.D. dissertation, Univ. Guelph* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2178. Nov. 1978. SFA 24(1)

71-004181 Tandon, R. S. and S. Chandra. ECOPHYSIOLOGY OF FISHES; EFFECT OF STARVATION ON SERUM ALKALINE PHOSPHATASE LEVELS OF FRESHWATER CATFISH *CLARIAS BATRACHUS*. *Brotéria* 48(1-4):35-38. 1979. SFA 25(3)

71-004182 Tandon, R. S. and S. Chandra. ECOPHYSIOLOGY OF FISHES: EFFECT OF STARVATION ON BLOOD UREA LEVELS OF FRESHWATER CATFISH *CLARIAS BATRACHUS*. *J. Anim. Physiol. Anim. Nutr.* 41(6):310-313. May 1979. In English with German summ. SFA 25(2)

71-004183 Tang, F.; Chan, S. T. H. and Lofts, B. A STUDY OF THE 3BETA- AND 17BETA-HYDROXYSTEROID DEHYDROGENASE ACTIVITIES IN THE GONADS OF /MONOPTERUS ALBUS/ (PISCES: TELEOSTEI) AT VARIOUS SEXUAL PHASES DURING NATURAL SEX REVERSAL. *J. Zool. (Lond.)* 175 (4): 571-580. Apr. 1975. SFA 22(2)

71-004184 Taniguchi, N. and Numachi, K. GENETIC VARIATION OF 6-PHOSPHOGLUCONATE DEHYDROGENASE, ISOCITRATE DEHYDROGENASE, AND GLUTAMIC-OXALOACETIC TRANSAMINASE IN THE LIVER OF JAPANESE EEL. *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1351-1355. Dec. 1978. SFA 24(2)

71-004185 Targett, T. E. RESPIRATORY METABOLISM OF TEMPERATURE ACCLIMATED /FUNDULUS HETEROCLITUS/ (L.): ZONES OF COMPENSATION AND DEPENDENCE. *J. Exp. Mar. Biol. Ecol.* 32 (2): 197-206. May 1978. SFA 23(4)

71-004186 Targett, T. E. THE EFFECT OF TEMPERATURE AND BODY SIZE ON DIGESTIVE EFFICIENCY IN /FUNDULUS HETEROCLITUS/ (L.). *J. Exp. Mar. Biol. Ecol.* 38 (2): 179-186. 23 Apr. 1979. SFA 24(3)

71-004187 Tarr, R. J. Q. and Hill, B. J. OXYGEN CONSUMPTION, FOOD ASSIMILATION AND ENERGY CONTENT OF SOUTHERN AFRICAN ELVERS (/ANGUILLA/ SP.). *Aquaculture* 15 (2): 141-150. Oct. 1978. SFA 24(1)

71-004188 Tavolga, W. N. MECHANISMS FOR DIRECTIONAL HEARING IN THE SEA CATFISH (/ARIUS FELIS/). *J. Exp. Biol.* 67: 97-115. Apr. 1977. SFA 22(3)

71-004189 Tavolga, W. N. BEHAVIOURAL THRESHOLDS FOR DIFFUSE ILLUMINATION IN THE GOLDFISH. *J. Exp. Biol.* 67: 89-96. Apr. 1977. SFA 22(3)

71-004190 Tay, K.-L. and Garside, E. T. COMPENSATORY EMBRYOGENIC RESPONSES IN OSMOREGULATIVE STRUCTURES OF MUMMICHOG /FUNDULUS HETEROCLITUS/ L. INCUBATED AT CONSTANT TEMPERATURE AND VARIOUS CONSTANT LEVELS OF SALINITY. *Can. J. Zool.* 56 (4): 613-623. Apr. 1978. In English with French summ. SFA 23(3)

71-004191 Tay, K.-L. and Garside, E. T. SOME EMBRYOGENIC RESPONSES OF MUMMICHOG, /FUNDULUS HETEROCLITUS/ (L.) (CYPRINODONTIDAE), TO CONTINUOUS INCUBATION IN VARIOUS COMBINATIONS OF TEMPERATURE AND SALINITY. *Can. J. Zool.* 53(7):920-933. July 1975. In English with French summ. SFA 22(1)

71-004192 Tayamen, M. M. and Shelton, W. L. INDUCEMENT OF SEX REVERSAL IN /SAROTHERODON NILOTICUS/ (LINNAEUS). *Aquaculture* 14(4):349-354. Aug. 1978. SFA 24(1)

71-004193 Taylor, D. J. THE EFFECT OF HYPOPHYSECTOMY, THYROXINE, PROLACTIN, PHOTOPERIOD AND TEMPERATURE ON THE RHODOPSIN-PORPHYROPSIN RATIOS OF TWO TROUT, *SALVELINUS FONTINALIS* AND *SALMO GAIRDNERI*. *Ph.D. dissertation, Cornell Univ.* 93p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(8):3565. Feb. 1980. SFA 25(2)

71-004194 Taylor, P. W. SERUM PROTEIN AND HEMOGLOBIN CHARACTERISTICS OF VARIOUS CATFISHES (/ICTALURUS/ SPP.) UNDER NORMAL AND DISEASED CONDITIONS. *Ph.D. dissertation, Auburn Univ.* 106p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):458. Aug. 1978. SFA 24(3)

71-004195 Teeter, J. H.; R. B. Szamier and M. V. L. Bennett. AMPULLARY ELECTRORECEPTORS IN THE STURGEON *SCAPHIRHYNCHUS PLATORYNCHUS* (RAFINESQUE). *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 138(3):213-223. 1980. SFA 25(4)

71-004196 Temple, N. J.; Martin, P. A. and Connock, M. J. INTESTINAL PEROXISOMES OF GOLDFISH (/CARASSIUS AURATUS/)--EXAMINATION FOR HYDROLASE, DEHYDROGENASE AND CARNITINE ACETYLTRANSFERASE ACTIVITIES. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(1):57-63. 1979. SFA 25(1)

71-004197 Terao, T. [NUTRITIONAL CONSTITUENTS IN MUSCLE AND BIOCHEMICAL COMPONENTS IN BLOOD OF CARP, /CYPRINUS CARPIO/, IN WINTER SEASON.] *Sci. Rep. Hokkaido Fish Hatchery* 33: 21-26. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-004198 Terkatin-Shimony, A.; Z. Ilan; Z. Yaron and D. W. Johnson. RELATIONSHIP BETWEEN TEMPERATURE, OVARIAN RECRUDESCENCE, AND PLASMA CORTISOL LEVEL IN *TILAPIA AUREA* (CICHLIDAE, TELEOSTEI). *Gen. Comp. Endocrinol.* 40(2):143-148. Feb. 1980. SFA 25(2)

71-004199 Terkatin-Shimony, A. and Yaron, Z. ESTROGENS AND ESTROGENIC EFFECTS IN /TILAPIA AUREA/ (CICHLIDAE, TELEOSTEI). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1007-1012. 1978. SFA 24(1)

71-004200 Terlou, M.; de Jong, J. P. and van Oordt, P. G. W. J. SCANNING CYTOPHOTOMETRY: A METHOD FOR STUDYING THE AMOUNT OF NEUROSECRETORY MATERIAL IN THE PREOPTIC NUCLEUS OF THE TROUT (/SALMO GAIRDNERI/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 851-856. 1978. SFA 24(1)

71-004201 Terlou, M.; Ekengren, B. and Hiemstra, K. LOCALIZATION OF MONOAMINES IN THE FOREBRAIN OF TWO SALMONID SPECIES, WITH SPECIAL REFERENCE TO THE HYPOTHALAMO-HYPOPHYSIAL SYSTEM. *Cell Tissue Res.* 190 (3): 417-434. 1978. SFA 23(4)

71-004202 Terpin, K. M.; Wyllie, M. C. and Holmstrom, E. R. TEMPERATURE PREFERENCE, AVOIDANCE, SHOCK, AND SWIM SPEED STUDIES WITH MARINE AND ESTUARINE ORGANISMS FROM NEW JERSEY. *Ichthyol. Assoc. Inc. Bull.* No. 17. vi + 86p. May 1977. SFA 24(2)

71-004203 Terpin, K. M.; Spotila, J. R. and Koons, R. R. EFFECT OF PHOTOPERIOD ON THE TEMPERATURE TOLERANCE OF THE BLACKNOSE DACE, /RHINICHTHYS ATRATULUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (3): 241-244. 1976. SFA 22(1)

71-004204 Tesone, M. and E. H. Charreau. STEROID BIOSYNTHESIS IN THE GONADS OF THE TELEOST FISH *JENYNSIA LINEATA*. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(4):631-637. 1980. SFA 25(3)

71-004205 Teyssier, M.; Garin, D. and Peres, G. LES MODIFICATIONS DES CELLULES NEUROSECRETOIRES DU NOYAU PREOPTIQUE DE LA TANCHE (/TINCA TINCA/) ET DE DIFFERENTS IONS PLASMATIQUES CONSECUTIVES A UNE ELEVATION DE LA TEMPERATURE DE L'EAU. [MODIFICATIONS OF NEUROSECRETORY CELLS IN PREOPTIC NUCLEUS OF TENCH (/TINCA TINCA/) AND SOME PLASMATIC IONS, ACCORDING TO TEMPERATURE INCREASE OF WATER.] *C. R. Seances Soc. Biol. Fil.* 172 (5): 934-938. 1978. In French with English summ. SFA 24(4)

71-004206 Thakur, N. K.; Pal, R. N. and Khan, H. A. EMBRYONIC AND LARVAL DEVELOPMENT OF /HETEROPNEUSTES FOSSILIS/ (BLOCH). *J. Inland Fish. Soc. India* 6: 33-44. Dec. 1974. SFA 24(3)

71-004207 Thatcher, T. O. SOME EFFECTS OF DISSOLVED OXYGEN CONCENTRATION ON FEEDING, GROWTH AND BIOENERGETICS OF JUVENILE COHO SALMON. *Ph.D. dissertation, Oreg. State Univ.* 78p. 1975. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-004208 Theilacker, G. H. EFFECT OF STARVATION ON THE HISTOLOGICAL AND MORPHOLOGICAL CHARACTERISTICS OF JACK MACKEREL, /TRACHURUS SYMMETRICUS/, LARVAE. *NOAA Fish. Bull.* 76(2):403-414. Apr. 1978. SFA 23(4)

71-004209 Theisen, B. THE OLFACTORY SYSTEM IN THE PACIFIC HAGFISHES /EPTATRETUS STOUTII/, /EPTATRETUS DEANI/, AND /MYXINE CIRCIFRONS/. *Acta Zool.* 57(3):167-173. 1976. SFA 21(3).

71-004210 Thomas, A. E. and Donahoo, M. J. DIFFERENCES IN SWIMMING PERFORMANCES AMONG STRAINS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (2): 304-307. Feb. 1977. In English with French summ. SFA 22(3)

71-004211 Thomson, A. J. and Sargent, J. R. CHANGES IN THE LEVELS OF CHLORIDE CELLS AND (NA+ + K+)-DEPENDENT ATPASE IN THE GILLS OF YELLOW AND SILVER EELS ADAPTING TO SEAWATER. *J. Exp. Zool.* 200(1):33-40. Apr. 1977. SFA 22(3)

71-004212 Thomson, A. J.; Sargent, J. R. and Owen, J. M. INFLUENCE OF ACCLIMATIZATION TEMPERATURE AND SALINITY ON (NA+ + K+)-DEPENDENT ADENOSINE TRIPHOSPHATASE AND FATTY ACID COMPOSITION IN THE GILLS OF THE EEL (/ANGUILLA ANGUILLA/). *Comp. Biochem. Physiol. B Comp. Biochem.* 56(3):223-228. 1977. SFA 22(3)

71-004213 Thornton, K. W. and Lessem, A. S. A TEMPERATURE ALGORITHM FOR MODIFYING BIOLOGICAL RATES. *Trans. Am. Fish. Soc.* 107 (2): 284-287. Mar. 1978. SFA 23(3)

71-004214 Thorpe, A. and H. Duve. THE ISOLATED ISLETS OF LANGERHANS OF THE SILVER EEL, *ANGUILLA ANGUILLA*, IN CULTURE. *Gen. Comp. Endocrinol.* 40(3):351-352. Mar. 1980. Abstract only. SFA 25(2)

71-004215 Tikhomirov, O. B. FAT METABOLISM DURING MUSCULAR ACTIVITY IN DIFFERENT AGE GROUPS OF THE RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 107-115. 1977. SFA 23(3)

71-004216 Timonina, L. G. A STUDY OF BLOOD GROUPS IN THE EEL, /ANGUILLA ANGUILLA/, FROM THE COURLAND LAGOON AND VISTULA BAY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 348-351. 1976. SFA 22(3)

71-004217 Tirri, R.; Vornanen, M. and Cossins, A. R. THE COMPENSATION OF ATPASE ACTIVITIES IN BRAIN AND KIDNEY MICROSOMES FROM COLD AND WARM-ACCLIMATED CARP (/CYPRINUS CARPIO/ L.). *J. Therm. Biol.* 3 (3): 131-135. July 1978. SFA 23(4)

71-004218 Todd, E. S. VERTICAL MOVEMENTS AND DEVELOPMENT OF THE PROLARVAE OF THE ELEOTRID FISH, /DORMITATOR LATIFRONS/. *Copeia* 1975(3):564-568. 5 Aug. 1975. SFA 21(1).

71-004219 Todd, G. T. EVOLUTION AND THE FORCE OF GRAVITY: THE PROBLEM OF BUOYANCY IN CARTILAGINOUS AND BONY FISHES. *Am. Zool.* 18 (3): 622. 1978. Abstract only. SFA 24(2)

71-004220 Toerring, M. J. and Serrier, J. INFLUENCE OF WATER TEMPERATURE ON THE ELECTRIC ORGAN DISCHARGE (EOD) OF THE WEAKLY ELECTRIC FISH /MARCUSENIUS CYPRINOIDES/ (MORMYRIDAE). *J. Exp. Biol.* 74: 133-150. June 1978. SFA 23(4)

71-004221 Toerring, M. J. and Belbenoit, P. MOTOR PROGRAMMES AND ELECTRORECEPTION IN MORMYRID FISH. *Behav. Ecol. Sociobiol.* 4 (4): 369-379. 1979. SFA 24(3)

71-004222 Tokunaga, T.; Iida, H. and Miwa, K. [THE GAS CHROMATOGRAPHIC ANALYSIS OF AMINES IN FISH.] *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 219-227. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-004223 Tomasso, J. R.; K. B. Davis and N. C. Parker. PLASMA CORTICOSTEROID AND ELECTROLYTE DYNAMICS OF HYBRID STRIPED BASS (WHITE BASS X STRIPED BASS) DURING NETTING AND HAULING STRESS. *J. Tenn. Acad. Sci.* 55(2):54. Apr. 1980. Abstract only. SFA 25(2)

71-004224 Tomasso, J. R.; Simco, B. A. and Davis, K. B. CHLORIDE INHIBITION OF NITRITE INDUCED METHEMOGLOBINEMIA IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *J. Tenn. Acad. Sci.* 54 (2): 71. Apr. 1979. Abstract only. SFA 24(3)

71-004225 Tondeur, F. and Sargent, J. R. PROPERTIES AND NATURE OF (NA+ + MG^{2+})-DEPENDENT ADENOSINE TRIPHOSPHATASE IN THE GILLS OF THE EEL, /ANGUILLA ANGUILLA/ (L.). *J. Exp. Mar. Biol. Ecol.* 28(1):67-76. June 1977. SFA 22(4)

71-004226 Toneys, M. L. and D. W. Coble. MORTALITY, HEMATOCRIT, OSMOLALITY, ELECTROLYTE REGULATION, AND FAT DEPLETION OF YOUNG-OF-THE-YEAR FRESHWATER FISHES UNDER SIMULATED WINTER CONDITIONS. *Can. J. Fish. Aquatic Sci.* 37(2):225-232. Feb. 1980. In English with French summ. SFA 25(3)

71-004227 Toor, H. S.; K. Kapur and B. Rai. FOLLICULAR ATRESIA IN THE OVARY OF THE TELEOST FISH, *PUNTIUS TICTO*. *J. Anim. Morphol. Physiol.* 26(1/2):85-92. June-Dec. 1979. SFA 25(4)

71-004228 Torres, J. J.; Belman, B. W. and Childress, J. J. OXYGEN CONSUMPTION RATES OF MIDWATER FISHES AS A FUNCTION OF DEPTH OF OCCURRENCE. *Deep-Sea Res. A Oceanogr. Res. Pap.* 26 (2): 185-197. Feb. 1979. SFA 24(3)

71-004229 Totlan, G. K.; Kryvi, H. and Slinde, E. LDH ISOENZYMES IN THE AXIAL MUSCLE OF THE SHARKS /GALEUS MELASTOMUS/ AND /ETMOPTERUS SPINAX/. *J. Fish Biol.* 12 (1): 45-50. Jan. 1978. SFA 23(2)

71-004230 Totland, G. K. and Kryvi, H. LACTATE DEHYDROGENASE IN THE SWIMMING MUSCLES OF THE CARTILAGINOUS FISH /CHIMAERA MONSTROSA/. *Acta Zool. (Stockh.)* 60 (1): 43-45. 1979. SFA 24(4)

71-004231 Trump, B. F. and Jones, R. T. CORRELATION OF STRUCTURE AND ACTIVE TRANSPORT IN THE TELEOST NEPHRON. *J. Exp. Zool.* 199 (3): 365-382. Mar. 1977. SFA 22(3)

71-004232 Truscott, B. CORTICOSTEROIDS OF THE COELACANTH *LATIMERIA CHALUMNAE* SMITH: A PROVISIONAL STUDY ON THEIR IDENTITY. *Gen. Comp. Endocrinol.* 41(3):287-295. July 1980. SFA 25(4)

71-004233 Truscott, B. STEROID METABOLISM IN FISH. IDENTIFICATION OF STEROID MOIETIES OF HYDROLYZABLE CONJUGATES OF CORTISOL IN THE BILE OF TROUT /SALMO GAIRDNERII/. *Gen. Comp. Endocrinol.* 38 (2): 196-206. June 1979. SFA 24(4)

71-004234 Truscott, B.; Idler, D. R.; Sundararaj, B. I. and Goswami, S. V. EFFECTS OF GONADOTROPINS AND ADRENOCORTICOTROPIN ON PLASMATIC STEROIDS OF THE CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Gen. Comp. Endocrinol.* 34 (2): 149-157. Feb. 1978. SFA 23(3)

71-004235 Trusov, V. Z. MATURATION OF THE GONADS IN FEMALE SEVRYUGA /ACIPENSER STELLATUS/ DURING ITS LIFE IN THE OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 61-72. 1975. SFA 21(2).

71-004236 Trust, T. J. FACULTATIVE ANAEROBIC BACTERIA IN THE DIGESTIVE TRACT OF CHUM SALMON (/ONCORHYNCHUS KETA/) MAINTAINED IN FRESH WATER UNDER DEFINED CULTURE CONDITIONS. *Appl. Microbiol.* 29 (5): 663-668. May 1975.

71-004237 Trust, T. J.; Buckley, J. T.; Currie, B. R. and Bull, L. M. OBLIGATE ANAEROBIC BACTERIA IN THE GASTROINTESTINAL MICROFLORA OF THE GRASS CARP (/CTENOPHARYNGODON DELLA/), GOLDFISH (/CARASSIUS AURATUS/), AND RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36(10):1174-1179. Oct. 1979. In English with French summ. SFA 25(1)

71-004238 Tsin, A. T. C. and Beatty, D. D. VISUAL PIGMENT CHANGES IN RAINBOW TROUT IN RESPONSE TO TEMPERATURE. *Science* 195 (4284): 1358-1360. 25 Mar. 1977. SFA 22(3)

71-004239 Tsukuda, H. TEMPERATURE DEPENDENCY OF THE RELATIVE ACTIVITIES OF LIVER LACTATE DEHYDROGENASE ISOZYMES IN GOLDFISH ACCLIMATED TO DIFFERENT TEMPERATURES. *Comp. Biochem. Physiol. B Comp. Biochem.* 52 (3): 343-345. Nov. 1975. SFA 22(1)

71-004240 Tsuneki, K. EFFECTS OF ESTRADIOL AND TESTOSTERONE IN THE HAGFISH /EPTATRETUS BURGERI/. *Acta Zool.* 57 (3): 137-146. 1976. SFA 21(3).

71-004241 Tung, T. C. and Niu, M. C. THE EFFECT OF CARP EGG-MRNA ON THE TRANSFORMATION OF GOLDFISH TAIL. *Sci. Sin.* 20 (1): 59-63. Jan.-Feb. 1977. SFA 22(4)

71-004242 Tung, T. C. and Niu, M. C. ORGAN FORMATION CAUSED BY NUCLEIC ACID FROM DIFFERENT CLASS--URODELE DNA MEDICATED BALANCER FORMATION IN GOLDFISH. *Sci. Sin.* 20 (1): 56-58. Jan.-Feb. 1977. SFA 22(4)

71-004243 Tyler, A. V. EVIDENCE FOR THE ASSUMPTION OF INDEPENDENCE BETWEEN GASTRIC EMPTYING RATE AND SWIMMING ACTIVITY USING ATLANTIC COD, /GADUS MORHUA/. *J. Fish. Res. Board Can.* 34 (12): 2411-2413. Dec. 1977. In English with French summ. SFA 23(2)

71-004244 Tytler, P. and Blaxter, J. H. S. THE EFFECT OF SWIMMBLADDER DEFLATION ON PRESSURE SENSITIVITY IN THE SAITHE /POLLACHIUS VIRENS/. *J. Mar. Biol. Assoc. U.K.* 57 (4): 1057-1064. Nov. 1977. SFA 23(2)

71-004245 Uchiyama, H.; Katoh, N.; Kudo, Y. and Arai, K. [BIOCHEMICAL STUDIES ON MYOFIBRILS OF FISH THERMO-STABILITY OF CA^{2}+-ACTIVATED MYOFIBRILLAR ATPASE OF EPIPELAGIC AND MESOPELAGIC FISH SPECIES.] *Bull. Jpn. Soc. Sci. Fish.* 44(5):491-497. May 1978. In Japanese with English summ. SFA 23(4)

71-004246 Ueda, H. and H. Takahashi. RESPONSES OF TWO DIFFERENT TYPES OF PITUITARY GONADOTROPHS OF THE LOACH, *MISGURNUS ANGUILLICAUDATUS*, TO GONADECTOMY AND TO EXOGENOUS SEX STEROIDS. *Gen. Comp. Endocrinol.* 40(4):463-472. Apr. 1980. SFA 25(3)

71-004247 Ueda, H. and Takahashi, H. CHANGES OF PITUITARY GONADOTROPHS ASSOCIATED WITH ARTIFICIAL MATURATION IN SILVER FEMALES OF THE JAPANESE EEL, /ANGUILLA JAPONICA/. *Bull. Fac. Fish. Hokkaido Univ.* 29(4):299-307. Nov. 1978. SFA 24(3)

71-004248 Ueda, H. CHANGES OF TWO TYPES OF PITUITARY GONADOTROPHS IN WHITESPOTTED CHAR, *SALVELINUS LEUCOMAENIS*, DURING GONADAL DEVELOPMENT. *Bull. Fac. Fish. Hokkaido Univ.* 31(1):1-15. Mar. 1980. SFA 25(3)

71-004249 Uematsu, K.; Hanyu, I.; Hibiya, T. and Yamamori, K. EMG RECORDING FROM THE SPAWNING SALMON. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 409. Mar. 1979. SFA 24(4)

71-004250 Uematsu, K.; K. Yamamori; I. Hanyu and T. Hibiya. ROLE OF THE TRUNK MUSCULATURE IN OVIPOSITION OF CHUM SALMON, *ONCORHYNCHUS KETA*. *Bull. Jpn. Soc. Sci. Fish.* 46(4):395-400. Apr. 1980. SFA 25(4)

71-004251 Ugajin, M. [STUDIES ON THE TAXONOMY OF MAJOR MICROFLORA ON THE INTESTINAL CONTENTS OF SALMONIDS.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 721-731. June 1979. In Japanese with English summ. SFA 24(4)

71-004252 Ultsch, G. R.; Boschung, H. and Ross, M. J. METABOLISM CRITICAL OXYGEN TENSION, AND HABITAT SELECTION IN DARTERS (/ETHEOSTOMA/). *Bull. Ecol. Soc. Am.* 59 (2): 72-73. June 1978. Abstract only. SFA 23(4)

71-004253 Ultsch, G. R.; Boschung, H. and Ross, M. J. METABOLISM, CRITICAL OXYGEN TENSION, AND HABITAT SELECTION IN DARTERS (/ETHEOSTOMA/). *Ecology* 59 (1): 99-107. 1978. SFA 24(1)

71-004254 Umehara, S. and Oguri, M. EFFECTS OF ENVIRONMENTAL CALCIUM CONTENT ON PLASMA CALCIUM LEVELS IN GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 827-833. Aug. 1978. SFA 24(1)

71-004255 Ungar, F. and Gunville, R. FORMATION OF 3ALPHA-HYDROXY-5BETA-PREGNAN-20-ONE IN THE OVARIES OF CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Gen. Comp. Endocrinol.* 31 (1): 53-59. Jan. 1977. SFA 22(3)

71-004256 Ungell, A.-L. and Nilsson, S. METABOLIC DEGRADATION OF [^{3}H]-ADRENALINE IN THE ATLANTIC COD, /GADUS MORHUA/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):137-141. 1979. SFA 25(1)

71-004257 Unsicker, K.; Polonius, T.; Lindmar, R.; Loffelholz, K. and Wolf, U. CATECHOLAMINES AND 5-HYDROXYTRYPTAMINE IN CORPUSCLES OF STANNIUS OF THE SALMONID, /SALMO IRIDEUS/ L. A STUDY CORRELATING ELECTRON MICROSCOPICAL, HISTOCHEMICAL AND CHEMICAL FINDINGS. *Gen. Comp. Endocrinol.* 31 (1): 121-132. Jan. 1977. SFA 22(3)

71-004258 Upadhyay, S. N.; Breton, B. and Billard, R. ULTRASTRUCTURAL STUDIES ON EXPERIMENTALLY INDUCED VITELLOGENESIS IN JUVENILE RAINBOW TROUT (/SALMO GAIRDNERI/ R.). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1019-1025. 1978. SFA 24(1)

71-004259 Vaccaro, A. M.; Raschetti, R.; Ricciardi, G. and Morpurgo, G. TEMPERATURE ADAPTATION AT THE HEMOGLOBIN LEVEL IN /CARASSIUS AURATUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (4): 627-634. Dec. 1975. SFA 22(1)

71-004260 Val-Sella, M. V. and A. Sesso. MORPHOMETRIC EVALUATION OF THE NUMBER OF GONADOTROPHIC CELLS OF THE TELEOST *RHAMDIA HILARII* IN THE MATURATION, MATURE AND SPENT STAGES OF THE GONADAL CYCLE. *Acta Zool. (Stockh.)* 61(3):133-139. 1980. SFA 25(4)

71-004261 Valtonen, J. O. T. SEASONAL PHENOMENA OF TEMPERATURE SELECTION, GONADAL CYCLE AND LIVER CARBOHYDRATE METABOLISM IN THE WHITEFISH, /COREGONUS NASUS/ (PALLAS), /SENUS/ SVARDSON. *Ph.D. dissertation, Oulu Univ. (Finland)* 1974. From Diss. Abstr. Int. B Sci. Eng. 36(9), 1976. SFA 21(1).

71-004262 Van Bohemen, Ch. G. and J. G. D. Lambert. INDUCTION AND ANNUAL PLASMA LEVELS OF YOLK PROTEINS IN *SALMO GAIRDNERI*. *Gen. Comp. Endocrinol.* 40(3):319. Mar. 1980. Abstract only. SFA 25(2)

71-004263 Van den Hurk, R. and Peute, J. CYCLIC CHANGES IN THE OVARY OF THE RAINBOW TROUT, /SALMO GAIRDNERI/, WITH SPECIAL REFERENCE TO SITES OF STEROIDOGENESIS. *Cell Tissue Res.* 199(2):289-306. 21 June 1979. SFA 24(4)

71-004264 Van den Hurk, R.; G. A. Slof and F. A. Schurer. GONADAL SEX DIFFERENTIATION IN RAINBOW TROUT, *SALMO GAIRDNERI* WITH SPECIAL REFERENCE TO THE EFFECTS OF STEROID HORMONES AND N,N-DIMETHYLFORMAMIDE. *Gen. Comp. Endocrinol.* 40(3):323. Mar. 1980. Abstract only. SFA 25(2)

71-004265 van den Hurk, R.; Peute, J. and Vermeij, J. A. J. MORPHOLOGICAL AND ENZYME CYTOCHEMICAL ASPECTS OF THE TESTIS AND VAS DEFERENS OF THE RAINBOW TROUT, /SALMO GAIRDNERI/. *Cell Tissue Res.* 186 (2): 309-325. 1978. SFA 23(3)

71-004266 van den Hurk, R.; Vermeij, J. A. J.; Stegenga, J.; Peute, J. and van Oordt, P. G. W. J. CYCLIC CHANGES IN THE TESTIS AND VAS DEFERENS OF THE RAINBOW TROUT (/SALMO GAIRDNERI/) WITH SPECIAL REFERENCE TO SITES OF STEROIDOGENESIS. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 899-904. 1978. SFA 24(1)

71-004267 van den Hurk, R. and Lambert, J. G. D. BIOSYNTHESIS OF 11BETA-HYDROXY AND 11-KETOANDROGENS IN THE TESTIS OF THE BLACK MOLLY, /POECILIA/ (=/MOLLIENSIA/) /LATIPINNA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (2): 117-118. 1977. SFA 22(3)

71-004268 Van den Thillart, G.; F. Kesbeke and A. Van Waarde. ANAEROBIC ENERGY-METABOLISM OF GOLDFISH, *CARASSIUS AURATUS* (L.). INFLUENCE OF HYPOXIA AND ANOXIA ON PHOSPHORYLATED COMPOUNDS AND GLYCOGEN. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 136(1):45-52. Mar. 1980. SFA 25(3)

71-004269 van den Thillart, G. and Kesbeke, F. ANAEROBIC PRODUCTION OF CARBON DIOXIDE AND AMMONIA BY GOLDFISH /CARASSIUS AURATUS/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (4): 393-400. 1978. SFA 23(3)

71-004270 van den Thillart, G.; Kesbeke, F. and van Waarde, A. INFLUENCE OF ANOXIA ON THE ENERGY METABOLISM OF GOLDFISH /CARASSIUS AURATUS/ (L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (4): 329-336. 1976. SFA 22(1)

71-004271 Van Eys, G. J. J. M. STRUCTURAL CHANGES IN THE PARS INTERMEDIA OF THE CICHLID TELEOST *SAROTHERODON MOSSAMBICUS* AS A RESULT OF BACKGRWOUND ADAPTATION AND ILLUMINATION. I. THE MSH-PRODUCING CELLS. *Cell Tissue Res.* 208(1):99-110. 1980. SFA 25(3)

71-004272 van Kemenade, J. A. M.; H. J. M. Goverde and A. P. M. Lamers. THE ADRENOCORTICAL TISSUE AND ACTH IN THE TROUT, *SALMO GAIRDNERI*: ANNUAL CYCLES. *Gen. Comp. Endocrinol.* 40(3):346. Mar. 1980. Abstract only. SFA 25(2)

71-004273 Van Veen, Th.; P. Ekström; B. Borg and M. Møller. A LIGHT, FLUORESCENCE, AND ELECTRON MICROSCOPICAL INVESTIGATION OF THE PINEAL ORGAN OF THE THREE-SPINED STICKLEBACK. *Gen. Comp. Endocrinol.* 40(3):368. Mar. 1980. Abstract only. SFA 25(2)

71-004274 van Veen, Th.; P. Ekström and B. Borg. THE PINEAL COMPLEX OF THE THREE-SPINED STICKLEBACK, *GASTEROSTEUS ACULEATUS* L. A LIGHT-, ELECTRON MICROSCOPIC AND FLUORESCENCE HISTOCHEMICAL INVESTIGATION. *Cell Tissue Res.* 209(1):11-28. July 1980. SFA 25(4)

71-004275 Van Voorhies, W. V. and DeVries, A. L. GLYCOPROTEINS AS BIOLOGICAL ANTIFREEZE AGENTS IN THE COD, /GADUS OGAC/ (RICHARDSON). *Physiol. Zool.* 51(4):347-353. Oct. 1978. SFA 24(1)

71-004276 van Vuren, J. H. J. and Hattingh, J. SEASONAL CHANGES IN THE HAEMOGLOBINS OF FRESHWATER FISH IN THEIR NATURAL ENVIRONMENT. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (3): 265-268. 1978. SFA 23(4)

71-004277 Van Vuren, J. H. J. and Fourie, F. le R. YELLOWFISH AND TIGERFISH HAEMATOLOGY. *Zool. Afr.* 13(1):158-161. 1978. SFA 24(1)

71-004278 Van Vuren, J. H. J. and Hattingh, J. A SEASONAL STUDY OF THE HAEMATOLOGY OF WILD FRESHWATER FISH. *J. Fish Biol.* 13 (3): 305-313. Sept. 1978. SFA 24(1)

71-004279 van Vuren, J. H. J. and Hattingh, J. THE HAEMATOLOGY OF WILD AND LABORATORY ACCLIMATED /LABEO UMBRATUS/ (TELEOSTEI; CYPRINIDAE). *Zool. Afr.* 13 (2): 275-282. 1978. SFA 24(2)

71-004280 Varma, A. K. and Frankel, J. S. COMPARATIVE ANALYSIS OF ESTERASE ISOZYMES IN THE GENUS /BARBUS/. *Am. Zool.* 18 (3): 634. 1978. Abstract only. SFA 24(2)

71-004281 Vasal, S. and Sundararaj, B. I. RESPONSE OF THE OVARY IN THE CATFISH, /HETEROPNEUSTES FOSSILIS/ (BLOCH), TO VARIOUS COMBINATIONS OF PHOTOPERIOD AND TEMPERATURE. *J. Exp. Zool.* 197 (2): 247-264. Aug. 1976. SFA 22(3)

71-004282 Vasilevskaya, N. E. and Stankevich, L. N. REACTIONS OF NEURONS OF THE TECTUM MESENCEPHALI OF FISHES TO STIMULATION OF CHEMORECEPTORS OF THE SKIN SURFACE. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSR Ser. Biol.)* 233 (1-6): 134-137. Mar.-Apr. 1977. SFA 23(2)

71-004283 Vaynberg, Yu. P. and Shagalov, L. B. CHANGES IN THE EXTRACTABILITY OF DNA FROM /ACIPENSER GULDENSTADTI/ MILT BY SODIUM PYROPHOSPHATE IN THE COURSE OF THE SPAWNING MIGRATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 509-511. 1976. SFA 22(4)

71-004284 Vechkanov, V. S. INTENSITY OF RESPIRATION OF THE SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 645-649. 1975. SFA 21(3).

71-004285 Veith, W. J. THE CHEMICAL COMPOSITION OF THE FOLLICULAR FLUID OF THE VIVIPAROUS TELEOST /CLINUS SUPERCILIOSUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 63 (1): 37-40. 1979. SFA 24(3)

71-004286 Venables, B. J.; Pearson, W. D. and Fitzpatrick, L. C. THERMAL AND METABOLIC RELATIONS OF LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/, FROM A HEATED RESERVOIR AND A HATCHERY IN NORTH CENTRAL TEXAS. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (1): 93-98. 1977. SFA 22(3)

71-004287 Venables, B. J. ASPECTS OF THE THERMAL ECOLOGY OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) IN NORTH CENTRAL TEXAS. *Ph. D. dissertation, North Tex. State Univ.* 142p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-004288 Verghese, P. U. INTERNAL RHYTHM OF SEXUAL CYCLE IN A CARP /CIRRHINA REBA/ (HAM.) UNDER ARTIFICIAL CONDITIONS OF DARKNESS. *J. Inland Fish. Soc. India* 7: 182-188. Dec. 1975. SFA 24(3)

71-004289 Viancour, T. A. PERIPHERAL ELECTROSENSE PHYSIOLOGY: A REVIEW OF RECENT FINDINGS. *J. Physiol. (Paris)* 75:321-333. 1979. SFA 25(1)

71-004290 Viancour, T. A. ELECTRORECEPTORS OF A WEAKLY ELECTRIC FISH. *Ph.D. dissertation, Univ. Calif. (San Diego)* 121p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):108. July 1978. SFA 23(4)

71-004291 Vigg, S. C. and D. L. Koch. UPPER LETHAL TEMPERATURE RANGE OF LAHONTAN CUTTHROAT TROUT IN WATERS OF DIFFERENT IONIC CONCENTRATION. *Trans. Am. Fish. Soc.* 109(3):336-339. May 1980. SFA 25(4)

71-004292 Vigna, S. R. and Gorbman, A. STIMULATION OF INTESTINAL LIPASE SECRETION BY PORCINE CHOLECYSTOKININ IN THE HAGFISH, /EPTATRETUS STOUTI/. *Gen. Comp. Endocrinol.* 38(3):356-359. July 1979. SFA 25(1)

71-004293 Vinnikov, Ya. A.; Natochin, Yu. V.; Pyatkina, G. A. and Shakhmatova, E. I. STRUCTURE AND IONIC COMPOSITION OF OLFACTORY AND RESPIRATORY MUCUS OF STURGEONS AND THE OXIDATIVE HYPOTHESIS OF OLFACTION. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 245:837-840. Sept. 1979. SFA 25(1)

71-004294 Vislie, T. CELL VOLUME REGULATION IN ISOLATED, PERFUSED HEART VENTRICLE OF THE FLOUNDER *(PLATICHTHYS FLESUS)*. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(1):19-27. 1980. SFA 25(2)

71-004295 Vislie, T. LYSOSOMES IN ERYTHROCYTES FROM THE FLOUNDER (/PLATICHTHYS FLESUS/). *Comp. Biochem. Physiol. B. Comp. Biochem.* 60 (1): 35-40. 1978. SFA 23(3)

71-004296 Vitvitskiy, V. N. A COMPARATIVE STUDY OF COLLAGEN THERMOSTABILITY IN EPIPELAGIC, DEMERSAL, NERITIC AND DEEP-WATER FISH SPECIES FROM THE CARIBBEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 852-855. 1976. SFA 23(2)

71-004297 Vitvitskiy, V. N. THERMOSTABILITY OF COLLAGEN OF EPIPELAGIC, BOTTOM NERITIC AND DEEP-WATER FISHES FROM THE CARIBBEAN REGION. *Comp. Biochem. Physiol. A Comp. Physiol.* 61(4):661-663. 1978. SFA 24(1)

71-004298 Vitvitskiy, V. N. COMPARATIVE INVESTIGATION OF THERMAL STABILITY AND ELECTROPHORETIC MOBILITY OF MUSCLE PROTEINS OF FISHES LIVING AT DIFFERENT DEPTHS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8(6):543-547. Nov.-Dec. 1977. SFA 24(2)

71-004299 Vivekanandan, E. EFFECTS OF FEEDING ON THE SWIMMING ACTIVITY AND GROWTH OF /OPHIOCEPHALUS STRIATUS/. *J. Fish Biol.* 8 (4): 321-330. Apr. 1976. SFA 22(1)

71-004300 Vivekanandan, E. and Pandian, T. J. SURFACING ACTIVITY AND FOOD UTILIZATION IN A TROPICAL AIR-BREATHING FISH EXPOSED TO DIFFERENT TEMPERATURES. *Hydrobiologia* 54 (2): 145-160. 1 June 1977. SFA 22(4)

71-004301 Vivekanandan, E. ONTOGENETIC DEVELOPMENT OF SURFACING BEHAVIOUR IN THE OBLIGATORY AIR-BREATHING FISH /CHANNA (=OPHIOCEPHALUS) STRIATUS/. *Physiol. Behav.* 18 (4): 559-562. Apr. 1977. SFA 22(4)

71-004302 Vlasblom, A. G.; Vaas, K. F. and Rozing, W. THE OSMOTIC CONCENTRATION OF THE BLOOD PLASMA OF PLAICE (/PLEURONECTES PLATESSA/) FROM THREE HABITATS OF DIFFERENT SALINITY. *Neth. J. Sea Res.* 11 (2): 168-183. Nov. 1977. SFA 23(3)

71-004303 Vodicnik, M. J.; Kral, R. E.; De Vlaming, V. L. and Crim, L. W. THE EFFECTS OF PINEALECTOMY ON PITUITARY AND PLASMA GONADOTROPIN LEVELS IN /CARASSIUS AURATUS/ EXPOSED TO VARIOUS PHOTOPERIOD-TEMPERATURE REGIMES. *J. Fish Biol.* 12(3):187-196. Mar. 1978. SFA 23(3)

71-004304 Vodicnik, M. J.; McKeown, B. A. and De Vlaming, V. L. MICROELECTROPHORETIC IDENTIFICATION OF PITUITARY PROLACTIN IN /CARASSIUS AURATUS/. *Gen. Comp. Endocrinol.* 36(3):402-407. Nov. 1978. SFA 24(2)

71-004305 Vodicnik, M. J. THE ROLE OF VARIOUS ENVIRONMENTAL FACTORS AND THE PINEAL ORGAN ON THE PHYSIOLOGY OF TELEOST FISHES. *Ph.D. dissertation, Marquette Univ.* 194p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(9):4217. Mar. 1979. SFA 24(3)

71-004306 Volkov, I. V. ON THE PHYSIOLOGY OF THE LEUKOCYTE SYSTEM OF /VIMBA VIMBA/ FROM NEMAN RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 148-153. 1978. SFA 24(3)

71-004307 Volodin, V. M. THE INFLUENCE OF FEEDING AND OVERWINTERING CONDITIONS ON THE DURATION OF EGG RESORPTION AND THE DEVELOPMENT OF THE NEXT GENERATION OF OOCYTES IN THE BREAM, *ABRAMIS BRAMA*, OF RYBINSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):147-150. 1979. SFA 25(4)

71-004308 Volodin, V. M.; Mezhnin, F. I. and Kuz'mina, V. V. AN EXPERIMENTAL STUDY OF EGG RESORPTION IN THE BREAM [/ABRAMIS BRAMA/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):219-231. 1974. SFA 21(2).

71-004309 Voss, E. W., Jr.; W. J. Groberg, Jr. and J. L. Fryer. METABOLISM OF COHO SALMON Ig. CATABOLIC RATE OF COHO SALMON TETRAMERIC Ig IN SERUM. *Mol. Immunol.* 17. 445-452. 1980. SFA 25(3)

71-004310 Voss, E. W., Jr.; Fryer, J. L. and Banowetz, G. M. ISOLATION, PURIFICAITON, AND PARTIAL CHARACTERIZATION OF A LECTIN FROM CHINOOK SALMON OVA. *Arch. Biochem. Biophys.* 186 (1): 25-34. Feb. 1978. SFA 23(3)

71-004311 Voss, E. W., Jr.; Groberg, W. J., Jr. and Fryer, J. L. BINDING AFFINITY OF TETRAMERIC COHO SALMON IG ANTI-HAPTEN ANTIBODIES. *Immunochemistry* 15: 459-464. 1978. SFA 24(3)

71-004312 Vriens, A. M. A. J. N. and Bretschneider, F. THE ELECTROSENSITIVITY OF THE LATERAL LINE OF THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *J. Physiol. (Paris)* 75:341-342. 1979. SFA 25(1)

71-004313 Wabuke-Bunoti, M. A. N. and Firling, C. E. THE PRE-HATCHING DEVELOPMENT OF THE THRYOID GLAND OF THE FATHEAD MINNOW, /PIMEPHALES PROMELAS/. *Am. Zool.* 18 (3): 596. 1978. Abstract only. SFA 24(2)

71-004314 Wachtler, K. THE REGIONAL DISTRIBUTION OF CHOLINACETYL TRANSFERASE AND ACETYLCHOLINESTERASE IN THE BRAIN OF THE LAMPREY (/PETROMYZON FLUVIATILIS/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (2): 411-413. 1978. SFA 24(1)

71-004315 Wada, S.; Koizumi, C.; Takuguchi, A. and Nonaka, J. TRIGLYCERIDE COMPOSITION OF BLACK COD LIPID--II. POSSIBLE FATTY ACID COMBINATIONS IN TRIGLYCERIDES AND THEIR CONTENTS. *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 615-622. May 1979. SFA 24(4)

71-004316 Wada, S.; Koizumi, C.; Takiguchi, A. and Nonaka, J. TRIGLYCERIDE COMPOSITION OF BLACK COD LIPID--I. TRIGLYCERIDE COMPOSITION BASED ON THE ACYL CARBON NUMBER AND DEGREE OF UNSATURATION. *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 611-614. May 1979. SFA 24(4)

71-004317 Wada, S.; Koizumi, C.; Takiguchi, A. and Nonaka, J. RECOGNITION OF TRIOLEIN IN BLACK COD LIPID. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1167. Oct. 1978. SFA 24(2)

71-004318 Wagner, W. C. A THREE-YEAR-OLD PINK SALMON FROM LAKE SUPERIOR. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1861. 7p. 26 Oct. 1978. SFA 24(2)

71-004319 Wahlqvist, I. and S. Nilsson. ADRENERGIC CONTROL OF THE CARDIO-VASCULAR SYSTEM OF THE ATLANTIC COD, *GADUS MORHUA*, DURING "STRESS". *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 137(2):145-150. May 1980. SFA 25(3)

71-004320 Wahlqvist, I. and Nilsson, S. THE ROLE OF SYMPATHETIC FIBRES AND CIRCULATING CATECHOLAMINES IN CONTROLLING THE BLOOD PRESSURE AND HEART RATE IN THE COD, /GADUS MORHUA/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57 (1): 65-67. 1977. SFA 22(3)

71-004321 Waiwood, K. G. CHANGES IN HEMATOCRIT OF RAINBOW TROUT EXPOSED TO VARIOUS COMBINATIONS OF WATER HARDNESS, pH, AND COPPER. *Trans. Am. Fish. Soc.* 109(4):461-463. July 1980. SFA 25(4)

71-004322 Wakamatsu, Y. LIGHT-SENSITIVE FISH MELANOPHORES IN CULTURE. *J. Exp. Zool.* 204 (2): 299-304. May 1978. SFA 23(3)

71-004323 Wakeman, J. M. and Wohlschlag, D. E. SALINITY STRESS AND SWIMMING PERFORMANCE OF SPOTTED SEATROUT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:357-361. 1977[1979]. SFA 24(4)

71-004324 Wakeman, J. M. ENVIRONMENTAL EFFECTS ON METABOLIC SCOPE AND SWIMMING PERFORMANCE OF SOME ESTUARINE FISHES. *Ph.D. dissertation, Univ. Tex. (Austin)* 161p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3198. Jan. 1979. SFA 24(2)

71-004325 Wakeman, J. M. and Wohlschlag, D. E. AN APPARATUS TO STUDY THE ENERGETICS OF SWIMMING FISHES. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:67-83. 1979[1978]. SFA 24(2)

71-004326 Walesby, N. J. and I. A. Johnston. FIBRE TYPES IN THE LOCOMOTORY MUSCLES OF AN ANTARCTIC TELEOST, *NOTOTHENIA ROSSII*. *Cell Tissue Res.* 208(1):143-164. 1980. SFA 25(3)

71-004327 Walker, M. G. and Emerson, L. SUSTAINED SWIMMING SPEEDS AND MYOTOMAL MUSCLE FUNCTION IN THE TROUT, /SALMO GAIRDNERI/. *J. Fish Biol.* 13 (4): 475-481. Oct. 1978. SFA 24(1)

71-004328 Walker, R. L. and Fromm, P. O. METABOLISM OF IRON BY NORMAL AND IRON DEFICIENT RAINBOW TROUT. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (4): 311-318. 1976. SFA 22(1)

71-004329 Walker, R. M. and Johansen, P. H. THE EFFECTS OF HYPOPHYSECTOMY ON LIVER GLYCOGENOLYTIC ENZYMES AND STARVATION RESPONSE IN GOLDFISH (/CARASSIUS AURATUS/ L.). *Can. J. Zool.* 55 (8): 1297-1303. Aug. 1977. In English with French summ. SFA 22(4)

71-004330 Walker, R. M. and Johansen, P. H. ANAEROBIC METABOLISM IN GODLFISH (/CARASSIUS AURATUS/). *Can. J. Zool.* 55 (8): 1304-1311. Aug. 1977. In English with French summ. SFA 22(4)

71-004331 Wallace, R. A. and Selman, K. PHYSIOLOGICAL ASPECTS OF OOGENESIS IN TWO SPECIES OF STICKLEBACKS, /GASTEROSTEUS ACULEATUS/ L. AND /APELTES QUADRACUS/ (MITCHILL). *J. Fish Biol.* 14 (6): 551-564. June 1979. SFA 24(4)

71-004332 Wallace, R. A. and Selman, K. PHYSIOLOGY OF OOGENESIS IN THE STICKLEBACK. *Am. Zool.* 18 (3): 607. 1978. Abstract only. SFA 24(2)

71-004333 Wallace, R. K., Jr. THERMAL ACCLIMATION, UPPER TEMPERATURE TOLERANCE, AND PREFERRED TEMPERATURE OF JUVENILE YELLOWTAIL SNAPPERS, /OCYURUS CHRYSURUS/ (BLOCH) (PISCES: LUTJANIDAE). *Bull. Mar. Sci.* 27 (2): 292-298. Apr. 1977. SFA 22(3)

71-004334 Walton, M. J. and Cowey, C. B. GLUCONEOGENESIS FROM SERINE IN RAINBOW TROUT /SALMO GAIRDNERI/ LIVER. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 497-499. 1979. SFA 24(3)

71-004335 Walton, M. J. and Cowey, C. B. ASPECTS OF AMMONIOGENESIS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. B Comp. Biochem.* 57 (2): 143-149. 1977. SFA 22(3)

71-004336 Walzer, C. and Schonenberger, N. ULTRASTRUCTURE AND CYTOCHEMISTRY STUDY OF THE YOLK SYNCYTIAL LAYER IN THE ALEVIN OF TROUT (/SALMO FARIO TRUTTA/ L.) AFTER HATCHING. I. THE TELOVITELLOLYSIS ZONE. *Cell Tissue Res.* 196 (1): 59-73. 1979. SFA 24(2)

71-004337 Walzer, C. and Schonenberger, N. ULTRASTRUCTURE AND CYTOCHEMISTRY OF THE YOLK SYNCYTIAL LAYER IN THE ALEVIN OF TROUT (/SALMO FARIO TRUTTA/ L. AND /SALMO GAIRDNERI/ R.) AFTER HATCHING. II. THE CYTOPLASMIC ZONE. *Cell Tissue Res.* 196 (1): 75-93. 1979. SFA 24(2)

71-004338 Wardle, C. S. NON-RELEASE OF LACTIC ACID FROM ANAEROBIC SWIMMING MUSCLE OF PLAICE /PLEURONECTES PLATESSA/ L.: A STRESS REACTION. *J. Exp. Biol.* 77: 141-155. Dec. 1978. SFA 24(2)

71-004339 Ware, D. M. BIOENERGETICS OF STOCK AND RECRUITMENT. *Can. J. Fish. Aquatic Sci.* 37(6):1012-1024. June 1980. In English with French summ. SFA 25(3)

71-004340 Ware, D. M. BIOENERGETICS OF PELAGIC FISH: THEORETICAL CHANGE IN SWIMMING SPEED AND RATION WITH BODY SIZE. *J. Fish. Res. Board Can.* 35 (2): 220-228. Feb. 1978. In English with French summ. SFA 23(2)

71-004341 Wares, W. D. II and Igram, R. OXYGEN CONSUMPTION IN THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/ RAFINESQUE). I. EFFECTS OF WEIGHT, TEMPERATURE, GROUP SIZE, OXYGEN LEVEL AND OPERCULAR MOVEMENT RATE AS A FUNCTION OF TEMPERATURE. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (2): 351-356. 1979. SFA 24(2)

71-004342 Warner, J. A. and J. F. Case. THE ZOOGEOGRAPHY AND DIETARY INDUCTION OF BIOLUMINESCENCE IN THE MIDSHIPMAN FISH, *PORICHTHYS NOTATUS*. *Biol. Bull.* 159(1):231-246. Aug. 1980. SFA 25(4)

71-004343 Warner, M. C. and Williams, R. W. COMPARISON BETWEEN SERUM VALUES OF POND AND INTENSIVE RACEWAY CULTURED CHANNEL CATFISH /ICTALURUS PUNCTATUS/ (/RAFINESQUE/). *J. Fish Biol.* 11 (5): 385-391. Nov. 1977. SFA 23(1)

71-004344 Warner, M. C.; Diehl, S. A. and Tomb, A. M. VARIABILITY AND STABILITY OF SELECTED COMPONENTS IN RAINBOW TROUT /SALMO GAIRDNERI/ SERUM AND THE PRECISION OF AUTOMATED ANALYSIS IN MEARSURING THESE COMPONENTS. *J. Fish Biol.* 15(2):141-151. Aug. 1979. SFA 25(1)

71-004345 Warner, M. C.; Diehl, S. A. and Tomb, A. M. EFFECTS OF DILUTION AND TEMPERATURE OF ANALYSIS ON BLOOD SERUM VALUES IN RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish Biol.* 13 (3): 315-319. Sept. 1978. SFA 24(1)

71-004346 Warren, L.; Buck, C. A.; Rabinowitz, J. L. and Sherman, I. W. ISOLATION AND CHARACTERIZATION OF THE ERYTHROCYTE SURFACE MEMBRANE OF THE SMOOTH DOGFISH, /MUSTELUS CANIS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 471-479. 1979. SFA 24(3)

71-004347 Warren, M. L., Jr. and Wilson, J. L. WEIGHT LOSS DUE TO DEPRIVATION IN TWO SUBSPECIES OF LARGEMOUTH BASS. *J. Tenn. Acad. Sci.* 54 (2): 73. Apr. 1979. Abstract only. SFA 24(3)

71-004348 Wasserman, G. S. and Johnston, R. M. POISONING FROM A LIONFISH STING. *Vet. Human Toxicol.* 21(5):344-345. Oct. 1979. SFA 25(1)

71-004349 Watanabe, K. and S. Konosu. INCORPORATION OF ^{14}C-HISTIDINE INTO CARNOSINE IN THE EEL, *ANGUILLA JAPONICA*. *Bull. Jpn. Soc. Sci. Fish.* 45(12):1513-1516. Dec. 1979. SFA 25(2)

71-004350 Watanabe, S.; Shimizu, M. and Yamada, J. [EFFECTS OF STORAGE ON THE STABILITY OF SERUM SAMPLES OF THE RAINBOW TROUT. I. SODIUM, POTASSIUM, CALCIUM, MAGNESIUM AND OSMOTIC CONCENTRATIONS.] *Bull. Fac. Fish. Hokkaido Univ.* 29(1):7-18. Mar. 1978. In Japanese with English summ. SFA 24(1)

71-004351 Watanabe, T.; Kobayashi, N.; Sato, Y. and Ishizaki, Y. CONTINUOUS CELL LINE DERIVED FROM THE KIDNEY OF YAMAME, /ONCORHYNCHUS MASOU/. *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 415-418. May 1978. SFA 23(4)

71-004352 Watanabe, T.; Takeuchi, T.; Matsui, M.; Ogino, C. and Kawabata, T. EFFECT OF ALPHA-TOCOPHEROL DEFICIENCY ON CARP--VII. THE RELATIONSHIP BETWEEN DIETARY LEVELS OF LINOLEATE AND ALPHA-TOCOPHEROL REQUIREMENT. *Bull. Jpn. Soc. Sci. Fish.* 43(8):935-946. Aug. 1977. SFA 23(1)

71-004353 Watson, A. H. D. FLUORESCENT HISTOCHEMISTRY OF THE TELEOST GUT: EVIDENCE FOR THE PRESENCE OF SEROTONERGIC NEURONES. *Cell Tissue Res.* 197 (1): 155-164. 1979. SFA 24(3)

71-004354 Watson, D. and J. Bastian. FREQUENCY RESPONSE CHARACTERISTICS OF ELECTRORECEPTORS IN THE WEAKLY ELECTRIC FISH, *GYMNOTUS CARAPO*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 134(3):191-202. 1979. SFA 25(2)

71-004355 Watson, M.; Thurston, E. L. and Nicol, J. A. C. REFLECTORS IN THE LIGHT ORGAN OF /ANOMALOPS/ (ANOMALOPIDAE, TELEOSTEI). *Proc. R. Soc. Lond. B Biol. Sci.* 202 (1148): 339-351. 26 July 1978. SFA 23(4)

71-004356 Waxman, S. G. and M. J. Anderson. REGENERATION OF SPINAL ELECTROCYTE FIBERS IN *STERNARCHUS ALBIFRONS*: DEVELOPMENT OF AXON-SCHWANN CELL RELATIONSHIPS AND NODES OF RANVIER. *Cell Tissue Res.* 208(3):343-352. June 1980. SFA 25(4)

71-004357 Weaver, J. W. and Lane, H. C. ELECTROPHORETIC PATTERNS OF TROUT HEMOGLOBINS ACCORDING TO HEMOLYSATE PREPARATION. *J. Elisha Mitchell Sci. Soc.* 93 (2): 100. 1977. Abstract only. SFA 23(4)

71-004358 Webb, C. J. SMALL-SCALE CULTIVATION OF CELLS AND TISSUES FROM GOBIID TELEOSTS. *J. Mar. Biol. Assoc. U.K.* 55 (4): 933-938. Nov. 1975. SFA 22(3)

71-004359 Webb, J. T. and Brown, G. W., Jr. SOME PROPERTIES AND OCCURRENCE OF GLUTAMINE SYNTHETASE IN FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 171-175. 1976. SFA 22(1)

71-004360 Webb, P. W. ACCELERATION PERFORMANCE OF RAINBOW TROUT /SALMO GAIRDNERI/ AND GREEN SUNFISH /LEPOMIS CYANELLUS/. *J. Exp. Biol.* 63 (2): 451-465. Oct. 1975. SFA 22(2)

71-004361 Weber, R. E. and Lykkeboe, G. RESPIRATORY ADAPTATIONS IN CARP BLOOD INFUENCES OF HYPOXIA, RED CELL ORGANIC PHOSPHATES, DIVALENT CATIONS AND CO(2) ON HEMOGLOBIN-OXYGEN AFFINITY. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 128 (2): 127-137. 1978. SFA 24(2)

71-004362 Weber, R. E. and de Wilde, J. A. M. MULTIPLE HAEMOGLOBINS IN PLAICE AND FLOUNDER AND THEIR FUNCTIONAL PROPERTIES. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (3): 433-437. 1976. SFA 22(1)

71-004363 Weber, R. E.; Johansen, K.; Lykkeboe, G. and Maloiy, G. M. O. OXYGEN-BINDING PROPERTIES OF HEMOGLOBINS FROM ESTIVATING AND ACTIVE AFRICAN LUNGFISH. *J. Exp. Zool.* 199 (1): 85-96. Jan. 1977. SFA 22(3)

71-004364 Weber, R. E.; Lykkeboe, G. and Johansen, K. PHYSIOLOGICAL PROPERTIES OF EEL HAEMOGLOBIN: HYPOXIC ACCLIMATION, PHOSPHATE EFFECTS AND MULTIPLICITY. *J. Exp. Biol.* 64 (1): 75-88. Feb. 1976. SFA 22(1)

71-004365 Weber, R. E.; Wood, S. C. and Lomholt, J. P. TEMPERATURE ACCLIMATION AND OXYGEN-BINDING PROPERTIES OF BLOOD AND MULTIBLE HAEMOGLOBINS OF RAINBOW TROUT. *J. Exp. Biol.* 65 (2): 333-345. Oct. 1976. SFA 22(3)

71-004366 Wegnez, M.; Denis, H.; Mazabraud, A. and Clerot, J.-C. BIOCHEMICAL RESEARCH ON OOGENESIS. RNA ACCUMULATION DURING OOGENESIS OF THE DOGFISH /SCYLIORHINUS CANICULUS/. *Dev. Biol.* 62 (1): 99-111. Jan. 1978. SFA 24(2)

71-004367 Weihs, D. ENERGETIC SIGNIFICANCE OF CHANGES IN SWIMMING MODES DURING GROWTH OF LARVAL ANCHOVY, *ENGRAULIS MORDAX*. *NOAA Fish. Bull.* 77(3):597-604. July 1979. SFA 25(2)

71-004368 Weil, C.; Billard, R.; Breton, B. and Jalabert, B. PITUITARY RESPONSE TO LH-RH AT DIFFERENT STAGES OF GAMETOGENESIS IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 863-869. 1978. SFA 24(1)

71-004369 Weinberg, S. R.; LoBue, J.; Siegel, C. D. and Gordon, A. S. HEMATOPOIESIS OF THE KISSING GOURAMI (/HELOSTOMA TEMMINCKI/). EFFECTS OF STARVATION, BLEEDING, AND PLASMA-STIMULATING FACTORS ON ITS ERYTHROPOIESIS. *Can. J. Zool.* 54 (7): 1115-1127. July 1976. In English with French summ. SFA 21(4)

71-004370 Weintraub, M. J. THE INFLUENCE OF ACTIVITY LEVEL ON BRADYCARDIA IN TROUT (/SALMO GAIRDNERI/) DURING HYPOXIA. *J. Fish Biol.* 7 (6): 791-796. Nov. 1975. SFA 22(2)

71-004371 Weisbart, M.; Dickhoff, W. W.; Gorbman, A. and Idler, D. R. IDENTIFICATION OF CORTICOSTEROIDS IN THE PLASMAS OF THE SEA LAMPREY (/PETROMYZON MARINUS/) AND THE PACIFIC HAGFISH, (/EPTATRETUS STOUTI/). *Am. Zool.* 18 (3): 653. 1978. Abstract only. SFA 24(2)

71-004372 Weisbart, M.; Youson, J. H. and Wiebe, J. P. BIOCHEMICAL, HISTOCHEMICAL, AND ULTRASTRUCTURAL ANALYSES OF PRESUMED STEROID-PRODUCING TISSUES IN THE SEXUALLY MATURE SEA LAMPREY, /PETROMYZON MARINUS/ L. *Gen. Comp. Endocrinol.* 34 (1): 26-37. Jan. 1978. SFA 23(2)

71-004373 Weiss, R. E. and Watabe, N. STUDIES ON THE BIOLOGY OF FISH BONE--I. BONE RESORPTION AFTER SCALE REMOVAL. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (2): 207-211. 1978. SFA 23(4)

71-004374 Weiss, R. E. and Watabe, N. ULTRASTRUCTURE OF OSTEOGENESIS AND RESORPTION IN OSTEOCYTIC AND ANOSTEOCYTIC FISH BONES. *Am. Zool.* 18 (3): 622. 1978. Abstract only. SFA 24(2)

71-004375 Weiss, R. E. and Watabe, N. STUDIES ON THE BIOLOGY OF FISH BONE--II BONE MATRIX CHANGES DURING RESORPTION. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (2): 245-251. 1978. SFA 24(1)

71-004376 Weiss, R. E. THE COMPARATIVE BIOLOGY OF OSTEOGENESIS AND RESORPTION IN FISH BONE. *Ph.D. dissertation, Univ. S.C.* 192p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1154. Sept. 1978. SFA 24(1)

71-004377 Weiss, R. E.; Leeth, B. D. and Watabe, N. BONE RESORPTION IN FISH--AN ULTRASTRUCTURAL STUDY. *Bull. S.C. Acad. Sci.* 40: 91-92. 1978. Abstract only. SFA 23(3)

71-004378 Wells, R. M. RESPIRATORY ADAPTATION AND ENERGY METABOLISM IN ANTARCTIC NOTOTHENIID FISHES. *N. Z. J. Zool.* 5 (4): 813-815. Dec. 1978. SFA 24(3)

71-004379 Wendelaar Bonga, S. E. and J. C. A. Van der Meij. THE EFFECT OF AMBIENT CALCIUM ON PROLACTIN CELL ACTIVITY AND PLASMA ELECTROLYTES IN *SAROTHERODON MOSSAMBICUS (TILAPIA MOSSAMBICA)*. *Gen. Comp. Endocrinol.* 40(4):391-401. Apr. 1980. SFA 25(3)

71-004380 Wendelaar Bonga, S. E. and J. C. A. Van der Meij. THE ROLE OF ENVIRONMENTAL CALCIUM IN THE CONTROL OF PROLACTIN SECRETION IN THE TELEOST *SAROTHERODON MOSSAMBICUS (TIPAPIA MOSSAMBICA)*. *Gen. Comp. Endocrinol.* 40(3):342. Mar. 1980. Abstract only. SFA 25(2)

71-004381 Wendelaar Bonga, S. E. EFFECT OF SYNTHETIC SALMON CALCITONIN AND LOW AMBIENT CALCIUM ON PLASMA CALCIUM, ULTIMOBRANCHIAL CELLS, STANNIUS BODIES, AND PROLACTIN CELLS IN THE TELEOST *Gasterosteus aculeatus*. *Gen. Comp. Endocrinol.* 40(1):99-108. Jan. 1980. SFA 25(2)

71-004382 Wendelaar Bonga, S. E. and Greven, J. A. THE RELATIONSHIP BETWEEN PROLACTIN CELL ACTIVITY, ENVIRONMENTAL CALCIUM, AND PLASMA CALCIUM IN THE TELEOST /GASTEROSTEUS ACULEATUS/. OBSERVATIONS ON STANNIECTOMIZED FISH. *Gen. Comp. Endocrinol.* 36(1):90-101. Sept. 1978. SFA 24(2)

71-004383 Wendelaar Bonga, S. E.; Greven, J. A. and Veenhuis, M. VASCULARIZATION, INNERVATION, AND ULTRASTRUCTURE OF THE ENDOCRINE CELL TYPES OF STANNIUS CORPUSCLES IN THE TELEOST /GASTEROSTEUS ACULEATUS/. *J. Morphol.* 153 (2): 225-244. Aug. 1977. SFA 22(4)

71-004384 Westby, G. W. M. and Kirschbaum, F. EMERGENCE AND DEVELOPMENT OF THE ELECTRIC ORGAN DISCHARGE IN THE MORMYRID FISH, /POLLIMYRUS ISIDORI/. I. THE LARVAL DISCHARGE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 122 (2): 251-271. 16 Dec. 1977. SFA 23(2)

71-004385 Westby, G. W. M. and Kirschbaum, F. EMERGENCE AND DEVELOPMENT OF THE ELECTRIC ORGAN DISCHARGE IN THE MORMYRID FISH, /POLLIMYRUS ISIDORI/. II. REPLACEMENT OF THE LARVAL BY THE ADULT DISCHARGE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 127 (1): 45-59. 1978. SFA 24(1)

71-004386 Whaley, R. A.; Maughan, O. E. and Wiley, P. H. LETHALITY OF ELECTROSHOCK TO TWO FRESHWATER FISHES. *Prog. Fish-Cult.* 40 (4): 161-163. Oct. 1978. SFA 24(2)

71-004387 White, A.; Fletcher, T. C.; Towler, C. M. and Baldo, B. A. ISOLATION OF A C-REACTIVE PROTEIN-LIKE PRECIPITIN FROM THE EGGS OF THE LUMPSUCKER (/CYCLOPTERUS LUMPUS/ L.). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61(2):331-336. 1978. SFA 24(1)

71-004388 White, B. A. and Henderson, N. E. ANNUAL VARIATIONS IN THE CIRCULATING LEVELS OF THYROID HORMONES IN THE BROOK TROUT, /SALVELINUS FONTINALIS/, AS MEASURED BY RADIOIMMUNOASSAY. *Can. J. Zool.* 55 (3): 475-481. Mar. 1977. In English with French summ. SFA 22(4)

71-004389 White, J. L. X-RAY CRYSTALLOGRAPHIC STUDIES OF DOGFISH MUSCLE LACTATE DEHYDROGENASE. *Ph.D. dissertation, Purdue Univ.* 222 p. 1976. SFA 22(3)

71-004390 Whitehead, C.; N. R. Bromage; R. Harbin and A. J. Matty. OESTRADIOL-17β, CALCIUM, AND VITELLOGENIN INTERRELATIONSHIPS DURING ACCELERATED AND BIANNUAL SPAWNINGS IN THE RAINBOW TROUT. *Gen. Comp. Endocrinol.* 40(3):329-330. Mar. 1980. Abstract only. SFA 25(2)

71-004391 Whitehead, C.; Bromage, N. R. and Forster, J. R. M. SEASONAL CHANGES IN REPRODUCTIVE FUNCTION OF THE RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish Biol.* 12 (6): 601-608. June 1978. SFA 23(4)

71-004392 Whitehead, C.; Bromage, N. R.; Forster, J. R. M. and Matty, A. J. THE EFFECTS OF ALTERATIONS IN PHOTOPERIOD ON OVARIAN DEVELOPMENT AND SPAWNING TIME IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 1035-1043. 1978. SFA 24(1)

71-004393 Whitfield, A. K. and Blaber, S. J. M. THE EFFECTS OF TEMPERATURE AND SALINITY ON /TILAPIA RENDALLI/ BOULENGER 1896. *J. Fish Biol.* 9 (2): 99-104. Aug. 1976. SFA 22(2)

71-004394 Whiting, S. J. and Wiggs, A. J. EFFECT OF SEXUAL MATURATION AND ESTRADIOL-17-BETA ON LIVER GLYCOGEN AND TYROSINE AMINOTRANSFERASE ACTIVITY OF BROOK TROUT, /SALVELINUS FONTINALIS/ MITCHILL. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 463-465. 1978. SFA 23(4)

71-004395 Wickelgren, W. O. POST-TETANIC POTENTIATION, HABITUATION AND FACILITATION OF SYNAPTIC POTENTIALS IN RETICULOSPINAL NEURONES OF LAMPREY. *J. Physiol.* 270(1):115-131. Aug. 1977. SFA 22(4)

71-004396 Wickelgren, W. O. PHYSIOLOGICAL AND ANATOMICAL CHARACTERISTICS OF RETICULOSPINAL NEURONES IN LAMPREY. *J. Physiol.* 270(1):89-114. Aug. 1977. SFA 22(4)

71-004397 Wiegand, M. D. and R. E. Peter. EFFECTS OF SALMON GONADOTROPHIN (SG-G100) ON PLASMA LIPIDS IN THE GOLDFISH, *CARASSIUS AURATUS*. *Can. J. Zool.* 58(6):957-966. June 1980. In English with French summ. SFA 25(3)

71-004398 Wiegand, M. D. and R. E. Peter. EFFECTS OF TESTOSTERONE, OESTRADIOL-17β AND FASTING ON PLASMA FREE FATTY ACIDS IN THE GOLDFISH, *CARASSIUS AURATUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(2):323-326. 1980. SFA 25(3)

71-004399 Wiegand, M. D. and R. E. Peter. EFFECTS OF SEX STEROIDS ON PLASMA LIPIDS IN THE GOLDFISH, *CARASSIUS AURATUS*. *Can. J. Zool.* 58(6):967-972. June 1980. In English with French summ. SFA 25(3)

71-004400 Wiegand, M. D. and Peter, R. E. EFFECTS OF SEX STERIODS ON PLASMA LIPIDS IN GOLDFISH. *Am. Zool.* 18 (3): 668. 1978. Abstract only. SFA 24(2)

71-004401 Wigham, T. and Ball, J. N. EFFECT OF ENVIRONMENTAL SALINITY CHANGES ON THE SECRETORY ACTIVITY OF PROLACTIN CELLS IN OCULAR PITUITARY TRANSPLANTS IN /POECILIA LATIPINNA/ (TELEOSTEI). *Gen. Comp. Endocrinol.* 31 (1): 148-153. Jan. 1977. SFA 22(3)

71-004402 Wigham, T.; Nashioka, R. S. and Bern, H. A. FACTORS AFFECTING /IN VITRO/ ACTIVITY OF PROLACTIN CELLS IN THE EURYHALINE TELEOST /SAROTHERODON MOSSAMBICUS (TILAPIA MOSSAMBICA). *Gen. Comp. Endocrinol.* 32 (2): 120-131. June 1977. SFA 22(4)

71-004403 Williams, D. R. and Giesy, J. P., Jr. RELATIVE IMPORTANCE OF FOOD AND WATER SOURCES TO CADMIUM UPTAKE BY /GAMBUSIA AFFINIS/ (POECILIIDAE). *Trans. Ill. State Acad. Sci.* 70 (2): 211. 1977. Abstract only. SFA 24(1)

71-004404 Williams, G. C. VIABLE EMBRYOGENESIS OF THE WINTER FLOUNDER /PSEUDOPLEURONECTES AMERICANUS/ FROM -1.8° TO 15°C. *Mar. Biol.* 33(1):71-74. 10 Nov. 1975. SFA 22(2)

71-004405 Williams, I. V. PART I. INVESTIGATION OF THE PRESPAWNING MORTALITY OF SOCKEYE IN CHILKO RIVER IN 1971. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 35. (Part I): 22p. 1977. SFA 22(4)

71-004406 Wills, R. B. H. and Hopkirk, G. DISTRIBUTION AND FATTY ACID COMPOSITION OF LIPIDS OF EELS (/ANGUILLA AUSTRALIS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (4): 525-527. 1976. SFA 22(1)

71-004407 Windell, J. T.; Foltz, J. W. and Sarokon, J. A. METHODS OF FECAL COLLECTION AND NUTRIENT LEACHING IN DIGESTIBILITY STUDIES. *Prog. Fish-Cult.* 40 (2): 51-55. Apr. 1978. SFA 23(3)

71-004408 Windell, J. T.; Kitchell, J. F.; Norris, D. O.; Norris, J. S. and Foltz, J. W. TEMPERATURE AND RATE OF GASTRIC EVACUATION BY RAINBOW TROUT, /SALMO GAIRDNERI/. *Trans. Am. Fish. Soc.* 105 (6): 712-717. Nov. 1976. SFA 22(1)

71-004409 Wingfield, J. C. and Grimm, A. S. SEASONAL CHANGES IN PLASMA CORTISOL, TESTOSTERONE AND OESTRADIOL-17 BETA IN THE PLAICE, /PLEURONECTES PLATESSA/ L. *Gen. Comp. Endocrinol.* 31 (1): 1-11. Jan. 1977. SFA 22(3)

71-004410 Winstead, J. T. A SIMPLE METHOD TO OBTAIN SERUM FROM SMALL FISH. *NOAA Fish. Bull.* 77(2):509-511. Apr. 1979. SFA 25(1)

71-004411 Wirtz, P. and Davenport, J. INCREASED OXYGEN CONSUMPTION IN BLENNIES (/BLENNIUS PHOLIS/ L.) EXPOSED TO THEIR MIRROR IMAGES. *J. Fish Biol.* 9 (1): 67-74. July 1976. SFA 22(1)

71-004412 Wittenberg, J. B.; D. E. Copeland; R. L. Haedrich and J. S. Child. THE SWIMBLADDER OF DEEP-SEA FISH: THE SWIMBLADDER WALL IS A LIPID-RICH BARRIER TO OXYGEN DIFFUSION. *J. Mar. Biol. Assoc. U.K.* 60(2):263-276. May 1980. SFA 25(3)

71-004413 Wittenberger, C. and Coprean, D. SOME EFFECTS OF DENERVATION UPON WHITE AND RED MUSCLES IN CARP. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (3): 307-312. 1977. SFA 22(3)

71-004414 Wohlschlag, D. E. and Wakeman, J. M. SALINITY STRESSES, METABOLIC RESPONSES AND DISTRIBUTION OF THE COASTAL SPOTTED SEATROUT, /CYNOSCION NEBULOSUS/. *Contrib. Mar. Sci.* 21:171-185. Aug. 1978. SFA 24(1)

71-004415 Woiwode, J. G. SEX REVERSAL OF /TILAPIA ZILLII/ BY INGESTION OF METHYLTERTOSTERONE. *Philipp. Bur. Fish. Aquatic Resour. Tech. Pap. Ser.* 1 (3): 1-5. May 1977. SFA 23(1)

71-004416 Wolburg, H. GROWTH AND MYELINATION OF GOLDFISH OPTIC NERVE FIBERS AFTER RETINA REGENERATION AND NERVE CRUSH. *Z. Naturforsch. Sect. C Biosci.* 33 (11/12): :988-996. Nov.-Dec. 1978. SFA 24(2)

71-004417 Wold, J. K. and Selset, R. GLYCOPROTEINS IN THE SKIN MUCUS OF THE CHAR (/SALMO ALPINUS/ L.)--II PRODUCTION OF MUCUS AFTER DEATH OF FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 61 (2): 271-273. 1978. SFA 24(1)

71-004418 Wold, J. K. and Selset, R. GLYCOPROTEINS IN THE SKIN MUCUS OF THE CHAR (/SALMO ALPINUS/ L.). *Comp. Biochem. Physiol. B Comp. Biochem.* 56(3):215-218. 1977. SFA 22(3)

71-004419 Wolters, W. R. and Bulow, F. J. THE INFLUENCE OF TEMPERATURE ON FEEDING-GROWTH RELATIONSHIPS OF THE BLUEGILL, /LEPOMIS MACROCHIRUS/. *J. Tenn. Acad. Sci.* 53 (2): 74-75. Apr. 1978. Abstract only. SFA 23(3)

71-004420 Wong, T. M. and Chan, D. K. O. PHYSIOLOGICAL ADJUSTMENTS TO DILUTION OF THE EXTERNAL MEDIUM IN THE LIP-SHARK /HEMISCYLLIUM PLAGIOSUM/ (BENNETT/). II. BRANCHIAL, RENAL AND RECTAL GLAND FUNCTION. *J. Exp. Zool.* 200 (1): 85-96. Apr. 1977. SFA 22(3)

71-004421 Woo, N. Y. S.; Bern, H. A. and Nishioka, R. S. CHANGES IN BODY COMPOSITION ASSOCIATED WITH SMOLTIFICATION AND PREMATURE TRANSFER TO SEAWATER IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND KING SALMON (/O. TSHAWYTSCHA/). *J. Fish Biol.* 13 (4): 421-428. Oct. 1978. SFA 24(1)

71-004422 Wood, C. M. and Caldwell, F. H. RENAL REGULATION OF ACID-BASE BALANCE IN A FRESHWATER FISH. *J. Exp. Zool.* 205 (2): 301-307. Aug. 1978. SFA 23(4)

71-004423 Wood, C. M. and Shelton, G. PHYSICAL AND ADRENERGIC FACTORS AFFECTING SYSTEMIC VASCULAR RESISTANCE IN THE RAINBOW TROUT: A COMPARISON WITH BRANCHIAL VASCULAR RESISTANCE. *J. Exp. Biol.* 63 (2): 505-523. - Oct. 1975. SFA 22(2)

71-004424 Wood, C. M. CHOLINERGIC MECHANISMS AND THE RESPONSE TO ATP IN THE SYSTEMIC VASCULATURE OF THE RAINBOW TROUT. *J. Comp. Physiol. B Metab. Transp. Funct.* 122 (3): 325-345. 21 Dec. 1977. SFA 23(2)

71-004425 Wood, C. M.; McMahon, B. R. and McDonald, D. G. AN ANALYSIS OF CHANGES IN BLOOD PH FOLLOWING EXHAUSTING ACTIVITY IN THE STARRY FLOUNDER, /PLATICHTHYS STELLATUS/. *J. Exp. Biol.* 69: 173-185. Aug. 1977. SFA 23(1)

71-004426 Wood, C. M.; McMahon, B. R. and McDonald, D. G. RESPIRATORY GAS EXCHANGE IN THE RESTING STARRY FLOUNDER, /PLATICHTHYS STELLATUS/: A COMPARISON WITH OTHER TELEOSTS. *J. Exp. Biol.* 78: 167-179. Feb. 1979. SFA 24(3)

71-004427 Wood, C. M.; P. Pieprzak and J. N. Trott. THE INFLUENCE OF TEMPERATURE AND ANAEMIA ON THE ADRENERGIC AND CHOLINERGIC MECHANISMS CONTROLLING HEART RATE IN THE RAINBOW TROUT. *Can. J. Zool.* 57(12):2440-2447. Dec. 1979. In English with French summ. SFA 25(2)

71-004428 Wood, M. R. and Cohen, M. J. SYNAPTIC REGENERATION IN IDENTIFIED NEURONS OF THE LAMPREY SPINAL CORD. *Science* 206(4416):344-347. 19 Oct. 1979. SFA 25(1)

71-004429 Woodhead, A. D.; Achey, P.; Setlow, R. B. and Grist, E. PHOTOENZYMATIC REPAIR OF ULTRAVIOLET-IRRADIATED DNA IN THE CELLS OF A SHARK, /PRIONACE GLAUCA/. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (3): 205-208. 1978. SFA 23(4)

71-004430 Woodward, J. J.; Casillas, E.; Smith, L. S. and D'Aoust, B. G. RAPID DECOMPRESSION STRESS ACCELERATES FIBRINOLYSIS IN FINGERLING SALMON. *J. Fish. Res. Board Can.* 36 (5): 592-594. May 1979. In English with French summ. SFA 24(3)

71-004431 Woosley, J. T. and Linton, J. R. ISOLATION AND CHARACTERIZATION OF PROLACTIN FROM THE GREY MULLET, /MUGIL CEPHALUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (1): 133-137. 1976. SFA 22(1)

71-004432 Wootton, R. J. and Mills, L. A. ANNUAL CYCLE IN FEMALE MINNOWS /PHOXINUS PHOXINUS/ (L.) FROM AN UPLAND WELSH LAKE. *J. Fish Biol.* 14 (6): 607-618. June 1979. SFA 24(4)

71-004433 Wootton, R. J. EFFECT OF FOOD LIMITATION DURING THE BREEDING SEASON ON THE SIZE, BODY COMPONENTS AND EGG PRODUCTION OF FEMALE STICKLEBACKS (/GASTEROSTEUS ACULEATUS/). *J. Anim. Ecol.* 46 (3): 823-834. Oct. 1977. SFA 23(2)

71-004434 Wootton, R. J. and Evans, G. W. COST OF EGG PRODUCTION IN THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/ L.). *J. Fish Biol.* 8 (5): 385-395. May 1976. SFA 22(1)

71-004435 Wright, G. M. and J. H. Youson. VARIATION IN SERUM LEVELS OF THYROXINE IN ANADROMOUS LARVAL LAMPREYS, *PETROMYZON MARINUS* L. *Gen. Comp. Endocrinol.* 41(3):321-324. July 1980. SFA 25(4)

71-004436 Wright, G. M. and Youson, J. H. SERUM THYROXINE CONCENTRATIONS IN LARVAL AND METAMORPHOSING ANADROMOUS SEA LAMPREY, /PETROMYZON MARINUS/ L. *J. Exp. Zool.* 202 (1): 27-32. Oct. 1977. SFA 23(1)

71-004437 Wright, G. M. THE ENDOSTYLE, THYROID, AND METAMORPHOSIS IN THE ANADROMOUS SEA LAMPREY, *PETROMYZON MARINUS* L. *Ph.D. dissertation, Univ. Toronto (Canada)* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(8):3623. Feb. 1980. SFA 25(2)

71-004438 Wright, G. M.; Filosa, M. F. and Youson, J. H. LIGHT AND ELECTRON MICROSCOPIC IMMUNOCYTOCHEMICAL LOCALIZATION OF THYROGLOBULIN IN THE THYROID GLAND OF THE ANADROMOUIS SEA LAMPREY, /PETROMYZON MARINUS/ L., DURING ITS UPSTREAM MIGRATION. *Cell Tissue Res.* 187 (3): 473-478. 1978. SFA 23(3)

71-004439 Wright, M. I. and Davis, K. B. EFFECT OF ACCLIMATION TEMPERATURE ON MALATE DEHYDROGENASE ACTIVITY IN CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Tenn. Acad. Sci.* 53 (2): 73-74. Apr. 1978. Abstract only. SFA 23(3)

71-004440 Wu, S. M. and Dowling, J. E. L-ASPARTATE: EVIDENCE FOR A ROLE IN CONE PHOTORECEPTOR SYNAPTIC TRANSMISSION IN THE CARP RETINA. *Proc. Natl. Acad. Sci. U.S.A.* 75 (10): 5205-5209. Oct. 1978. SFA 24(1)

71-004441 Wunder, W. EXPERIMENTELLE UNTERSUCHUNGEN ZUR FRAGE DER REGENERATION DER MAENNLICHEN UND WEIBLICHEN KEIMDRUESEN (GONADEN) BEI DER REGENBOGENFORELLE (/SALMO IRIDEUS/ W. GIBB.). [EXPERIMENTAL INVESTIGATIONS ON THE QUESTION OF REGENERATION OF THE MALE AND FEMALE REPRODUCTIVE GLANDS (GONADES) OF THE RAIN BOW TROUT (/SALMO IRIDEUS/ W. GIBB.).] *Zool. Anz.* 198 (3-4): 245-262. 1977. In German with English summ. SFA 22(4)

71-004442 Wydoski, R. S. and Wedemeyer, G. A. PROBLEMS IN THE PHYSIOLOGICAL MONITORING OF WILD FISH POPULATIONS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 200-214. 1976. SFA 23(2)

71-004443 Wydoski, R. S.; Wedemeyer, G. A. and Nelson, N. C. PHYSIOLOGICAL RESPONSE TO HOOKING STRESS IN HATCHERY AND WILD RAINBOW TROUT (/SALMO GAIRDNERI/). *Trans. Am. Fish. Soc.* 105 (5): 601-606. Sept. 1976. SFA 21(4).

71-004444 Wyllie, M. C.; Holmstrom, E. R. and Wallace, R. K. TEMPERATURE PREFERENCE, AVOIDANCE, SHOCK, AND SWIM SPEED STUDIES WITH MARINE AND ESTUARINE ORGANISMS FROM NEW JERSEY. *Ichthyol. Assoc. Inc. Bull.* No. 15. iv + 76p. Aug. 1976. SFA 24(2)

71-004445 Yabe, K.; Nakamura, K.; Suzuki, M. and Ito, Y. [THERMO-STABILITY AND OTHER PROPERTIES OF ACTOMYOSINS OF FRIGID WATER FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1345-1350. Dec. 1978. In Japanese with English summ. SFA 24(2)

71-004446 Yadav, A. N.; Sharma, S. N.; Guha, G. and Singh, B. R. BLOOD PARAMETERS OF TWO HILL STREAM COBITIDS IN RELATION TO THEIR HABITAT. *Hydrobiologia* 60 (1): 75-79. 14 July 1978. SFA 23(4)

71-004447 Yadav, M. and Ooi, H. S. D. EFFECT OF PHOTOPERIOD ON THE INCORPORATION OF ^{3}H-THYMIDINE INTO THE GONADS OF /CARASSIUS AURATUS/. *J. Fish Biol.* 11(5):409-416. Nov. 1977. SFA 23(1)

71-004448 Yakovleva, I. V. and N. A. Yefimova. COMPARATIVE DETERMINATION OF THYROTROPIC HORMONE IN THE PITUITARY OF *ACIPENSER GULDENSTADTI* LARVAE AND FINGERLINGS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):807-815. 1978. SFA 25(2)

71-004449 Yakovleva, K. K. and Shul'man, G. Ye. THE RATIO BETWEEN LIPID CONTENT AND MOISTURE CONTENT IN THE LIVER AND MUSCLES OF THE SCORPIONFISH (/SCORPAENA PORCUS/). *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1037-1038. 1976. SFA 23(3)

71-004450 Yamagami, K. RELATIONSHIP BETWEEN TWO KINDS OF HATCHING ENZYMES IN THE HATCHING LIQUID OF THE MEDAKA, /ORYZIAS LATIPES/. *J. Exp. Zool.* 192 (1): 127-132. Apr. 1975. SFA 22(2)

71-004451 Yamaguchi, K.; N. Takeda; K. Ogawa and K. Hashimoto. [PROPERTIES OF MACKEREL AND SARDINE MYOGLOBINS]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1335-1339. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-004452 Yamaguchi, K.; T. Yufu and S. Kanoh. A PIGMENT IN THE BLUE-GREEN VERTEBRAE OF A BIG-EYED TUNA *PARATHUNNUS SIBI*. *Bull. Jpn. Soc. Sci. Fish.* 46(4):513. Apr. 1980. SFA 25(4)

71-004453 Yamamoto, K.; Y. Itazawa and H. Kobayashi. SUPPLY OF ERYTHROCYTES INTO THE CIRCULATING BLOOD FROM THE SPLEEN OF EXERCISED FISH. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(1):5-11. 1980. SFA 25(2)

71-004454 Yamamoto, M. and Hirano, T. MORPHOLOGICAL CHANGES IN THE ESOPHAGEAL EPITHELIUM OF THE EEL, /ANGUILLA JAPONICA/, DURING ADAPTATION TO SEAWATER. *Cell Tissue Res.* 192 (1): 25-38. 1978. SFA 24(1)

71-004455 Yamamoto, Y.; Ishii, T. and Ikeda, S. [STUDIES ON COPPER METABOLISM IN FISHES--III. EXISTENCE OF METALLOTHIONEIN-LIKE PROTEIN IN CARP HEPATOPANCREAS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (2): 149-153. Feb. 1978. In Japanese with English summ. SFA 23(3)

71-004456 Yamamoto, Y.; Sato, M. and Ikeda, S. EXISTENCE OF L-GULONOLACTONE OXIDASE IN SOME TELEOSTS. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 775-779. July 1978. SFA 24(1)

71-004457 Yamamoto, Y.; Sato, M. and Ikeda, S. BIOCHEMICAL STUDIES ON L-ASCORBIC ACID IN AQUATIC ANIMALS--VII. REDUCTION OF DEHYDRO-L-ASCORBIC ACID IN FISHES. *Bull. Jpn. Soc. Sci. Fish.* 43 (1): 53-57. Jan. 1977. SFA 22(3)

71-004458 Yamamoto, Y.; Sato, M. and Ikeda, S. BIOCHEMICAL STUDIES ON L-ASCORBIC ACID IN AQUATIC ANIMALS--VIII. PURIFICATION AND PROPERTIES OF DEHYDRO-L-ASCORBIC ACID REDUCTASE FROM CARP HEPATOPANCREAS. *Bull. Jpn. Soc. Sci. Fish.* 43 (1): 59-67. Jan. 1977. SFA 22(3)

71-004459 Yamamoto, Y.; Sato, M. and Ikeda, S. BIOCHEMICAL STUDIES ON L-ASCORBIC ACID IN AQUATIC ANIMALS--IX. EXISTENCE OF DEHYDROASCORBATASE IN CARP HEPATOPANCREAS. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 449-453. Apr. 1977. SFA 22(4)

71-004460 Yamanaka, H.; Nakagawasai, T.; Kikuchi, T. and Amano, K. [STUDIES ON THE CONTRACTION OF CARP MUSCLE.--I. REMARKABLE DIFFERENCES BETWEEN /RIGOR MORTIS/ AND THAW /RIGOR/.] *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1123-1126. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-004461 Yamane, S. and Yamada, J. HISTOLOGICAL CHANGES OF THE ULTIMOBRANCHIAL GLAND THROUGH THE LIFE HISTORY OF THE /MASU/ SALMON. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 375-386. Apr. 1977. SFA 22(4)

71-004462 Yamane, S. HISTOLOGY AND FINE STRUCTURE OF THE ULTIMOBRANCHIAL GLAND IN THE ZEBRAFISH, /BRACHYDANIO RERIO/. *Bull. Fac. Fish. Hokkaido Univ.* 29 (3): 213-221. Sept. 1978. SFA 24(3)

71-004463 Yamashita, Y.; Arai, K. and Nishita, K. [THERMO-STABILITIES OF SYNTHETIC ACTOMYOSINS IN VARIOUS COMBINATIONS OF MYOSIN AND ACTIN FROM FISH, SCALLOP, AND RABBIT MUSCLES.] *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 485-489. May 1978. In Japanese with English summ. SFA 23(4)

71-004464 Yamauchi, H.; Matsuo, M.; Yoshida, A. and Orimo, H. EFFECT OF EEL CALCITONIN ON SERUM ELECTROLYTES IN THE EEL /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 34 (3): 343-346. Mar. 1978. SFA 23(3)

71-004465 Yamauchi, H.; Orimo, H.; Yamauchi, K.; Takano, K. and Takahashi, H. INCREASED CALCITONIN LEVELS DURING OVARIAN DEVELOPMENT IN THE EEL, /ANGUILLA JAPONICA/. *Gen. Comp. Endocrinol.* 36 (4): 526-529. Dec. 1978. SFA 24(3)

71-004466 Yanagawa, H. EMBRYONIC DEVELOPMENT AND FRY OF THE KYURIUO, /OSMERUS EPERLANUS MORDAX/ (MITCHILL). *Bull. Fac. Fish. Hokkaido Univ.* 29 (3): 195-198. Sept. 1978. SFA 24(3)

71-004467 Yanagisawa, T.; Hashimoto, K. and Matsuura, F. OCCURRENCE OF MULTIPLE ALBUMINS IN CARP BLOOD PLASMA. *Bull. Jpn. Soc. Sci. Fish.* 43 (10): 1219-1228. Oct. 1977. SFA 23(2)

71-004468 Yanagisawa, T.; Hashimoto, K. and Matsuura, F. METHEMALBUMIN-FORMING AND HEMATIN-BINDING ABILITIES OF CARP PLASMA ALBUMINS. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 373-378. Apr. 1978. SFA 23(4)

71-004469 Yancey, P. H. and G. N. Somero. METHYLAMINE OSMOREGULATORY SOLUTES OF ELASMOBRANCH FISHES COUNTERACT UREA INHIBITION OF ENZYMES. *J. Exp. Zool.* 212(2):205-213. May 1980. SFA 25(4)

71-004470 Yancey, P. H. and Somero, G. N. UREA-REQUIRING LACTATE DEHYDROGENASES OF MARINE ELASMOBRANCH FISHES. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 125 (2): 135-141. 24 May 1978. SFA 23(4)

71-004471 Yano, T. and Ishio, S. STEROID HORMONE METABOLITES IN FISH URINE--I. IDENTIFICATION OF ANDROSTERONE, ETIOCHOLANOLONE, AND DEHYDROEPIANDROSTERONE ISOLATED FROM THE URINE OF CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 1023-1028. Sept. 1978. SFA 24(1)

71-004472 Yano, T. and Ishio, S. STEROID HORMONE METABOLITES IN FISH URINE. II. IDENTIFICATION OF PREGNANEDIOL, PREGNANETRIOL AND ANDROSTENEDIOL ISOLATED FROM THE URINE OF CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1399-1404. Dec. 1978. SFA 24(2)

71-004473 Yano, T. and Ishio, S. STEROID HORMONE METABOLITES IN FISH URINE. III. CORTICOSTEROID METABOLITES IN CARP URINE. *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1405-1410. Dec. 1978. SFA 24(2)

71-004474 Yaron, Z. and Z. Ilan. STIMULATION OF CORTISOL SECRETION FROM SUPERFUSED INTERRENAL TISSUE OF *TILAPIA AUREA* BY ACTH OR DB cAMP. *Gen. Comp. Endocrinol.* 40(3):349. Mar. 1980. Abstract only. SFA 25(2)

71-004475 Yaron, Z.; Terkatin-Shimony, A.; Shaham, Y. and Salzer, H. OCCURRENCE AND BIOLOGICAL ACTIVITY OF ESTRADIOL-17BETA IN THE INTACT AND OVARIECTOMIZED /TILAPIA AUREA/ (CICHLIDAE, TELEOSTEI/). *Gen. Comp. Endocrinol.* 33 (1): 45-52. Sept. 1977. SFA 23(1)

71-004476 Yarzhombek, A. A. and V. I. Rozhdestvenskaya. FATIGUE AND ELECTRICALLY INDUCED FATIGUE IN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):832-838. 1978. SFA 25(2)

71-004477 Yarzhombek, A. A.; Klyashtorin, L. B. and Podrazhanskaya, S. G. ACTIVE METABOLISM IN FISH. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8 (1): 49-58. Jan.-Feb. 1977. SFA 23(2)

71-004478 Yarzhombek, A. A. and Klyashtorin, L. B. THE RELATIONSHIP BETWEEN STANDARD METABOLISM AND RESTING METABOLISM IN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 439-443. 1974. SFA 21(2).

71-004479 Yasumoto, T.; Nakajima, I.; Bagnis, R. and Chungue, E. TOXINS IN THE GUT CONTENTS OF PARROTFISH. *Bull. Jpn. Soc. Sci. Fish.* 43(1):69-74. Jan. 1977. SFA 22(3)

71-004480 Yershov, Yu. V.; N. I. Silkina and V. R. Mikryakov. THE USE OF A HEXANE-CHLOROFORM MIXTURE TO DETERMINE TOTAL LIPID CONTENT IN THE BLOOD SERUM OF FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):164-167. 1979. SFA 25(4)

71-004481 Yolen, N. M. VISUAL DISCRIMINATION AFTER ABLATION OF THE CAUDAL OPTIC TECTUM IN THE GOLDFISH, /CARASSIUS AURATUS/. *Ph. D. dissertation, Univ. Md.* 83p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(12), 1977. SFA 22(3)

71-004482 Yoneda, T. [ON AMINO ACIDS IN THE DEVELOPING EGGS OF CHUM SALMON, /ONCORHYNCHUS KETA/.] *Bull. Fac. Fish. Hokkaido Univ.* 28(1):29-39. Apr. 1977. In Japanese with English summ. SFA 22(4)

71-004483 Yoneda, T.; Yamazaki, F. and Ishihara, Y. AMINO ACID COMPOSITION OF CHUM SALMON GONADOTROPIN. *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1451-1454. Dec. 1977. SFA 23(2)

71-004484 Yorke, M. A. and D. B. McMillan. NATURE AND CELLULAR ORIGIN OF THE ADHESIVE COATS OF THE LAMPREY EGG *(PETROMYZON MARINUS)*. *J. Morphol.* 162(3):313-326. Dec. 1979. SFA 25(2)

71-004485 Yoshii, K.; M. Kashiwayanagi; K. Kurihara and Y. Kobatake. HIGH SENSITIVITY OF THE EEL PALATINE RECEPTORS TO CARBON DIOXIDE. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(2):327-330. 1980. SFA 25(3)

71-004486 Yoshikawa, H. and M. Oguri. GONADAL SEX DIFFERENTIATION IN THE MEDAKA, *ORYZIAS LATIPES*, WITH SPECIAL REGARD TO THE GRADIENT OF THE DIFFERENTIATION OF TESTES. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1115-1121. Sept. 1979. SFA 25(2)

71-004487 Yoshikawa, H. and Oguri, M. SEX DIFFERENTIATION IN A CICHLID, /TILAPIA ZILLII/. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 313-318. Apr. 1978. SFA 23(4)

71-004488 Yoshikawa, H. and Oguri, M. EFFECTS OF STEROID HORMONES ON THE SEX DIFFERENTIATION IN A CICHLID FISH, /TILAPIA ZILLII/. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1093-1097. Oct. 1978. SFA 24(2)

71-004489 Yoshinaka, R.; Sato, M. and Ikeda, S. PARTICIPATION OF COLLAGENASE IN THE DIGESTION OF COLLAGEN BY RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 639-641. June 1978. SFA 23(4)

71-004490 Yoshinaka, R.; Sato, M. and Ikeda, S. DISTRIBUTION OF COLLAGENASE IN THE DIGESTIVE ORGANS OF SOME TELEOSTS. *Bull. Jpn. Soc. Sci. Fish.* 44 (3): 263-267. Mar. 1978. SFA 23(3)

71-004491 Yoshinaka, R.; Sato, M. and Ikeda, S. /IN VITRO/ FORMATION OF COLLAGEN IN SKIN OF ASCORBIC ACID-DEFICIENT RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1147-1150. Oct. 1978. SFA 24(2)

71-004492 Yoshiyasu, K. STARCH-GEL ELECTROPHORESIS OF HEMOGLOBINS OF FRESHWATER SALMONID FISHES IN SOUTHWEST JAPAN--III. "AYU" /PLECOGLOSSUS ALTIVELIS/, A FISH CLOSELY RELATED TO SALMONIDAE. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 401-406. Mar. 1979. SFA 24(4)

71-004493 Young, G. and J. N. Ball. EFFECTS OF LH-RH ON THE ULTRASTRUCTURE OF THE GONADOTROPHIC CELLS OF THE PITUITARY OF *POECILIA LATIPINNA* (TELEOSTEI) IN VIVO AND IN VITRO. *Gen. Comp. Endocrinol.* 40(3):341-342. Mar. 1980. Abstract only. SFA 25(2)

71-004494 Young, J. Z. NERVOUS CONTROL OF GUT MOVEMENTS IN *LOPHIUS*. *J. Mar. Biol. Assoc. UK* 60(1):19-30. Feb. 1980. SFA 25(2)

71-004495 Young, J. Z. NERVOUS CONTROL OF STOMACH MOVEMENTS IN DOGFISHES AND RAYS. *J. Mar. Biol. Assoc. UK* 60(1):1-17. Feb. 1980. SFA 25(2)

71-004496 Young, R. E. and Roper, C. F. E. INTENSITY REGULATION OF BIOLUMINESCENCE DURING COUNTERSHADING IN LIVING MIDWATER ANIMALS. *NOAA Fish. Bull.* 75 (2): 239-252. Apr. 1977. SFA 22(3)

71-004497 Youson, J. H. ABSORPTION AND TRANSPORT OF EXOGENOUS PROTEIN IN THE ARCHINEPHRIC DUCT OF THE OPISTHONEPHRIC KIDNEY OF THE SEA LAMPREY, /PETROMYZON MARINUS/ L. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (4): 639-643. Dec. 1975. SFA 22(1)

71-004498 Youson, J. H.; Lee, J. and Potter, I. C. THE DISTRIBUTION OF FAT IN LARVAL, METAMORPHOSING, AND YOUNG ADULT ANADROMOUS SEA LAMPREYS, /PETROMYZON MARINUS/ L. *Can. J. Zool.* 57 (1): 237-246. Jan. 1979. In English with French summ. SFA 24(2)

71-004499 Youson, J. H.; Wright, G. M. and Ooi, E. C. THE TIMING OF CHANGES IN SEVERAL INTERNAL ORGANS DURING METAMORPHOSIS OF ANADROMOUS LARVAL LAMPREY /PETROMYZON MARINUS/ L. *Can. J. Zool.* 55 (2): 469-473. Feb. 1977. In English with French summ. SFA 22(4)

71-004500 Yu, J. Y.-L.; W. W. Dickhoff; Y. Inui and A. Gorbman. SEXUAL PATTERNS OF PROTEIN METABOLISM IN LIVER AND PLASMA OF HAGFISH, *EPTATRETUS STOUTI* WITH SPECIAL REFERENCE TO VITELLOGENESIS. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(1):111-117. 1980. SFA 25(2)

71-004501 Zaugg, W. S. and McLain, L. R. INFLUENCE OF WATER TEMPERATURE ON GILL SODIUM, POTASSIUM-STIMULATED ATPASE ACTIVITY IN JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (4): 419-421. 1976. SFA 22(1)

71-004502 Zeissig, J. E. MECHANISM OF SENSITIVITY CONTROL IN THE GOLDFISH RETINA. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 144p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3578. Feb. 1977. SFA 23(3)

71-004503 Zeitoun, I. H.; Ullrey, D. E.; Bergen, W. G. and Magee, W. T. MINERAL METABOLISM DURING THE ONTOGENESIS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (11): 2587-2591. Nov. 1976. In English with French summ. SFA 21(4).

71-004504 Zeitoun, I. H.; Ullrey, D. E.; Bergen, W. G. and Magee, W. T. DNA, RNA, PROTEIN, AND FREE AMINO ACIDS DURING ONTOGENESIS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (1): 83-88. Jan. 1977. In English with French summ. SFA 22(2)

71-004505 Zelnik, P. R.; Hornsey, D. J. and Hardisty, M. W. INSULIN AND GLUCAGON-LIKE IMMUNOREACTIVITY IN THE RIVER LAMPREY (/LAMPETRA FLUVIATILIS/). *Gen. Comp. Endocrinol.* 33 (1): 53-60. Sept. 1977. SFA 23(1)

71-004506 Zelson, P. R. and Cagan, R. H. BIOCHEMICAL STUDIES OF TASTE SENSATION--VIII. PARTIAL CHARACTERIZATION OF ALANINE-BINDING TASTE RECEPTOR SITES OF CATFISH /ICTALURUS PUNCTATUS/ USING MERCURIALS, SULFHYDRYL REAGENTS, TRYSIN AND PHOSPHOLIPASE C. *Comp. Biochem. Physiol. B Comp. Biohcem.* 64(2):141-147. 1979. SFA 25(1)

71-004507 Zeman, M. E.; Winningham, J. R. and Bulow, F. J. SEASONAL VARIATIONS IN LIVER AND MUSCLE RNA-DNA RATIOS OF THE BLUEGILL, /LEPOMIS MACROCHIRUS/. *J. Tenn. Acad. Sci.* 53 (2): 75. Apr. 1978. Abstract only. SFA 23(3)

71-004508 Zhitenev, A. N.; Kalinin, D. S. and Abayev, Yu. I. THE STATE OF THE GONADS OF THE STRIPED MULLET [/MUGIL CEPHALUS/] AND THE SHARPNOSE MULLET [/M. SALIENS/] LEAVING ESTUARIES TO SPAWN, AND THEIR REACTION TO A PITUITARY INJECTION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):232-239. 1974. SFA 21(2).

71-004509 Zhmurova, Ye. Kh. and Somkina, N. V. THE EFFECT OF SALINITY ON THE EARLY DEVELOPMENT STANZAS OF THE WALLEYE (/LUCIOPERCA LUCIOPERCA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 511-514. 1976. SFA 22(4)

71-004510 Zhutenev, A. N.; Kalinich, D. S. and Abayev, Yu. I. EMBRYONIC AND LARVAL DEVELOPMENT OF THE LEAPING GRAY MULLET, /MUGIL SALIENS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 63-67. 1976. SFA 22(3)

71-004511 Zimmerer, E. J. ENVIRONMENTAL EFFECTS ON GROWTH AND FIN REGENERATION IN POECILIID FISHES. *Ph.D. dissertation, Rutger's Univ. State Univ. N.J.* 137p. 1980. From Diss. Abstr. Int. B Sci. Eng. 40(11):5173. May 1980. SFA 25(3)

71-004512 Zohar, Y. and H. Gordin. SPAWNING KINETICS IN THE GILTHEAD SEA-BREAM, *SPARUS AURATA* L. AFTER LOW DOSES OF HUMAN CHRONIC GONADOTROPIN. *J. Fish Biol.* 15(6):665-670. Dec. 1979. SFA 25(2)

71-004513 Zohar, Y.; Abraham, M. and Gordin, H. THE GONADAL CYCLE OF THE CAPTIVITY-REARED HERMAPHRODITIC TELEOST /SPARUS AURATA/ (L.) DURING THE FIRST TWO YEARS OF LIFE. *Ann. Biol. Anim. Biochim. Biophys.* 18(4):877-882. 1978. SFA 24(1)

71-004514 Zolotnitskiy, A. P. AN ANALYSIS OF CHANGES OF GONADOTROPIC ACTIVITY IN THE HYPOPHYSIS OF THE BLACK SEA TURBOT (/SCOPHTHALMUS MAEOTICUS MAEOTICUS/) IN DIFFERENT STAGES OF THE REPRODUCTIVE CYCLE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 496-500. 1977. SFA 23(3)

71-004515 Zubchenko, I. Z. BIOSORPTION BY MARINE FISHES OF METHIANINE AND UREA DISSOLVED IN WATER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 336-341. 1977. SFA 23(3)

71-004516 Zubova, S. E. MITOTIC ACTIVITY OF THE GAMETES OF JUVENILE VOLGA STERLET (/ACIPENSER RUTHENUS/) FOLLOWING LOCAL IRRADIATION OF THE HYPOPHYSIS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 492-496. 1977. SFA 23(3)

71-004517 Zuvic, T.; M. Brito; J. Villanueva and M. Krauskopf. *IN VIVO* LEVELS OF AMINOACYL-tRNA SPECIES DURING ACCLIMATIZATION OF THE CARP *CYPRINUS CARPIO*. *Comp. Biochem. Physiol. B. Comp. Biochem.* 67(1):167-170. 1980. SFA 25(4)

71-004518 Zwingelstein, G.; J. Portoukalian; G. Rebel and G. Brichon. GILL SULFOLIPID SYNTHESIS AND SEAWATER ADAPTATION IN EURYHALIN FISH, *ANGUILLA ANGUILLA*. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(3):555-558. 1980. SFA 25(2)

71-004519 Zyuganov, V. V. and V. V. Khlebovich. ANALYSIS OF THE MECHANISMS DETERMINING THE DIFFERENT RESPONSES OF SPERMATOZOA OF THE MARINE AND FRESH-WATER FORMS OF THE THREE-SPINED STICKLEBACK TO WATER SALINITY. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 10(5):450-454. Sept.-Oct. 1979. SFA 25(4)

GENETICS, VARIATION STUDIES AND HYBRIDIZATION

71-004521 Allen, S. K., Jr. and Stanley, J. G. REPRODUCTIVE STERILITY IN POLYPLOID BROOK TROUT, /SALVELINUS FONTINALIS/. *Trans. Am. Fish. Soc.* 107 (3): 473-478. May 1978. SFA 23(4)

71-004522 Allendorf, F. W.; Mitchell, N.; Ryman, N. and Stahl, G. ISOZYME LOCI IN BROWN TROUT (/SALMO TRUTTA/ L.): DETECTION AND INTERPRETATION FROM POPULATION DATA. *Hereditas* 86 (2): 179-190. 1977. SFA 23(2)

71-004523 Altukhov, Yu. P. RATIONAL MANAGEMENT OF MARINE BIOLOGICAL RESOURCES IN THE LIGHT OF POPULATION GENETICS. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:31-39. 1972[1977]. SFA 24(4)

71-004524 Andreyev, V. L. and Reshetnikov, Yu. S. STUDY OF THE INTRASPECIFIC MORPHOLOGICAL VARIABILITY OF THE WHITEFISH, /COREGONUS LAVARETUS/, BY MULTIVARIATE STATISTICAL ANALYSIS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 727-741. 1978. SFA 24(1)

71-004525 Angus, R. A. ORIGIN AND DISTRIBUTION OF MULTIPLE CLONES IN UNISEXUAL FISHES. *Ph.D. dissertation, Univ. Conn.* 75p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):3581. Feb. 1978. SFA 23(3)

71-004526 Arai, K. and Yamazaki, F. DEVELOPMENTAL CHANGES OF LACTATE DEHYDROGENASE (LDH) ISOZYMES IN THE HYBRID BETWEEN MASU SALMON (/ONCORHYNCHUS MASOU/) AND PINK SALMON (/O. GORBUSCHA/). *Bull. Fac. Fish. Hokkaido Univ.* 30(2):124-128. May 1979. SFA 25(1)

71-004527 Arai, K.; Onozato, H. and Yamazaki, F. ARTIFICIAL ANDROGENESIS INDUCED WITH GAMMA IRRADIATION IN MASU SALMON, /ONCORHYNCHUS MASOU/. *Bull. Fac. Fish. Hokkaido Univ.* 30(3):181-186. Aug. 1979. SFA 25(1)

71-004528 Arcement, R. J. and Rachlin, J. W. A STUDY OF THE KARYOTYPE OF A POPULATION OF BANDED KILLIFISH (/FUNDULUS DIAPHANUS/) FROM THE HUDSON RIVER. *J. Fish Biol.* 8(2):119-125. Feb. 1976. SFA 22(1)

71-004529 Avise, J. C. and Smith, M. H. GENE FREQUENCY COMPARISONS BETWEEN SUNFISH (CENTRARCHIDAE) POPULATIONS AT VARIOUS STAGES OF EVOLUTIONARY DIVERGENCE. *Syst. Zool.* 26 (3): 319-335. Sept. 1977. SFA 24(2)

71-004530 Avise, J. C. and Gold, J. R. CHROMOSOMAL DIVERGENCE AND SPECIATION IN TWO FAMILIES OF NORTH AMERICAN FISHES. *Evolution* 31 (1): 1-13. Mar. 1977. SFA 22(3)

71-004531 Avise, J. C.; Smith, J. J. and Ayala, F. J. ADAPTIVE DIFFERENTIATION WITH LITTLE GENIC CHANGE BETWEEN TWO NATIVE CALIFORNIA MINNOWS. *Evolution* 29 (3): 411-426. Sept. 1975. SFA 22(1)

71-004532 Avise, J. C.; Straney, D. O. and Smith, M. H. BIOCHEMICAL GENETICS OF SUNFISH. IV. RELATIONSHIPS OF CENTRARCHID GENERA. *Copeia* 1977 (2): 250-258. 25 May 1977. SFA 22(3)

71-004533 Avtalion, R. R. and Hammerman, I. S. SEX DETERMINATION IN /SAROTHERODON/ (/TILAPIA/). I. INTRODUCTION TO A THEORY OF AUTOSOMAL INFLUENCE. *Bamidgeh* 30 (4): 110-115. Dec. 1978. SFA 24(3)

71-004534 Ayles, G. B.; Bernard, D. and Hendzel, M. GENETIC DIFFERENCES IN LIPID AND DRY MATTER CONTENT BETWEEN STRAINS OF RAINBOW TROUT (/SALMO GAIRDNERI/) AND THEIR HYBRIDS. *Aquaculture* 18(3):253-262. Nov. 1979. SFA 25(1)

71-004535 Ayling, A. M. HYBRIDIZATION IN THE GENUS *PSEUDOLABRUS* (LABRIDAE). *Copeia* 1980(1):176-180. 1 Feb. 1980. SFA 25(2)

71-004536 Baglin, R. E., Jr. SUBPOPULATIONS OF WHITE BASS, /MORONE CHRYSOPS/ (RAFINESQUE), IN LAKE TEXOMA. *Ph.D. dissertation, Univ. Okla.* 113p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(4), 1975. SFA 21(1).

71-004537 Bailey, G. S.; Tsuyuki, H. and Wilson, A. C. THE NUMBER OF GENES FOR LACTATE DEHYDROGENASE IN SALMONID FISHES. *J. Fish. Res. Board Can.* 33 (4,1): 760-767. Apr. 1976. In English with French summ. SFA 21(2).

71-004538 Bailey, J. K. and R. L. Saunders. PRELIMINARY REPORT ON RELEASES AND RETURNS OF TWO YEAR-CLASSES OF ATLANTIC SALMON SMOLTS FROM VARIOUS PURE STRAINS AND STRAIN CROSSES. *N. Am. Salmon Res. Cent. Rep.* No. 5. 6p. 1979. SFA 25(2)

71-004539 Beamish, R. J. and Miller, R. R. CYTOTAXONOMIC STUDY OF GILA TROUT, /SALMO GILAE/. *J. Fish. Res. Board Can.* 34 (7): 1041-1045. July 1977. In English with French summ. SFA 22(4)

71-004540 Beck, M. L.; C. J. Biggers and H. K. Dupree. KARYOLOGICAL ANALYSIS OF *CTENOPHARYNGODON IDELLA*, *ARISTICHTHYS NOBILIS*, AND THEIR F_1 HYBRID. *Trans. Am. Fish. Soc.* 109(4):433-438. July 1980. SFA 25(4)

71-004541 Bergot, P.; Chevassus, B. and Blanc, J.-M. DETERMINISME GENETIQUE DU NOMBRE DE CAECA PYLORIQUES CHEZ LA TRUITE FARIO (/SALMO TRUTTA/ LINNE) ET LA TRUITE ARC-EN-CIEL (/SALMO GAIRDNERI/ RICHARDSON). I.--DISTRIBUTION DU CARACTERE ET VARIABILITE PHENOTYPIQUE INTRA ET INTERFAMILLES. [GENETIC DETERMINATION OF THE NUMBER OF PYLORIC CAECA IN BROWN TROUT (/SALMO TRUTTA/) AND RAINBOW TROUT (/SALMO GAIRDNERI/). I.--CHARACTER DISTRIBUTION AND PHENOTYPIC VARIABILITY WITHIN AND BETWEEN FAMILIES.] *Ann. Hydrobiol.* 7 (2): 105-114. 1976. In French with English summ. SFA 22(3)

71-004542 Berrebi, P. and J. Britton-Davidian. ENZYMATIC SURVEY OF FOUR POPULATIONS OF *ATHERINA BOYERI* BASED ON ELECTROPHORESIS AND THE OCCURRENCE OF A MICROSPORIDIOSIS. *J. Fish Biol.* 16(2):149-157. Feb. 1980. SFA 25(2)

71-004543 Bisson, P. A. and Reimers, P. E. GEOGRAPHIC VARIATION AMONG PACIFIC NORTHWEST POPULATIONS OF LONGNOSE DACE, /RHINICHTHYS CATARACTAE/. *Copeia* 1977(3):518-522. 25 Aug. 1977. SFA 22(4)

71-004544 Black, A. and Howell, W. M. A DISTINCTIVE CHROMOSOMAL RACE OF THE CYPRINODONTID FISH, /FUNDULUS NOTATUS/, FROM THE UPPER TOMBIGBEE RIVER SYSTEM OF ALABAMA AND MISSISSIPPI. *Copeia* 1978(2):280-288. 5 May 1978. SFA 23(3)

71-004545 Black, D. A. and Howell, W. M. THE NORTH AMERICAN MOSQUITOFISH, /GAMBUSIA AFFINIS/: A UNIQUE CASE IN SEX CHROMOSOME EVOLUTION. *Copeia* 1979 (3): 509-513. 1 Aug. 1979. SFA 24(4)

71-004546 Blanc, J. M.; B. Chevassus and P. Bergot. DÉTERMINISME GÉNÉTIQUE DU NOMBRE DE CÆCA PYLORIQUES CHEZ LA TRUITE FARIO (*SALMO TRUTTA*, LINNÉ) ET LA TRUITE ARC-EN-CIEL (*SALMO GAIRDNERI*, RICHARDSON). III.--EFFET DU GÉNOTYPE ET DE LA TAILLE DES OEUFS SUR LA RÉALIZATION DU CARACTÈRE CHEZ LA TRUITE FARIO. [GENETIC DETERMINISM OF THE NUMBER OF PYLORIC CAECA IN BROWN TROUT (*SALMO TRUTTA*) AND RAINBOW TROUT (*SALMO GAIRDNERI*). III--INFLUENCE OF THE GENOTYPE AND EGG SIZE ON THE REALIZATION OF THE CHARACTER IN BROWN TROUT.] *Ann. Genet. Sel. Anim.* 11(1):93-103. 1979. In French with English summ. SFA 25(2)

71-004547 Blaxhall, P. C. FISH CHROMOSOME TECHNIQUES--A REVIEW OF SELECTED LITERATURE. *J. Fish Biol.* 7(3):315-320. May 1975. SFA 22(2)

71-004548 Bodaly, R. A. MORPHOLOGICAL AND ECOLOGICAL DIVERGENCE WITHIN THE LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/) SPECIES COMPLEX IN YUKON TERRITORY. *J. Fish. Res. Board Can.* 36(10):1214-1222. Oct. 1979. In English with French summ. SFA 25(1)

71-004549 Bodaly, R. A. EVOLUTIONARY DIVERGENCE BETWEEN CURRENTLY SYMPATRIC LAKE WHITEFISH, /COREGONUS CLUPEAFORMIS/, IN THE YUKON TERRITORY. *Ph.D. dissertation, Univ. Manitoba* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10), Apr. 1978. SFA 23(3)

71-004550 Botvinnik, N. M. and Neifakh, A. A. EXPRESSION OF GENES CONTROLLING ESTERASES IN EMBRYONIC DEVELOPMENT OF HYBRID FISH. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 8 (2): 144-147. Mar.-Apr. 1977. SFA 23(2)

71-004551 Braman, J. C.; C. B. Stalnaker; G. T. Klar and T. M. Farley. HEMOGLOBIN POLYMORPHISM IN ADULT CUTTHROAT TROUT, *SALMO CLARKII*. *J. Exp. Zool.* 211(3):411-413. Mar. 1980. SFA 25(3)

71-004552 Brandes, W. F.; Harris, J. W. and Estes, R. D. ISOZYME VARIATION IN THE EASTERN BROOK TROUT, /SALVELINUS FONTINALIS/. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-004553 Brassington, R. A. and Ferguson, A. ELECTROPHORETIC IDENTIFICATION OF ROACH (/RUTILUS RUTILUS/ L.), RUDD (/SCARDINIUS ERYTHROPHTHALMUS/ L.), BREAM (/ABRAMIS BRAMA/ L.) AND THEIR NATURAL HYBRIDS. *J. Fish Biol.* 9(6):471-477. Dec. 1976. SFA 22(2)

71-004554 Bulger, A. J. HETEROSIS AND THERMAL ADAPTATIONS IN DESERT FISHES. *Ph.D. dissertation, Univ. Conn.* 64p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5271. May 1979. SFA 24(3)

71-004555 Busack, C. A. and G. H. Thorgaard. KARYOTYPE OF THE SACRAMENTO PERCH, *ARCHOPLITES INTERRUPTUS*. *Calif. Fish Game* 66(3):189-191. July 1980. SFA 25(3)

71-004556 Bussack, C. A.; G. H. Thorgaard; M. P. Bannon and G. A. E. Gall. AN ELECTROPHORETIC, KARYOTYPIC AND MERISTIC CHARACTERIZATION OF THE EAGLE LAKE TROUT, *SALMO GAIRDNERI AQUILARUM*. *Copeia* 1980(3):418-424. 6 Sept. 1980. SFA 25(4)

71-004557 Buth, D. G. and Burr, B. M. ISOZYME VARIABILITY IN THE CYPRINID GENUS /CAMPOSTOMA/. *Copeia* 1978 (2): 298-311. 5 May 1978. SFA 23(3)

71-004558 Buth, D. G. BIOCHEMICAL SYSTEMATICS OF THE CYPRINID GENUS /NOTROPIS/--I. THE SUBGENUS /LUXILUS/. *Biochem. Syst. Ecol.* 7 (1): 69-79. 1979. SFA 24(3)

71-004559 Buth, D. G. CREATINE KINASE VARIABILITY IN /MOXOSTOMA MACROLEPIDOTUM/ (CYPRINIFORMES; CATOSTOMIDAE). *Copeia* 1979 (1): 152-154. 20 Feb. 1979. SFA 24(2)

71-004560 Buth, D. G. DUPLICATE GENE EXPRESSION IN TETRAPLOID FISHES OF THE TRIBE MOXOSTOMATINI (/CYPRINIFORMES, CATOSTOMIDAE). *Comp. Biochem. Physiol. B Comp. Physiol.* 63 (1): 7-12. 1979. SFA 24(3)

71-004561 Buth, D. G. EVOLUTIONARY GENETICS AND SYSTEMATIC RELATIONSHIPS IN THE CATOSTOMID GENUS *HYPENTELIUM*. *Copeia* 1980(2):280-290. 1 May 1980. SFA 25(3)

71-004562 Carpenter, J. W. and Paterson, C. G. VARIATION IN SELECTED MERISTIC SERIES IN THE GOLDEN SHINER, /NOTEMIGONUS CRYSOLEUCAS/ (MITCHILL), IN THE NEW BRUNSWICK-NOVA SCOTIA BORDER REGION. *Can. Field-Nat.* 91 (1): 74-77. Jan.-Mar. 1977. SFA 22(4)

71-004563 Cataudella, S. and Sola, L. SEX CHROMOSOMES OF THE MOSQUITOFISH (/GAMBUSIA AFFINIS/): AN INTERESTING PROBLEM FOR AMERICAN ICHTHYOLOGISTS. *Copeia* 1977 (2): 382-384. 25 May 1977. SFA 22(3)

71-004564 Champion, M. J. and Whitt, G. S. SYNCHRONOUS ALLELIC EXPRESSION AT THE GLUCOSEPHOSPHATE ISOMERASE /A/ AND /B/ LOCI IN INTERSPECIFIC SUNFISH HYBRIDS. *Biochem. Genet.* 14 (9,10): 23-737. 1976. SFA 22(3)

71-004565 Champion, M. J. and Whitt, G. S. DIFFERENTIAL GENE EXPRESSION IN MULTILOCUS ISOZYME SYSTEMS OF THE DEVELOPING GREEN SUNFISH. *J. Exp. Zool.* 196 (3): 263-282. June 1976. SFA 22(2)

71-004566 Champion, M. J. and Whitt, G. S. SYNCHRONOUS ALLELIC EXPRESSION AT THE GLUCOSEPHOSPHATE ISOMERASE /A/ AND /B/ LOCI IN INTERSPECIFIC SUNFISH HYBRIDS. *Biochem. Genet.* 14 (9-10): 723-737. 1976. SFA 22(3)

71-004567 Chaudhuri, H. FERTILITY OF HYBRIDS OF INDIAN CARPS AND PRELIMINARY STUDIES ON THE F(2) GENERATION OF CARP HYBRIDS. *J. Inland Fish. Soc. India* 5:195-200. Dec. 1973. SFA 24(3)

71-004568 Chernenko, Ye. V. GENOME MUTATIONS AMONG EMBRYOS OF THE DIADROMOUS AND RESIDENT SOCKEYE, /ONCORHYNCHUS NERKA/, FROM LAKE DAL'NEYE (KAMCHATKA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 373-379. 1976. SFA 22(4)

71-004569 Chevassus, B. HYBRIDIZATION IN SALMONIDS: RESULTS AND PERSPECTIVES. *Aquaculture* 17(2):113-128. June 1979. SFA 24(4)

71-004570 Chevassus, B.; J. M. Blanc and P. Bergot. DÉTERMINISME GÉNÉTIQUE DU NOMBRE DE CÆCA PYLORIQUES CHEZ LA TRUITE FAERIO (*SALMO TRUTTA*, LINNÉ) ET LA TRUITE ARC-EN-CIEL (*SALMO GAIRDNERI*, RICHARDSON). II.--EFFET DU GÉNOTYPE DU MILIEU D'ELEVAGE ET DE L'ALIMENTATION SUR LA RÉALISATION DU CARACTÉRE CHEZ LA TRUITE ARC-EN-CIEL. [GENETIC ANALYSIS OF THE NUMBER OF PYLORIC CAECA IN BROWN TROUT (*SALMO TRUTTA*, LINNÉ) AND RAINBOW TROUT (*SALMO GAIRDNERI*, RICHARDSON). II--EFFECT OF THE GENOTYPE, REARING ENVIRONMENT AND FEEDING ON THE REALIZATION OF THE CHARACTER IN RAINBOW TROUT.] *Ann. Genet. Sel. Anim.* 11(1):79-92. 1979. In French with English summ. SFA 25(2)

71-004571 Chilcote, M. W.; B. A. Crawford and S. A. Leider. A GENETIC COMPARISON OF SYMPATRIC POPULATIONS OF SUMMER AND WINTER STEELHEADS. *Trans. Am. Fish. Soc.* 109(2):203-206. Mar. 1980. SFA 25(2)

71-004572 Child, A. R. BIOCHEMICAL POLYMORPHISM IN CHAR (/SALVELINUS ALPINUS/ L.) FROM LLYNNAU PERIS, PADARN, CWELLYN AND BODLYN. *Heredity* 38 (3): 359-365. June 1977. SFA 22(3)

71-004573 Child, A. R.; Burnell, A. M. and Wilkins, N. P. THE EXISTENCE OF TWO RACES OF ATLANTIC SALMON (/SALMO SALAR/ L.) IN THE BRITISH ISLES. *J. Fish Biol.* 8 (1): 35-43. Jan. 1976. SFA 22(1)

71-004574 Cokendolpher, J. C. HYBRIDIZATION EXPERIMENTS WITH THE GENUS *CYPRINODON* (TELEOSTEI: CYPRINODONTIDAE). *Copeia* 1980(1):173-176. 1 Feb. 1980. SFA 25(2)

71-004575 Colgan, P. W.; Ballantyne, P. K. and Wilson, M. V. H. NUMERICAL TAXONOMY OF HYBRIDIZING /LEPOMIS/ (CENTRARCHIDAE) IN LAKE OPINICON, ONTARIO. *Can. J. Zool.* 54 (1): 42-47. Jan. 1976. In English with French summ. SFA 22(1)

71-004576 Cook, P. C. KARYOTYPIC ANALYSIS OF THE GOBIID FISH GENUS /QUIETULA/ JORDAN AND EVERMANN. *J. Fish Biol.* 12 (2): 173-179. Feb. 1978. SFA 23(3)

71-004577 Copeman, D. G. POPULATION DIVERSITY IN THE RAINBOW SMELT, /OSMERUS EPERLANUS MORDAX/ (MITCHELL, 1914) (SALMONOIDEA: OSMERIDAE) AS REVEALED BY CANONICAL AND DISCRIMINANT FUNCTION ANALYSES ON MORPHOMETRIC, MERISTIC AND ESTERASE DATA. *Ph.D. dissertion, Mem. Univ. Newfoundland* 1973. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. [To obtain a microfiche copy order film no. 16349 from the National Library of Canada at Ottawa.] SFA 21(1).

71-004578 Copeman, D. G. POPULATION DIFFERENCES IN RAINBOW SMELT, /OSMERUS MORDAX/: MULTIVARIATE ANALYSIS OF MENSURAL AND MERISTIC DATA. *J. Fish. Res. Board Can.* 34 (8): 1220-1229. Aug. 1977. In English with French Summ. SFA 22(4)

71-004579 Cross, T. F. and Payne, R. H. GEOGRAPHIC VARIATION IN ATLANTIC COD, /GADUS MORHUA/, OFF EASTERN NORTH AMERICA: A BIOCHEMICAL SYSTEMATICS APPROACH. *J. Fish. Res. Board Can.* 35 (1): 117-123. Jan. 1978. In English with French summ. SFA 23(2)

71-004580 Cross, T. F. and Payne, R. H. NADP-ISOCITRATE DEHYDROGENASE POLYMORPHISM IN THE ATLANTIC SALMON /SALMO SALAR/. *J. Fish Biol.* 11 (5): 493-496. Nov. 1977. SFA 23(1)

71-004581 Cross, T. F.; Ward, R. D. and Abreu-Grobois, A. DUPLICATE LOCI AND ALLELIC VARIATION FOR MITOCHONDRIAL MALIC ENZYME IN THE ATLANTIC SALMON, /SALMO SALAR/ L. *Comp. Biochem. Physiol. B Comp. Biochem.* 62 (4): 403-406. 1979. SFA 24(3)

71-004582 Crossman, E. J. and Meade, J. W. ARTIFICIAL HYBRIDS BETWEEN AMUR PIKE, /ESOX REICHERTI/, AND NORTH AMERICAN ESOCIDS. *J. Fish. Res. Board Can.* 34 (12): 2338-2343. Dec. 1977. In English with French summ. SFA 23(2)

71-004583 Danzmann, R. G. THE KARYOLOGY OF EIGHT SPECIES OF FISH BELONGING TO THE FAMILY PERCIDAE. *Can. J. Zool.* 57(10):2055-2060. Oct. 1979. In English with French summ. SFA 25(1)

71-004584 Darling, J. D. S. ELECTROPHORETIC VARIATION IN /CYPRINODON VARIEGATUS/ AND SYSTEMATICS OF SOME FISHES OF THE SUBFAMILY CYPRINODONTINAE. *Ph.D. dissertation, Yale Univ.* 160 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-004585 De Cristini, F. and Graziosi, G. ELECTROPHORETIC ANALYSES AND DENATURATION TESTS OF THE HAEMOGLOBINS OF /TRACHURUS TRACHURUS/ (L.). *J. Fish Biol.* 9 (5): 401-403. Nov. 1976. SFA 22(2)

71-004586 Dentry, W. and Lindsey, C. C. VERTEBRAL VARIATION IN ZEBRAFISH (/BRACHYDANIO RERIO/) RELATED TO THE PREFERTILIZATION TEMPERATURE HISTORY OF THEIR PARENTS. *Can. J. Zool.* 56 (2): 280-283. Feb. 1978. In English with French summ. SFA 23(3)

71-004587 Dingerkus, G. and Howell, W. M. KARYOTYPIC ANALYSIS AND EVIDENCE OF TETRAPLOIDY IN THE NORTH AMERICAN PADDLEFISH, /POLYODON SPATHULA/. *Science* 194(4267):842-844. Nov. 1976. SFA 21(4).

71-004588 Dingman, J. D. and Clark, J. H. EVALUATION OF SYMPATRIC POPULATIONS OF WEST SLOPE CUTTHROAT AND YELLOWSTONE CUTTHROAT TROUT. *J. Colo.-Wyo. Acad. Sci.* 11(1):11. Apr. 1979. Abstract only. SFA 24(3)

71-004589 Dobrinskaya, L. A.; Ogurtsov, G. I. and Klimov, V. I. CHARACTERISTICS OF THE VARIATION OF THE MORPHOPHYSIOLOGICAL CHARACTERS OF A BISEXUAL POPULATION OF THE GOLDFISH. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (2): 141-145. Mar.-Apr. 1978. SFA 24(2)

71-004590 Dobrovolov, I. POLYMORPHISM OF MUSCLE PROTEINS OF THE ANCHOVY, /ENGRAULIS ENCRASICHOLUS/, OF THE AZOV-BLACK SEA BASIN AND THE ATLANTIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):483-489. 1978. SFA 25(1)

71-004591 Dunham, R. A. and W. F. Childers. GENETICS AND IMPLICATIONS OF THE GOLDEN COLOR MORPH IN GREEN SUNFISH. *Prog. Fish-Cult.* 42(3):160-163. July 1980. SFA 25(4)

71-004592 Dyatlov, M. A. POPULATION HETEROGENEITY OF THE CISCO, /COREGONUS ALBULA/, OF LAKE LADOGA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.* 18(4):536-544. 1978. SFA 25(1)

71-004593 Echelle, A. A.; Echelle, A. F.; Smith, M. H. and Hill, L. G. ANALYSIS OF GENIC CONTINUITY IN A HEADWATER FISH, /ETHEOSTOMA RADIOSUM/ (PERCIDAE). *Copeia* 1975(2):197-204. 23 May 1975. SFA 21(1).

71-004594 Eckroat, L. R. HETEROZYGOSITY AT THE LACTATE DEHYDROGENASE-A LOCUS IN GRASS PICKEREL, /ESOX AMERICANUS VERMICULATUS/. *Copeia* 1975(3):466-470. 5 Aug. 1975. SFA 21(1).

71-004595 Edwards, R. J. A REPORT OF GUADALUPE BASS (/MICROPTERUS TRECULI/) X SMALLMOUTH BASS (/M. DOLOMIEUI/) HYBRIDS FROM TWO LOCALITIES IN THE GUADALUPE RIVER, TEXAS. *Tex. J. Sci.* 31(3):231-238. Sept. 1979. SFA 25(1)

71-004596 El-Ibiary, H. M.; Andrews, J. W.; Joyce, J. A.; Page, J. W. and DeLoach, H. L. SOURCES OF VARIATIONS IN BODY SIZE TRAITS, DRESS-OUT WEIGHT, AND LIPID CONTENT AND THEIR CORRELATIONS IN CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Trans. Am. Fish. Soc.* 105(2):267-272. Mar. 1976. SFA 21(2).

71-004597 Engel, W.; Kuhl, P. and Schmidtke, J. EXPRESSION OF THE PATERNALLY DERIVED PHOSPHOGLUCOSE ISOMERASE GENES DURING HYBRID TROUT DEVELOPMENT. *Comp. Biochem. Physiol. B Comp. Biochem.* 56 (2): 103-108. 1977. SFA 22(3)

71-004598 Fahy, E. VARIATION IN SOME BIOLOGICAL CHARACTERISTICS OF BRITISH SEA TROUT, /SALMO TRUTTA/ L. *J. Fish Biol.* 13 (1): 123-138. July 1978. SFA 23(4)

71-004599 Fairbairn, D. J. and D. A. Roff. TESTING GENETIC MODELS OF ISOZYME VARIABILITY WITHOUT BREEDING DATA: CAN WE DEPEND ON THE χ_2? *Can. J. Fish. Aquatic Sci.* 37(7):1149-1159. July 1980. SFA 25(4)

71-004600 Favro, L. D.; Kuo, P. K. and McDonald, J. F. POPULATION-GENETIC STUDY OF THE EFFECTS OF SELECTIVE FISHING ON THE GROWTH RATE OF TROUT. *J. Fish. Res. Board Can.* 36 (5): 552-561. May 1979. In English with French summ. SFA 24(3)

71-004601 Felley, J. ANALYSIS OF MORPHOLOGY AND ASYMMETRY IN BLUEGILL SUNFISH (*LEPOMIS MACROCHIRUS*) IN THE SOUTHEASTERN UNITED STATES. *Copeia* 1980(1):18-29. 1 Feb. 1980. SFA 25(2)

71-004602 Felley, J. D. and J. C. Avise. GENETIC AND MORPHOLOGICAL VARIATION OF BLUEGILL POPULATIONS IN FLORIDA LAKES. *Trans. Am. Fish. Soc.* 109(1):108-115. Jan. 1980. SFA 25(2)

71-004603 Felley, J. D. and Smith, M. H. PHENOTYPIC AND GENETIC TRENDS IN BLUEGILLS OF A SINGLE DRAINAGE. *Copeia* 1978 (1): 175-177. 10 Feb. 1978. SFA 23(2)

71-004604 Ferguson, A.; Himberg, K.-J. M. and Svardson, G. SYSTEMATICS OF THE IRISH POLLAN (/COREGONUS POLLAN/ THOMPSON): AN ELECTROPHORETIC COMPARISON WITH OTHER HOLARCTIC COREGONINAE. *J. Fish Biol.* 12(3):221-233. Mar. 1978. SFA 23(3)

71-004605 Ferris, S. D. and Whitt, G. S. THE EVOLUTION OF DUPLICATE GENE EXPRESSION IN THE CARP (/CYPRINUS CARPIO/). *Experientia (Basel)* 33 (10): 1299-1301. 15 Oct. 1977. SFA 23(1)

71-004606 Ferris, S. D. and Whitt, G. S. PHYLOGENY OF TETRAPLOID CATOSTOMID FISHES BASED ON THE LOSS OF DUPLICATE GENE EXPRESSION. *Syst. Zool.* 27 (2): 189-206. June 1978. SFA 23(4)

71-004607 Ferris, S. D. and Whitt, G. S. EVOLUTION OF THE DIFFERENTIAL REGULATION OF DUPLICATE GENES AFTER POLYPLOIDIZATION. *J. Mol. Evol.* 12: 267-317. 1979. SFA 24(3)

71-004608 Ferris, S. D. and Whitt, G. S. LOSS OF DUPLICATE GENE EXPRESSION AFTER POLYPLOIDISATION. *Nature* 265 (5591): 258-260. 20 Jan. 1977. SFA 22(3)

71-004609 Fisher, S. E. and Whitt, G. S. EVOLUTION OF ISOZYME LOCI AND THEIR DIFFERENTIAL TISSUE EXPRESSION. CREATINE KINASE AS A MODEL SYSTEM. *J. Mol. Evol.* 12: 25-55. 1978. SFA 24(2)

71-004610 Fitzsimons, J. M. ETHOLOGICAL ISOLATING MECHANISMS IN GOODEID FISHES OF THE GENUS /XENOTOCA/ (CYPRINODONTIFORMES, OSTEICHTHYES). *Bull. South. Calif. Acad. Sci.* 75 (2): 84-99. Aug. 1976. SFA 22(2)

71-004611 Foerster, W. and Anders, F. ZYTOGENETISCHER VERGLEICH DER KARYOTYPEN VERSCHIEDENER RASSEN UND ARTEN LEBENDGEBAERENDER ZAHNKARPFEN DER GATTUNG /XIPHOPHORUS/. [CHROMOSOME COMPLEMENTS FROM DIFFERENT SUBSPECIES AND SPECIES OF /XIPHOPHORUS/.] *Zool. Anz.* 198 (3-4): 167-177. 1977. In German with English summ. SFA 22(4)

71-004612 Forrester, C. R.; Tsuyuki, H.; Fuke, S.; Smith, J. E. and Schnute, J. FLATHEAD SOLE (/HIPPOGLOSSOIDES/) IN THE NORTH PACIFIC. *J. Fish. Res. Board Can.* 34 (4): 455-462. Apr. 1977. In English with French summ. SFA 22(3)

71-004613 Franzin, W. G. GENETIC STUDIES OF PROTEIN VARIANTS AND THEIR USE IN A ZOOGEOGRAPHIC STUDY OF LAKE WHITEFISH, /COREGONUS CLUPEAFORMIS/ (MITCHELL) IN WESTERN CANADA. *Ph.D. dissertation, Univ. Manitoba* 1974. From Diss. Abstr. Int. B Sci. Eng. 35(9), 1975. [Obtain microfiche copy from the National Library of Canada at Ottawa.] SFA 21(1).

71-004614 Franzin, W. G. and Clayton, J. W. A BIOCHEMICAL GENETIC STUDY OF ZOOGEOGRAPHY OF LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/) IN WESTERN CANADA. *J. Fish. Res. Board Can.* 34 (5): 617-625. May 1977. In English with French summ. SFA 22(3)

71-004615 Friars, G. W.; J. K. Bailey and R. L. Saunders. CONSIDERATIONS OF A METHOD OF ANALYZING DIALLEL CROSSES OF ATLANTIC SALMON. *Can. J. Genet. Cytol.* 21:121-128. 1979. In English with French summ. SFA 25(2)

71-004616 Fujio, Y. and Y. Kato. GENETIC VARIATION IN FISH POPULATIONS. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1169-1178. Sept. 1979. SFA 25(2)

71-004617 Gall, G. A. E. TWO-STAGE TROUT BROODSTOCK SELECTION PROGRAM: REPRODUCTIVE PERFORMANCE AND GROWTH RATE. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 79-2. 24p. Oct. 1977. SFA 25(1)

71-004618 Gall, G. A. E. and Gross, S. J. A GENETICS ANALYSIS OF THE PERFORMANCE OF THREE RAINBOW TROUT BROODSTOCKS. *Aquaculture* 15 (2): 113-127. Oct. 1978. SFA 24(1)

71-004619 Gall, G. A. E. GENETICS OF REPRODUCTION IN DOMESTICATED RAINBOW TROUT. *J. Anim. Sci.* 40(1):19-28. 1975. SFA 21(1).

71-004620 Gervai, J.; T. Marián; Z. Krasznai; A. Nagy and V. Csányi. OCCURRENCE OF ANEUPLOIDY IN RADIATION GYNOGENESIS OF CARP, *CYPRINUS CARPIO* L. *J. Fish Biol.* 16(4):435-439. Apr. 1980. SFA 25(3)

71-004621 Gjedrem, T.; Eggum, A. and Refstie, T. CHROMOSOMES OF SOME SALMONIDS AND SALMONID HYBRIDS. *Aquaculture* 11 (4): 335-348. Aug. 1977. SFA 23(1)

71-004622 Gold, J. R. and Avise, J. C. CYTOGENETIC STUDIES IN NORTH AMERICAN MINNOWS (CYPRINIDAE). I. KARYOLOGY OF NINE CALIFORNIA GENERA. *Copeia* 1977 (3): 541-549. 25 Aug. 1977. SFA 22(4)

71-004623 Gold, J. R.; Karel, W. J. and Strand, M. R. CHROMOSOME FORMULAE OF NORTH AMERICAN FISHES. *Tex. Agric. Exp. Stn.* mp-1411: 24p. Feb. 1979. SFA 24(3)

71-004624 Gold, J. R.; Pipkin, R. E. and Gall, G. A. E. NOTES ON A HYBRIDIZATION EXPERIMENT BETWEEN RAINBOW AND GOLDEN TROUT. *Calif. Fish Game* 65(3):179-183. July 1979. SFA 24(4)

71-004625 Gold, J. R.; W. J. Karel and M. R. Strand. CHROMOSOME FORMULAE OF NORTH AMERICAN FISHES. *Prog. Fish-Cult.* 42(1):10-23. Jan. 1980. SFA 25(2)

71-004626 Goren, M. and Rychwalski, E. M. HYBRIDS OF /APHANIUS DISPAR/ AND /APHANIUS MENTO/ (CYPRINODONTIDAE: PISCES). *Zool. J. Linn. Soc.* 63 (3): 259-264. July 1978. SFA 24(1)

71-004627 Gorman, G. C. and Kim, Y. J. GENOTYPIC EVOLUTION IN THE FACE OF PHENOTYPIC CONSERVATIVENESS: /ABUDEFDUF/ (POMACENTRIDAE) FROM THE ATLANTIC AND PACIFIC SIDES OF PANAMA. *Copeia* 1977 (4): 694-697. 25 Nov. 1977. SFA 23(1)

71-004628 Gorman, G. C. and Renzi, J., Jr. GENETIC DISTANCE AND HETEROZYGOSITY ESTIMATES IN ELECTROPHORETIC STUDIES: EFFECTS OF SAMPLE SIZE. *Copeia* 1979 (2): 242-249. 18 May 1979. SFA 24(3)

71-004629 Gorman, G. C.; Kim, Y. J. and Rubinoff, R. GENETIC RELATIONSHIPS OF THREE SPECIES OF /BATHYGOBIUS/ FROM THE ATLANTIC AND PACIFIC SIDES OF PANAMA. *Copeia* 1976 (2): 361-364. May 1976. SFA 21(2).

71-004630 Gorshkova, G. V. and Gorshkov, S. V. THE RESIDUAL SOCKEYE, /ONCORHYNCHUS NERKA/, FROM LAKE AZABACH'YE, KAMCHATKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 196-200. 1977. SFA 23(3)

71-004631 Gorshkova, G. V. and Gorshkov, S. A. [CHROMOSOME SETS IN SEASONAL RACES OF /ONCORHYNCHUS NERKA/ IN THE AZABACHJE LAKE (KAMCHATKA).] *Zool. Zh.* 57 (9): 1382-1388. Sept. 1978. In Russian with English summ. SFA 24(2)

71-004632 Grant, W. S. and F. M. Utter. BIOCHEMICAL GENETIC VARIATION IN WALLEYE POLLOCK, *THERAGRA CHALCOGRAMMA*: POPULATION STRUCTURE IN THE SOUTHEASTERN BERING SEA AND THE GULF OF ALASKA. *Can. J. Fish. Aquatic Sci.* 37(7):1093-1100. July 1980. SFA 25(4)

71-004633 Grant, W. S.; G. B. Milner; P. Krasnowski and F. M. Utter. USE OF BIOCHEMICAL GENETIC VARIANTS FOR IDENTIFICATION OF SOCKEYE SALMON (*ONCORHYNCHUS NERKA*) STOCKS IN COOK INLET, ALASKA. *Can. J. Fish. Aquatic Sci.* 37(8):1236-1247. Aug. 1980. In English with French summ. SFA 25(4)

71-004634 Gregory, P. E.; P. N. Howard-Peebles; R. D. Ellender and B. J. Martin. C-BANDING OF CHROMOSOMES FROM THREE ESTABLISHED MARINE FISH CELL LINES. *Copeia* 1980(3):545-547. 6 Sept. 1980. SFA 25(4)

71-004635 Grimm, H. UNTERSUCHUNGEN ZUR EVOLUTION UNTERSCHIEDLICH BESCHUPPTER POPULATIONEN VON /APHANIUS ANATOLIAE/ (LEIDENFROST, 1912) (PISCES, CYPRINODONTIDAE). GENETIK DER EIGROESSE. [INVESTIGATIONS ON THE EVOLUTION OF DIFFERENTLY SCALED POPULATIONS FOUND IN THE SPECIES /APHANIUS ANATOLIAE/ (LEIDENFROST, 1912) (PISCES, CYPRINODONTIDAE). GENETIC OF THE EGG-SIZE.] *Z. Zool. Syst. Evolutionsforsch.* 17 (1): 66-78. Mar. 1979. In German with English and French summ. SFA 24(4)

71-004636 Gross, H. P. ADAPTIVE TRENDS OF ENVIRONMENTALLY SENSITIVE TRAITS IN THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *Z. Zool. Syst. Evolutionsforsch.* 15 (4): 252-278. Dec. 1977. In English with French and German summ. SFA 23(2)

71-004637 Gross, H. P. GEOGRAPHIC VARIATION IN EUROPEAN NINESPINE STICKLEBACKS, /PUNGITIUS PUNGITIUS/. *Copeia* 1979 (3): 405-412. 1 Aug. 1979. SFA 24(4)

71-004638 Grossman, G. D. POLYMORPHISM OF PLASMA ESTERASES IN RAINBOW TROUT. *Prog. Fish-Cult.* 39 (1): 35-36. Jan. 1977. SFA 22(2)

71-004639 Guyomard, R. IDENTIFICATION PAR ELECTROPHORESE DE'HYBRIDES DE SALMONIDES. [ELECTROPHORETIC IDENTIFICATION OF SALMONIDS HYBRIDS.] *Ann. Genet. Sel. Anim.* 10 (1): 17-27. 1978. In French with English summ. SFA 24(2)

71-004640 Hagel, P. and Tuinstra, L. G. M. Th. TRENDS IN PCB CONTAMINATION IN DUTCH COASTAL AND INLAND FISHERY PRODUCTS 1972-1976. *Bull. Environ. Contam. Toxicol.* 19 (6): 671-676. June 1978. SFA 23(4)

71-004641 Hambrick, P. S. THE INTERGENERIC HYBRID, /NOTROPIS CERASINUS/ X /PHOXINUS OREAS/ (PISCES: CYPRINIDAE), IN THE UPPER ROANOKE RIVER DRAINAGE, VIRGINIA. *Am. Midl. Nat.* 98 (1): 238-243. July 1977. SFA 22(4)

71-004642 Harris, J. W. and Brandes, W. F. THE GENETIC CONTROL OF ISOCITRATE DEHYDROGENASE ISOZYMES IN EASTERN BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHELL). *J. Tenn. Acad. Sci.* 53 (3): 74. Apr. 1978. Abstract only. SFA 23(3)

71-004643 Hass, R. INTERGENETIC HYBRIDIZATION IN A SYMPATRIC PAIR OF MEXICAN CYPRINODONTID FISHES. *Copeia* 1979 (1): 149-152. 20 Feb. 1979. SFA 24(2)

71-004644 Hay, D. E. ECOLOGICAL GENETICS OF THREESPINE STICKLEBACKS (/GASTEROSTEUS/). *Ph.D. dissertation, Univ. British Columbia* 1974. From Diss. Abstr. Int. B. Sci. Eng. 35(11), 1975.]Order microfiche copy from the National Library of Canada at Ottawa.] SFA 21(1).

71-004645 Heckman, J. R. and Braune, M. O. IMMUNOLOGICAL PROPERTIES OF LACTATE DEHYDROGENASE ISOZYMES IN TROUT. *Trans. Am. Fish. Soc.* 107 (2): 295-304. Mar. 1978. SFA 23(3)

71-004646 Hirshfield, M. F.; C. R. Feldmeth and D. L. Soltz. GENETIC DIFFERENCES IN PHYSIOLOGICAL TOLERANCES OF AMARGOSA PUPFISH (*CYPRINODON NEVADENSIS*) POPULATIONS. *Science* 207(4434):999-1001. 29 Feb. 1980. SFA 25(2)

71-004647 Holder, V. P. and C. J. Biggers. INVESTIGATION OF IMPROVEMENT IN ELECTROPHORETIC SEPARATION OF PLASMA ALBUMIN OF THE CHANNEL CATFISH, *ICTALURUS PUNCTATUS*. *J. Tenn. Acad. Sci.* 55(2):57-58. Apr. 1980. Abstract only. SFA 25(2)

71-004648 Hopkins, K. D. PRODUCTION OF MONOSEX TILAPIA FRY BY BREEDING SEX-REVERSED FISH. *Ph.D. dissertation, Auburn Univ.* 44p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):1971. Nov. 1979. SFA 25(1)

71-004649 Howell, W. M. and Black, D. A. LOCATION OF THE NUCLEOLUS ORGANIZER REGIONS ON THE SEX CHROMOSOMES OF THE BANDED KILLIFISH, /FUNDULUS DIAPHANUS/. *Copeia* 1979 (3): 544-546. 1 Aug. 1979. SFA 24(4)

71-004650 Howell, W. M. and Villa, J. CHROMONSOMAL HOMOGENEITY IN TWO SYMPATRIC CYPRINID FISHES OF THE GENUS /RHINICHTHYS/. *Copeia* 1976(1):112-116. 12 Mar. 1976. SFA 21(1).

71-004651 Hudson, R. G.; G. B. Pardue and J. F. Roberts. ICTALURID CHROMOSOME PREPARATION BY CELL CULTURE AND SQUASH METHODS. *Prog. Fish-Cult.* 42(1):43-45. Jan. 1980. SFA 25(1)

71-004652 Hulata, G.; R. Moav and G. Wohlfarth. GENETIC DIFFERENCES BETWEEN THE CHINESE AND THE EUROPEAN RACES OF THE COMMON CARP III. GONAD ABNORMALITIES IN HYBRIDS. *J. Fish Biol.* 16(4):369-370. Apr. 1980. SFA 25(3)

71-004653 Imhof, M.; R. Leary and H. E. Booke. POPULATION OR STOCK STRUCTURE OF LAKE WHITEFISH, *COREGONUS CLUPEAFORMIS*, IN NORTHERN LAKE MICHIGAN AS ASSESSED BY ISOZYME ELECTROPHORESIS. *Can. J. Fish. Aquatic Sci.* 37(5):783-793. May 1980. In English with French summ. SFA 25(3)

71-004654 Iuchi, I.; Suzuki, R. and Yamagami, K. ONTOGENETIC EXPRESSION OF LARVAL AND ADULT HEMOGLOBIN PHENOTYPES IN THE INTERGENERIC SALMONID HYBRIDS. *J. Exp. Zool.* 192 (1): 57-64. Apr. 1975. SFA 22(2)

71-004655 Jamieson, A. and R. J. Turner. MUSCLE PROTEIN DIFFERENCES IN TWO EELS *ANGUILLA ANGUILLA* (LINNAEUS) AND *ANGUILLA ROSTRATA* (LE SEUER). *Biol. J. Linn. Soc.* 13(1):41-45. Feb. 1980. SFA 25(3)

71-004656 Kajishima, T. and Takeuchi, I. K. ULTRASTRUCTURAL ANALYSIS OF GENE INTERACTION AND MELANOSOME DIFFERENTIATION IN THE RETINAL PIGMENT CELLS OF THE ALBINO GOLDFISH. *J. Exp. Zool.* 200 (3): 349-358. June 1977. SFA 22(4)

71-004657 Kajishima, T. GENETIC AND DEVELOPMENTAL ANALYSIS OF SOME NEW COLOR MUTANTS IN THE GOLDFISH, /CARASSIUS AURATUS/. *Genetics* 86 (1): 161-174. May 1977. SFA 22(3)

71-004658 Kallman, K. D. and Borkoski, V. A SEX-LINKED GENE CONTROLLING THE ONSET OF SEXUAL MATURITY IN FEMALE AND MALE PLATYFISH (/XIPHOPHORUS MACULATUS/), FECUNDITY IN FEMALES AND ADULT SIZE IN MALES. *Genetics* 89 (1): 79-119. May 1978. SFA 23(4)

71-004659 Kanep, S. V. ANALYSIS OF VARIABILITY OF MORPHOLOGICAL, MERISTIC AND INTERNAL CHARACTERS OF WHITEFISHES (FAMILY COREGONIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 552-565. 1976. SFA 23(1)

71-004660 Kanevskaya, N. K. VARIABILITY OF THE BREAM (/ABRAMIS BRAMA/) IN LAKES, RIVERS AND RESERVOIRS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 396-399. 1975. SFA 21(4)

71-004661 Kaydanova, T. I. A STUDY OF THE KARYOTYPES OF THE BROWN TROUT, /SALMO TRUTTA/ MORPHA /FARIO/, OF THE ROPSHA POPULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(6):1007-1012. 1975. SFA 22(1)

71-004662 Kerby, J. H. DEVICE FOR PREPARING IMPROVED CHROMOSOME SQUASHES. *Prog. Fish-Cult.* 40 (3): 120. July 1978. SFA 24(1)

71-004663 Kerby, J. H. MERISTIC CHARACTERS OF TWO /MORONE/ HYBRIDS. *Copeia* 1979 (3): 513-518. 1 Aug. 1979. SFA 24(4)

71-004664 Khula-Bukhsh, A. R. A HIGH NUMBER OF CHROMOSOMES IN THE HILLSTREAM CYPRINID, *TOR PUTITORA* (PISCES). *Experientia (Basel)* 36(2):173-174. 15 Feb. 1980. SFA 25(2)

71-004665 Kijima, A. and Fujio, Y. [GEOGRAPHICAL DISTRIBUTION OF IDH AND LDH ISOZYMES IN CHUM SALMON POPULATION.] *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 287-295. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-004666 Kincaid, H. L. DEVELOPMENT OF STANDARD REFERENCE LINES OF RAINBOW TROUT. *Trans. Am. Fish. Soc.* 108(5):457-461. Sept. 1979. SFA 25(1)

71-004667 Kincaid, H. L. ROTATIONAL LINE CROSSING: AN APPROACH TO THE REDUCTION OF INBREEDING ACCUMULATION IN TROUT BROOD STOCKS. *Prog. Fish-Cult.* 39(4):179-181. Oct. 1977. SFA 23(1)

71-004668 Kincaid, H. L. EFFECTS OF INBREEDING ON RAINBOW TROUT POPULATIONS. *Trans. Am. Fish. Soc.* 105(2):273-280. Mar. 1976. SFA 21(2).

71-004669 Kinoshita, T. [POPULATION ANALYSIS OF THE JAPANESE ANCHOVY, /ENGRAULIS JAPONICA/, IN NORTHERN JAPAN BASED ON THE NUMBER OF GILL-RAKERS. I. SEASONAL AND ANNUAL DIFFERENCES IN THE RELATIONSHIP BETWEEN THE NUMBER OF GILL-RAKERS AND THE BODY LENGTH AMONG THE SAMPLES COLLECTED IN KAMIISO.] *Bull. Fac. Fish. Hokkaido Univ.* 28 (3): 118-126. Aug. 1977. In Japanese with English summ. SFA 23(3)

71-004670 Kinoshita, T. [POPULATION ANALYSIS OF THE JAPANESE ANCHOVY, /ENGRAULIS JAPONICA/, IN NORTHERN JAPAN BASED ON THE NUMBER OF GILL-RAKERS. II. COMPARISON OF LOCALITIES WITH REGARD TO THE NUMBER OF GILL-RAKERS.] *Bull. Fac. Fish. Hokkaido Univ.* 28 (3): 127-136. Aug. 1977. In Japanese with English summ. SFA 23(3)

71-004671 Kirby, R. F.; Thompson, K. W. and Hubbs, C. KARYOTYPIC SIMILARITIES BETWEEN THE MEXICAN AND BLIND TETRAS. *Copeia* 1977 (3): 578-580. 25 Aug. 1977. SFA 22(4)

71-004672 Klar, G. T. ADAPTIVE SIGNIFICANCE OF LACTATE DEHYDROGENASE B^2 ISOZYMES IN RAINBOW TROUT, /SALMO GAIRDNERI/ AND A BIOCHEMICAL GENETIC COMPARISON OF CUTTHROAT TROUT (/SALMO CLARKI/) POPULATIONS. *Ph.D. dissertation, Utah State Univ.* 111p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2078. Nov. 1978. SFA 24(1)

71-004673 Kligerman, A. D. and Bloom, S. E. RAPID CHROMOSOME PREPARATIONS FROM SOLID TISSUES OF FISHES. *J. Fish. Res. Board Can.* 34(2):266-269. Feb. 1977. In English with French summ. SFA 22(3)

71-004674 Klupp, R. GENETIC VARIANCE FOR GROWTH IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Aquaculture* 18(2):123-134. Oct. 1979. SFA 25(1)

71-004675 Kobayasi, H. HYBRIDIZATION IN JAPANESE FUNA, /CARASSIUS AURATUS/. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:193-208. 1976[1977]. In English and Japanese. SFA 24(4)

71-004676 Kobayasi, H.; Nakano, K. and Nakamura, M. [ON THE HYBRIDS, 4N GINBUNA (/CARASSIUS AURATUS LANGSDORFII/)XKINBUNA (/C. AURATUS/ SUBSP.), AND THEIR CHROMOSOMES.] *Bull. Jpn. Soc. Sci. Fish.* 43 (1): 31-37. Jan. 1977. In Japanese with English summ. SFA 22(3)

71-004677 Kormilin, V. V.; R. M. Tsoy; Zh. G. Sarsembayev and N. Ch. Artygaliyev. THE EFFECT OF CHEMICAL MUTAGENS ON SPERMATOZOA OF THE SILVER CARP, *HYPOPHTHALMICHTHYS MOLITRIX*, AND THE BIGHEAD, *ARISTICHTHYS NOBILIS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1030-1033. 1978. SFA 25(2)

71-004678 Kornfield, I. L. EVIDENCE FOR RAPID SPECIATION IN AFRICAN CICHLID FISHES. *Experientia (Basel)* 34 (3): 335-336. 15 Mar. 1978. SFA 23(3)

71-004679 Kornfield, I. L. and Koehn, R. K. GENETIC VARIATION AND SPECIATION IN NEW WORLD CICHLIDS. *Evolution* 29 (3): 427-437. Sept. 1975. SFA 22(1)

71-004680 Kott, E. and Humphreys, G. A COMPARISON BETWEEN TWO POPULATIONS OF THE JOHNNY DARTER, /ETHEOSTOMA NIGRUM NIGRUM/ (PERCIDAE), FROM ONTARIO, WITH NOTES ON OTHER POPULATIONS. *Can. J. Zool.* 56 (5): 1043-1051. May 1978. In English with French summ. SFA 23(4)

71-004681 Kozlov, V. I. and Shcherbina, Z. N. NATURAL HYBRIDS OF THE WHITE BREAM, /BLICCA BJOERKNA/, AND THE VIMBA, /VIMBA VIMBA/, IN THE KUBAN LAGOONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 68-74. 1976. SFA 22(3)

71-004682 Kristiansson, A. C. and McIntyre, J. D. GENETIC VARIATION IN CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) FROM THE COLUMBIA RIVER AND THREE OREGON COASTAL RIVERS. *Trans. Am. Fish. Soc.* 105 (5): 620-623. Sept. 1976. SFA 21(4).

71-004683 Kynard, B. and Curry, B. MERISTIC VARIATION IN THE THREE-SPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/, FROM AUKE LAKE, ALASKA. *Copeia* 1976(4):811-813. 30 Dec. 1976. SFA 22(2)

71-004684 Laarman, P. W. REPRODUCTION OF F(1) HYBRID SUNFISHES IN SMALL PONDS. *Prog. Fish-Cult.* 41(3):145-147. July 1979. SFA 25(1)

71-004685 Lanza, J. SELECTION PRESSURES AND EVOLUTION IN TWO ALL-FEMALE SPECIES OF FISH, /POECILIOPSIS MONACHA-LATIDENS/ AND /P. MONACHA-LUCIDA/. *Ph.D. dissertation, Univ. Conn.* 129p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5215. May 1979. SFA 24(3)

71-004686 Lapin, Yu. Ye. VARIABILITY IN THE NUMBER OF VERTEBRAE AND LARVAL MYOMERES IN THE WHITE SEA HERRING (/CLUPEA HARENGUS PALLASI NATIO MARIS-ALBI/) IN CONNECTION WITH ITS ECOLOGY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 466-476. 1974. SFA 21(2).

71-004687 Lear, W. H. and Misra, R. K. CLINAL VARIATION IN SCALE CHARACTERS OF ATLANTIC SALMON (/SALMO SALAR/) BASED ON DISCRIMINANT FUNCTION ANALYSIS. *J. Fish. Res. Board Can.* 35 (1): 43-47. Jan. 1978. In English with French summ. SFA 23(2)

71-004688 LeGrande, W. H. and T. M. Cavender. THE CHROMOSOME COMPLEMENT OF THE STONECAT MADTOM, *NOTURUS FLAVUS* (SILURIFORMES: ICTALURIDAE), WITH EVIDENCE FOR THE EXISTENCE OF A POSSIBLE CHROMOSOMAL RACE. *Copeia* 1980(2):341-344. 1 May 1980. SFA 25(3)

71-004689 LeGrande, W. H. and Fitzsimons, J. M. KARYOLOGY OF THE MULLETS /MUGIL CUREMA/ AND /M. CEPHALUS/ (PERCIFORMES: MUGILIDAE) FROM LOUISIANA. *Copeia* 1976 (2): 388-391. May 1976. SFA 21(2).

71-004690 LeGrande, W. H. KARYOLOGY OF SIX SPECIES OF LOUISIANA FLATFISHES (/PLEURONECTIFORMES: OSTEICHTHYES). *Copeia* 1975(3):516-522. 5 Aug. 1975. SFA 21(1).

71-004691 Leibel, W. S. THE ESTERASE DILEMMA: A COMPARATIVE BIOCHEMISTRY OF FISH ESTERASES. *Ph. D. dissertation, Yale Univ.* 299p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2490. Dec. 1979. SFA 25(2)

71-004692 Li, W.-H. RATE OF GENE SILENCING AT DUPLICATE LOCI: A THEORETICAL STUDY AND INTERPRETATION OF DATA FROM TETRAPLOID FISHES. *Genetics* 95(1):237-258. May 1980. SFA 25(4)

71-004693 Liu, S.-M.; K. Sezaki; K. Hashimoto and M. Nakamura. DISTRIBUTION OF POLYPLOIDS OF "GINBUNA": *CARASSIUS AURATUS LANGSDORFI* IN JAPAN. *Bull. Jpn. Soc. Sci. Fish.* 46(4):413-418. Apr. 1980. SFA 25(4)

71-004694 Liu, S.-M.; Sezaki, K.; Hashimoto, K.; Kobayasi, H. and Nakamura, M. SIMPLIFIED TECHNIQUES FOR DETERMINATION OF POLYPLOIDY IN GINBUNA /CARASSIUS AURATUS LANGSDORFI/. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 601-606. June 1978. SFA 23(4)

71-004695 Loudenslager, E. J. and Kitchin, R. M. GENETIC SIMILARITY OF TWO FORMS OF CUTTHROAT TROUT, /SALMO CLARKI/, IN WYOMING. *Copeia* 1979(4):673-678. 28 Nov. 1979. SFA 25(1)

71-004696 Loudenslager, E. J. and Thorgaard, G. H. KARYOTYPIC AND EVOLUTIONARY RELATIONSHIPS OF THE YELLOWSTONE (/SALMO CLARKI BOUVIERI/) AND WEST-SLOPE (/S. C. LEWISI/) CUTTHROAT TROUT. *J. Fish. Res. Board Can.* 36 (6): 630-635. June 1979. In English with French summ. SFA 24(4)

71-004697 Loudenslager, E. J. and G. A. E. Gall. GEOGRAPHIC PATTERNS OF PROTEIN VARIATION AND SUBSPECIATION IN CUTTHROAT TROUT, *SALMO CLARKI*. *Syst. Zool.* 29(1):27-42. Mar. 1980. SFA 25(3)

71-004698 Loudenslager, E. J. VARIATION IN THE GENETIC STRUCTURE OF POPULATIONS OF TWO POLYTYPIC VERTEBRATES, THE CUTTHROAT TROUT (/SALMO CLARKI/) AND THE DEER MOUSE (/PEROMYSCUS MANICULATUS/). *Ph.D. dissertation, Univ. Wyo.* 127p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1660. Oct. 1978. SFA 24(3)

71-004699 Lynch, J. C. and Vyse, E. R. GENETIC VARIABILITY AND DIVERGENCE IN GRAYLING, /THYMALLUS ARCTICUS/. *Genetics* 92 (1): 263-278. May 1979. SFA 24(4)

71-004700 Márián, T. and Z. Krasznai. COMPARATIVE KARYOLOGICAL STUDIES ON CHINESE CARPS. *Aquaculture* 18(4):325-336. Dec. 1979. SFA 25(2)

71-004701 Mackie, I. M. and Jones, B. W. THE USE OF ELECTROPHORESIS OF THE WATER-SOLUBLE (SARCOPLASMIC) PROTEINS OF FISH MUSCLE TO DIFFERENTIATE THE CLOSELY RELATED SPECIES OF HAKE (/MERLUCCIUS/ SP.). *Comp. Biochem. Physiol. B Comp. Biochem.* 59 (2): 95-98. 1978. SFA 23(3)

71-004702 MacLean, J. A. VARIATION AND NATURAL SELECTION IN A POPULATION OF STICKLEBACKS (/GASTEROSTEUS/). *Ph.D. dissertation, Univ. British Columbia* 1974. From Diss. Abstr. Int. B Sci. Eng. 35(11), 1975. [Order microfiche copy from the National Library of Canada at Ottawa.] SFA 21(1).

71-004703 Makeyeva, A. P. and Verigin, B. V. HYBRIDIZATION OF THE POND CARP [/CYPRINUS CARPIO/] WITH THE GRASS CARP [/CTENOPHARYNGODON IDELLA/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):254-259. 1974. SFA 21(2).

71-004704 Makeyeva, A. P. THE PHENOMENON OF HYBRID GYNOGENESIS IN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 72-81. 1975. SFA 21(2).

71-004705 Maksimov, V. A. PARALLEL VARIABILITY IN SPECIES OF THE GENUS /SALMO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 693-701. 1976. SFA 23(2)

71-004706 Mauro, M. L. and Micheli, G. DNA REASSOCIATION KINETICS IN DIPLOID AND PHYLOGENTICALLY TETRAPLOID CYPRINIDAE. *J. Exp. Zool.* 208 (3): 407-416. June 1979. SFA 24(4)

71-004707 May, B.; Stoneking, M. and Wright, J. E., Jr. JOINT SEGREGATION OF MALATE DEHYDROGENASE AND DIAPHORASE LOCI IN BROWN TROUT (/SALMO TRUTTA/). *Trans. Am. Fish. Soc.* 108(4):373-377. July 1979. SFA 25(1)

71-004708 May, B.; Wright, J. E. and Stoneking, M. JOINT SEGREGATION OF BIOCHEMICAL LOCI IN SALMONIDAE: RESULTS FROM EXPERIMENTS WITH /SALVELINUS/ AND REVIEW OF THE LITERATURE ON OTHER SPECIES. *J. Fish. Res. Board Can.* 36(9):1114-1128. Sept. 1979. In English with French summ. SFA 25(1)

71-004709 McGlade, J. and MacCrimmon, H. TAXONOMIC CONGRUENCE IN THREE POPULATIONS OF QUEBEC BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL). *Can. J. Zool.* 57(10):1998-2009. Oct. 1979. In English with French summ. SFA 25(1)

71-004710 McKenzie, J. A. and Martin, C. TRANSFERRIN POLYMORPHISM IN BLUEBACK HERRING, /ALOSA AESTIVALIS/ (MITCHILL). *Can. J. Zool.* 53 (11): 1479-1482. Nov. 1975. In English with French summ. SFA 22(1)

71-004711 Medvedeva, E. D. [INTRAPOPULATION VARIABILITY OF CHONDROCRANIUM AND SOME OTHER OSTEOLOGICAL CHARACTERS IN THE GENUS /SALVELINUS/ (SALMONIFORMES, SALMONIDAE) ON THE BERING ISLAND (COMMANDER ISLANDS).] *Zool. Zh.* 56 (4): 563-575. Apr. 1977. In Russian with English summ. SFA 22(4)

71-004712 Medvedeva, E. D. [INTRAPOPULATION VARIATION OF SOME SKULL MEMBRANE BONES IN /SALVELINUS ALPINUS/ (SALMONIFORMES, SALMONIDAE) ON THE BERING ISLAND (COMMANDER ISLANDS).] *Zool. Zh.* 56 (5): 725-735. May 1977. In Russian with English summ. SFA 22(4)

71-004713 Menzel, B. W. MORPHOLOGICAL AND ELECTROPHORETIC IDENTIFICATION OF A HYBRID CYPRINID FISH, /NOTROPIS CERASINUS/ X /NOTROPIS C. CORNUTUS/, WITH IMPLICATIONS ON THE EVOLUTION OF /NOTROPIS ALBEOLUS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 57 (3): 215-218. 1977. SFA 22(4)

71-004714 Menzel, B. W. THREE HYBRID COMBINATIONS OF MINNOWS (CYPRINIDAE) INVOLVING MEMBERS OF THE COMMON SHINER SPECIES COMPLEX (GENUS /NOTROPIS/, SUBGENUS /LUXILUS/). *Am. Midl. Nat.* 99 (1): 249-256. Jan. 1978. SFA 23(3)

71-004715 Merritt, R. B.; Rogers, J. F. and Kurz, B. J. GENIC VARIABILITY IN THE LONGNOSE DACE, /RHINICHTHYS CATARACTAE/. *Evolution* 32 (1): 116-124. Mar. 1978. SFA 23(3)

71-004716 Mikhaylin, S. V. THE INTRASPECIFIC VARIABILITY OF THE FROSTFISH, /LEPIDOPUS CAUDATUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 201-210. 1977. SFA 23(3)

71-004717 Mitchell, C. P. and D. Scott. MUSCLE MYOGENS IN THE NEW ZEALAND GALAXIIDAE. *N.Z. J. Mar. Freshwater Res.* 13(2):285-294. 1979. SFA 25(2)

71-004718 Moffatt, N. M. and Thomson, D. A. RECIPROCAL HYBRIDIZATION BETWEEN THE CALIFORNIA AND GULF OF CALIFORNIA GRUNIONS, /LEURESTHES TENUIS/ AND /LEURESTHES SARDINA/ (ATHERINIDAE). *NOAA Fish. Bull.* 76(2):476-480. Apr. 1978. SFA 23(4)

71-004719 Monaco, P. J.; Rasch, E. M. and Balsano, J. S. CYTOLOGICAL EVIDENCE FOR TEMPORAL DIFFERENCES DURING THE ASYNCHRONOUS OVARIAN MATURATION OF BISEXUAL AND UNISEXUAL FISHES OF THE GENUS /POECILIA/. *J. Fish Biol.* 13 (1): 33-44. July 1978. SFA 23(4)

71-004720 Moore, F. D. and A. M. White. LACTATE DEHYDROGENASE ISOZYME PATTERN OF NATURAL LONGNOSE DACE X BLACKNOSE DACE HYBRIDS. *Ohio J. Sci.* 80:14. 1980. Abstract only. SFA 25(2)

71-004721 Moore, W. S. A HISTOCOMPATIBILITY ANALYSIS OF INHERITANCE IN THE UNISEXUAL FISH /POECILIOPSIS 2 MONACHA-LUCIDA/. *Copeia* 1977 (2): 213-223. 25 May 1977. SFA 22(3)

71-004722 Morgan, R. P. II and Ulanowicz, N. I. THE FREQUENCY OF MUSCLE PROTEIN POLYMORPHISM IN /MENIDIA MENIDIA/ (ATHERINIDAE) ALONG THE ATLANTIC COAST. *Copeia* 1976(2):356-360. May 1976. SFA 21(2).

71-004723 Morizot, D. C. and M. J. Siciliano. POLYMORPHISMS, LINKAGE AND MAPPING OF FOUR ENZYME LOCI IN THE FISH GENUS *XIPHOPHORUS* (POECILIIDAE). *Genetics* 93(4):947-960. Dec. 1979. SFA 25(2)

71-004724 Mrakovcic, M. and Haley, L. E. INBREEDING DEPRESSION IN THE ZEBRA FISH /BRACHYDANIO RERIO/ (HAMILTON BUCHANAN). *J. Fish Biol.* 15(3):323-327. Sept. 1979. SFA 25(1)

71-004725 Murofushi, M. and Yosida, T. H. CYTOGENETICAL STUDIES ON FISHES, II. KARYOTYPES OF FOUR CARANGID FISHES. *Jpn. J. Genet.* 54(5):367-370. Oct. 1979. SFA 25(1)

71-004726 Murofushi, M. and Yosida, T. H. CYTOGENETICAL STUDIES ON FISHES, I. KARYOTYPES OF FOUR FILEFISHES. *Jpn. J. Genet.* 54 (3): 191-195. June 1979. SFA 24(4)

71-004727 Murofushi, M.; S. Oikawa; S. Nishikawa and T. H. Yosida. CYTOGENETICAL STUDIES ON FISHES, III. MULTIPLE SEX CHROMOSOME MECHANISM IN THE FILEFISH, *STEPHANOLEPIS CIRRHIFER*. *Jpn. J. Genet.* 55(2):127-132. Apr. 1980. SFA 25(3)

71-004728 Nagy, A.; Rajki, K.; Horvath, L. and Csanyi, V. INVESTIGATION ON CARP, /CYPRINUS CARPIO/ L. GYNOGENESIS. *J. Fish Biol.* 13 (2): 215-224. Aug. 1978. SFA 24(1)

71-004729 Nayudu, P. L. and Hunter, C. R. GENETIC CONTROL OF MELANOPHORE ULTRASTRUCTURE IN /POECILIA RETICULATA/. *J. Fish Biol.* 13 (4): 453-456. Oct. 1978. SFA 24(1)

71-004730 Nayudu, P. L. and Hunter, C. R. CYTOLOGICAL ASPECTS AND DIFFERENTIAL RESPONSE TO MELATONIN OF MELANOPHORE BASED COLOR MUTANTS IN THE GUPPY, /POECILIA RETICULATA/. *Copeia* 1979 (2): 232-242. 18 May 1979. SFA 24(3)

71-004731 Nayudu, P. L. GENETIC STUDIES OF MELANIC COLOR PATTERNS AND ATYPICAL SEX DETERMINATION IN THE GUPPY, /POECILIA RETICULATA/. *Copeia* 1979 (2): 225-231. 18 May 1979. SFA 24(3)

71-004732 Neff, N. A. and Smith, G. R. MULTIVARIATE ANALYSIS OF HYBRID FISHES. *Syst. Zool.* 28 (2): 176-196. June 1979. SFA 24(4)

71-004733 Nelson, J. S. EVIDENCE OF A GENETIC BASIS FOR ABSENCE OF THE PELVIC SKELETON IN BROOK STICKLEBACK, /CULAEA INCONSTANS/, AND NOTES ON THE GEOGRAPHICAL DISTRIBUTION AND ORIGIN OF THE LOSS. *J. Fish. Res. Board Can.* 34 (9): 1314-1320. Sept. 1977. In English with French summ. SFA 22(4)

71-004734 Nelson, J. S. HYBRIDIZATION BETWEEN /CATOSTOMUS COMMERSONI/ (WHITE SUCKER) AND /CATOSTOMUS MACROCHEILUS/ (LARGESCALE SUCKER) IN WILLISTON RESERVOIR, BRITISH COLUMBIA, WITH NOTES ON OTHER FISHES. *Syesis* 7: 187-194. 1974. SFA 23(3)

71-004735 Ney, J. J. and Smith, L. L., Jr. SERUM PROTEIN VARIABILITY IN GEOGRAPHICALLY-DEFINED BLUEGILL (/LEPOMIS MACROCHIRUS/) POPULATIONS. *Trans. Am. Fish. Soc.* 105 (2): 281-290. Mar. 1976. SFA 21(2).

71-004736 Nickerson, R. B. SEPARATION OF SOME PINK SALMON (/ONCORHYNCHUS GORBUSCHA/ WALBAUM) SUB-POPULATIONS IN PRINCE WILLIAM SOUND, ALASKA BY LENGTH-WEIGHT RELATIONSHIPS AND HORIZONTAL STARCH GEL ELECTROPHORESIS. *Alaska Dep. Fish Game Inf. Leafl.* No. 181. 36p. May 1979. SFA 24(4)

71-004737 NUCLEAR TRANSPLANTATION IN TELEOSTS. I. HYBRID FISH FROM THE NUCLEUS OF CARP AND THE CYTOPLASM OF CRUCIAN. *Sci. Sin.* 23(4):517-525. Apr. 1980. SFA 25(3)

71-004738 Ojima, Y. and A. Takai. FURTHER CYTOGENETICAL STUDIES ON THE ORIGIN OF THE GOLD-FISH. *Proc. Jpn. Acad. B. Phys. Biol. Sci.* 55(7):346-350. Sept. 1979. SFA 25(2)

71-004739 Ojima, Y. and A. Takai. THE OCCURRENCE OF SPONTANEOUS POLYPLOID IN THE JAPANESE COMMON LOACH, *MISGURNUS ANGUICAUDATUS*. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 55(10):487-491. Dec. 1979. SFA 25(4)

71-004740 Ojima, Y. and E. Kashiwagi. A KARYOTYPE STUDY OF ELEVEN SPECIES OF LABRID FISHES FROM JAPAN. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 45(6):280-285. June 1979. SFA 25(2)

71-004741 Ojima, Y. PREPARATION OF CELL-CULTURES FOR CHROMOSOME STUDIES OF FISHES. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 54 (3): 116-120. Mar. 1978. SFA 24(2)

71-004742 Otto, R. S. ISOENZYME SYSTEMS OF THE STRIPED BASS (/MORONE SAXATILIS/) AND CONGENERIC PERCICHTHYID FISHES. *Ph.D. dissertation, Univ. Maine* 71p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-004743 Outten, L. M. ADDITIONAL COMPARATIVE STUDIES OF CYPRINID FISHES IN THE SOUTHEAST. *J. Elisha Mitchell Sci. Soc.* 93 (2): 101-102. 1977. Abstract only. SFA 23(4)

71-004744 Page, L. M. NATURAL DARTER HYBRIDS: /ETHEOSTOMA GRACILE/ X /PERCINA MACULATA/, /PERCINA CAPRODES/ X /PERCINA MACULATA/, AND /PERCINA PHOXOCEPHALA/ X /PERCINA MACULATA/. *Southwest. Nat.* 21 (2): 161-168. 25 June 1976. SFA 22(2)

71-004745 Pantelouris, E. M. ASPARTATE AMINOTRANSFERASE VARIATION IN THE ATLANTIC EEL. *J. Exp. Mar. Biol. Ecol.* 22 (2): 123-130. May 1976. SFA 21(3).

71-004746 Pantelouris, E. M.; Arnason, A. and Bumpus, R. NEW OBSERVATIONS ON ESTERASE VARIATION IN THE ATLANTIC EEL. *J. Exp. Mar. Biol. Ecol.* 22 (2): 113-121. May 1976. SFA 21(3).

71-004747 Park, E. H. and Park, S. D. A CULTURE TECHNIQUE USING MARINE FISH KIDNEY TO OBTAIN CHROMOSOMES. *J. Fish. Res. Board Can.* 36 (4): 458-461. Apr. 1979. In English with French summ. SFA 24(3)

71-004748 Payusova, A. N. ELECTROPHORETIC ANALYSIS OF THE BLOOD SERUM OF TWO SPECIES OF ISSYK-KUL DACE - *LEUCISCUS SCHMIDTI* AND *L. BERGI*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):800-806. 1978. SFA 25(2)

71-004749 Philipp, D. P. and Whitt, G. S. PATTERNS OF GENE EXPRESSION DURING TELEOST EMBRYOGENESIS: LACTATE DEHYDROGENASE ISOZYME ONTOGENY IN THE MEDAKA (/ORYZIAS LATIPES/). *Dev. Biol.* 59 (2): 183-197. Sept. 1977. SFA 22(4)

71-004750 Philipp, D. P.; W. F. Childers and G. S. Whitt. EVOLUTION OF PATTERNS OF DIFFERENTIAL GENE EXPRESSION: A COMPARISON OF THE TEMPORAL AND SPATIAL PATTERNS OF ISOZYME LOCUS EXPRESSION IN TWO CLOSELY RELATED FISH SPECIES (NORTHERN LARGEMOUTH BASS, *MICROPTERUS SALMOIDES SALMOIDES*, AND SMALLMOUTH BASS, *MICROPTERUS DOLOMIEUI*). *J. Exp. Zool.* 210(3):473-488. Dec. 1979. SFA 25(2)

71-004751 Pierce, D. E. and Howe, A. B. A FURTHER STUDY ON WINTER FLOUNDER GROUP INDENTIFICATION OFF MASSACHUSETTS. *Trans. Am. Fish. Soc.* 106 (2): 131-139. Mar. 1977. SFA 22(3)

71-004752 Place, A. R. and Powers, D. A. GENETIC VARIATION AND RELATIVE CATALYTIC EFFICIENCIES: LACTATE DEHYDROGENASE B ALLOZYMES OF /FUNDULUS HETEROCLITUS/. *Proc. Natl. Acad. Sci. U.S.A.* 76 (5): 2354-2358. May 1979. SFA 24(3)

71-004753 Poltorykhina, A. N. MORPHOLOGICAL CHARACTERISTICS AND VARIABILITY OF THE SIBERIAN LAMPREY [/LAMPETRA JAPONICA KESSLERI/] FROM THE UPPER IRTYSH BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):192-202. 1974. SFA 21(2).

71-004754 Pontier, P. J. and Hart, N. H. CREATINE KINASE GENE EXPRESSION DURING THE DEVELOPMENT OF /BRACHYDANIO/. *J. Exp. Zool.* 209(2):283-296. Aug. 1979. SFA 25(1)

71-004755 Pontier, P. J. GENETIC CONTROL OF ISOZYME EXPRESSION DURING THE DEVELOPMENT OF TWO TELEOSTS, *BRACHYDANIO RERIO* AND *BRACHYDANIO ALBOLINEATUS*. *Ph.D. dissertation, Rutgers Univ.* 209p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(7):3045. Jan. 1980. SFA 25(2)

71-004756 Rachid, B. MISE AU POINT D'UNE METHODE D'IDENTIFICATION DES POPULATIONS DE SARDINES PAR ELECTROPHORESE DES PROTEINES SOLUBLES DU NOYAU CRISTALLIN. [DESCRIPTION OF A METHOD OF IDENTIFICATION OF SARDINE POPULATIONS BY ELECTROPHORESIS OF SOLUBLE PROTEINS OF LENS NUCLEI.] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 3-55. June 1978. In French with English summ. SFA 23(4)

71-004757 Rachlin, J. W.; Beck, A. P. and O'Connor, J. M. KARYOTYPIC ANALYSIS OF THE HUDSON RIVER STRIPED BASS, /MORONE SAXATILIS/. *Copeia* 1978 (2): 343-345. 5 May 1978. SFA 23(3)

71-004758 Ramirez, S. A. A MODIFIED TECHNIQUE FOR FISH KARYOTYPE ANALYSIS USING SCALE EPITHELIUM. *Copeia* 1980(3):543-545. 6 Sept. 1980. SFA 25(4)

71-004759 Reinitz, G. L. TEST FOR ASSOCIATION OF TRANSFERRIN AND LACTATE DEHYDROGENASE PHENOTYPES WITH WEIGHT GAIN IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (12): 2333-2337. Dec. 1977. In English with French summ. SFA 23(2)

71-004760 Reinitz, G. L. INHERITANCE OF MUSCLE AND LIVER TYPES OF SUPERNATANT NADP-DEPENDENT ISOCITRATE DEHYDROGENASE IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Biochem. Genet.* 15 (5-6): 445-454. June 1977. SFA 22(4)

71-004761 Reinitz, G. L. ELECTROPHORETIC DISTINCTION OF RAINBOW TROUT (/SALMO GAIRDNERI/), WEST-SLOPE CUTTHROAT TROUT (/S. CLARKI/), AND THEIR HYBRIDS. *J. Fish. Res. Board Can.* 34 (8): 1236-1239. Aug. 1977. In English with French Summ. SFA 22(4)

71-004762 Riddell, B. E. ENVIRONMENTAL AND GENETIC SOURCES OF GEOGRAPHIC VARIATION IN POPULATIONS OF ATLANTIC SALMON, *SALMO SALAR* LINNAEUS. *Ph.D. dissertation, McGill Univ. (Canada)* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4104. Mar. 1980. SFA 25(2)

71-004763 Rishi, K. K. A PRELIMINARY REPORT ON THE KARYOTYPES OF EIGHTEEN MARINE FISHES. *Res. Bull. Panjab Univ. Sci.* 24 (3,4): 161-162. Dec. 1973. SFA 24(1)

71-004764 Rishi, K. K. SOMATIC G-BANDED CHROMOSOMES OF /COLISA FASCIATUS/ (PERCIFORMES: BELONTIDAE) AND CONFIRMATION OF FEMALE HETEROGAMETY. *Copeia* 1979 (1): 146-149. 20 Feb. 1979. SFA 24(2)

71-004765 Ronquillo, I. A. A REVIEW OF THE ROUNDSCAD FISHERY IN THE PHILIPPINES. *Philipp. J. Fish.* 11(1-2):86-126. 1973. SFA 22(1)

71-004766 Ross, M. R. and Cavender, T. M. FIRST REPORT OF THE NATURAL CYPRINID HYBRID, /NOTROPIS CORNUTUS/ X /RHINICHTHYS CATARACTAE/, FROM OHIO. *Copeia* 1977(4):777-780. 25 Nov. 1977. SFA 23(1)

71-004767 Rourke, A. W. and Wallace, R. L. A MORPHOLOGICAL AND ELECTROPHORETIC COMPARISON OF HENRY'S LAKE /SALMO CLARKI/ AND /SALMO CLARKI/ X /SALMO GAIRDNERI/ HYBRIDS. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 447-451. 1978. SFA 23(4)

71-004768 Rudenko, O. B. and R. M. Tsoy. EFFECTIVENESS OF THE COMBINED ACTION OF TWO CHEMICAL MUTAGENS ON THE SPERM OF THE CARP, *CYPRINUS CARPIO*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):161-164. 1979. SFA 25(4)

71-004769 Russell, H. A. and Jeffrey, J. E. SERUM TRANSFERRIN POLYMORPHISM IN GREY TROUT, /CYNOSCION REGALIS/, FROM THE LOWER RAPPAHANNOCK RIVER. *Estuaries* 2(4):269-270. Dec. 1979. SFA 25(1)

71-004770 Ryabov, I. C. MORPHOLOGICAL CHARACTERISTICS OF THE FRY OF A CARP X ROSY BARB /CYPRINUS CARPIO/ L. X /PUNTIUS CONCHONIUS/ (HAM. ET BUCH.) HYBRID. *Moscow Univ. Biol. Sci. Bull.* 33(2):44-47. 1978. SFA 24(4)

71-004771 Ryabov, I. N. FEATURES OF THE EMBRYONIC AND LARVAL DEVELOPMENT OF THE HYBRID OF THE CARP, /CYRPINUS CARPIO/, AND THE "FIERY /PUNTIUS/", /PUNTIUS CONCHONIUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):577-588. 1978. SFA 25(1)

71-004772 Ryabov, I. N. EMBRYONIC AND LARVAL DEVELOPMENT OF CARP (/CYPRINUS CARPIO/) X "KOREAN SAWBELLY" (/HEMICULTER EIGENMANNI/) HYBRIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):438-450. 1975. SFA 21(4)

71-004773 Ryman, N.; Allendorf, F. W. and Stahl, G. REPRODUCTIVE ISOLATION WITH LITTLE GENETIC DIVERGENCE IN SYMPATRIC POPULATIONS OF BROWN TROUT (/SALMO TRUTTA/). *Genetics* 92 (1): 247-262. May 1979. SFA 24(4)

71-004774 Savvaitova, K. A.; Maksimov, V. A. and Medvedeva, Ye. D. THE FROLIKHA CHAR, /SALVELINUS ALPINUS ERYTHRINUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 181-195. 1977. SFA 23(3)

71-004775 Savvaitova, K. A. THE POPULATION STRUCTURE OF /SALMO MYKISS/ IN KAMCHATKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 876-888. 1975. SFA 22(1)

71-004776 Scholl, A.; Corzillius, B. and Villwock, W. BEITRAG ZUR VERWANDTSCHAFTSANALYSE ALTWELTLICHER ZAHNKARPFEN DER TRIBUS APHANIINI (PISCES, CYPRINODONTIDAE) MIT HILFE ELEKTROPHORETISCHER UNTERSUCHUNGSMETHODEN. [CONTRIBUTION TO THE GENETIC RELATIONSHIP OF OLD WORLD APHANIINI (PISCES, CYPRINIDONTIDAE) WITH SPECIAL REFERENCE TO ELECTROPHORETIC TECHNIQUES.] *Z. Zool. Syst. Evolutionsforsch.* 16 (2): 116-132. Aug. 1978. In German with English and French summ. SFA 24(1)

71-004777 Schreibman, M. P. and Kallman, K. D. THE GENETIC CONTROL OF SEXUAL MATURATION IN THE TELEOST, /XIPHOPHORUS MACULATUS/ (POECILIIDAE); A REVIEW. *Ann. Biol. Anim. Biochim. Biophys.* 18 (4): 957-962. 1978. SFA 24(1)

71-004778 Schreibman, M. P. and Kallman, K. D. THE GENETIC CONTROL OF THE PITUITARY-GONADAL AXIS IN THE PLATYFISH, /XIPHOPHORUS MACULATUS/. *J. Exp. Zool.* 200 (2): 277-294. May 1977. SFA 22(3)

71-004779 Schultz, R. J. ROLE OF POLYPLOIDY IN THE EVOLUTION OF FISHES. IN W. H. Lewis, ed. *Polyploidy: Biological Relevance*. Plenum Publ. Corp., New York, NY. p. 313-340. 1980. SFA 25(3)

71-004780 Serns, S. L. and McKnight, T. C. THE OCCURRENCE OF NORTHERN PIKE X GRASS PICKEREL HYBRIDS AND AN EXCEPTIONALLY LARGE GRASS PICKEREL IN A NORTHERN WISCONSIN STREAM. *Copeia* 1977(4):780-781. 25 Nov. 1977. SFA 23(1)

71-004781 Serobaba, I. I. DATA ON THE POPULATION STRUCTURE OF THE WALLEYE POLLACK, /THERAGRA CHALCOGRAMMA/, FROM THE BERING SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 219-231. 1977. SFA 23(3)

71-004782 Serra, V. and R. Mandarino. SHORT PERIOD INTERSPERSION PATTERN IN THE GENOME OF A TELEOSTEAN FISH. *J. Exp. Zool.* 210(3):515-520. Dec. 1979. SFA 25(2)

71-004783 Severin, S. O. THE KARYOTYPE OF THE EUROPEAN GRAYLING, *THYMALLUS THYMALLUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):44-48. 1979. SFA 25(4)

71-004784 Sezaki, K. and Kobayasi, H. COMPARISON OF ERYTHROCYTIC SIZE BETWEEN DIPLOID AND TETRAPLOID IN SPINOUS LOACH, /COBITIS BIWAE/. *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 851-854. Aug. 1978. SFA 24(1)

71-004785 Shaklee, J. B. and Whitt, G. S. PATTERNS OF ENZYME ONTOGENY IN DEVELOPING SUNFISH. *Differentiation* 9: 85-95. 1977. SFA 23(2)

71-004786 Shapiro, D. Y. SERIAL FEMALE SEX CHANGES AFTER SIMULTANEOUS REMOVAL OF MALES FROM SOCIAL GROUPS OF CORAL REEF FISH. *Science* 209(4461):1136-1137. 5 Sept. 1980. SFA 25(4)

71-004787 Sharp, J. C.; Able, K. W.; Leggett, W. C. and Carscadden, J. E. UTILITY OF MERISTIC AND MORPHOMETRIC CHARACTERS FOR IDENTIFICATION OF CAPELIN (/MALLOTUS VILLOSUS/) STOCKS IN CANADIAN ATLANTIC WATERS. *J. Fish. Res. Board Can.* 35 (1): 124-130. Jan. 1978. In English with French summ. SFA 23(2)

71-004788 Shinderite, V. S. and Vasil'yev, V. P. THE KARYOTYPE OF THE VIMBA, /VIMBA VIMBA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 323-327. 1976. SFA 22(3)

71-004789 Shirkova, A. P. HYBRID WHITEFISHES OF THE GENUS /COREGONUS/ FROM LAKE LADOGA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 253-258. 1977. SFA 23(3)

71-004790 Shpak, V. M. MORPHOMETRIC DESCRIPTION OF THE "SOUTHERN PUTASSU" /MICROMESISTIUS AUSTRALIS/ NORMAN FROM THE AREA OF THE NEW ZEALAND PLATEAU WITH NOTES ON THE DIAGNOSIS OF THE GENUS /MICROMESISTIUS/ GILL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 175-181. 1975. SFA 21(3).

71-004791 Shubin, P. N. ELECTROPHORETIC STUDIES OF HEMOGLOBIN AND PROTEIN IN THE BLOOD SERUM OF THE EUROPEAN GRAYLING, *THYMALLUS THYMALLUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):161-164. 1979. SFA 25(4)

71-004792 Sidell, B. D. and K. F. Beland. LACTATE DEHYDROGENASES OF ATLANTIC HAGFISH: PHYSIOLOGICAL AND EVOLUTIONARY IMPLICATIONS OF A PRIMITIVE HEART ISOZYME. *Science* 207(4432):769-770. 15 Feb. 1980. SFA 25(2)

71-004793 Sidell, B. D.; R. G. Otto; D. A. Powers; M. Karweit and J. Smith. APPARENT GENETIC HOMOGENEITY OF SPAWNING STRIPED BASS IN THE UPPER CHESAPEAKE BAY. *Trans. Am. Fish. Soc.* 109(1):99-107. Jan. 1980. SFA 25(2)

71-004794 Simanek, D. E. POPULATION GENETICS AND EVOLUTION IN THE /POECILIA FORMOSA/ COMPLEX (PISCES: POECILIIDAE). *Ph.D. dissertation, Yale Univ.* 242p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2133. Nov. 1978. SFA 24(1)

71-004795 Skow, L. C. SERUM ESTERASE VARIATION IN CHANNEL CATFISH: GENETIC AND POPULATION ANALYSIS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:57-62. 1975[1976]. SFA 22(3)

71-004796 Slyn'ko, V. I. and Semenova, S. K. ESTERASE AS A SEX-LINKED CHARACTERISTIC IN SALMON. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 243 (1-6): 555-556. Nov.-Dec. 1978. SFA 24(4)

71-004797 Smirnov, A. I. THE VARIABILITY OF THE BLACK SEA-AZOV TOAD-GOBY, *MESOGOBIUS BATRACHOCEPHALUS. J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1010-1013. 1978. SFA 25(2)

71-004798 Smith, A. C. PATHOLOGY AND BIOCHEMICAL GENETIC VARIATION IN THE MILKFISH, /CHANOS CHANOS/. *J. Fish Biol.* 13 (2): 173-177. Aug. 1978. SFA 24(1)

71-004799 Smith, M. W. BIOCHEMICAL VARIATION IN THE MOSQUITOFISH. THE SAVANNAH RIVER DRAINAGE. *Bull. S.C. Acad. Sci.* 40: 36. 1978. Abstract only. SFA 23(3)

71-004800 Smith, P. J. and Jamieson, A. ENZYME POLYMORPHISMS IN THE ATLANTIC MACKEREL, /SCOMBER SCOMBRUS/ L. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 487-489. 1978. SFA 23(4)

71-004801 Smith, P. J.; Francis, R. I. C. C. and Paul, L. J. GENETIC VARIATION AND POPULATION STRUCTURE IN THE NEW ZEALAND SNAPPER. *N.Z. Mar. Freshwater Res.* 12 (4): 343-350. Dec. 1978. SFA 24(4)

71-004802 Smith, P. J.; G. J. Patchell and P. G. Benson. GLUCOSEPHOSPHATE ISOMERASE AND ISOCITRATE DEHYDROGENASE POLYMORPHISMS IN THE HAKE, *MERLUCCIUS AUSTRALIS. N.Z. J. Mar. Freshwater Res.* 13(4):545-547. 1979. SFA 25(3)

71-004803 Solomon, D. J. and Child, A. R. IDENTIFICATION OF JUVENILE NATURAL HYBRIDS BETWEEN ATLANTIC SALMON (/SALMO SALAR/ L.) AND TROUT (/SALMO TRUTTA/ L.). *J. Fish Biol.* 12 (5): 499-501. May 1978. SFA 23(4)

71-004804 Stanley, J. G. and Thomas, A. E. ABSENCE OF SEX REVERSAL IN UNISEX GRASS CARP FED METHYLTESTOSTERONE. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 194-199. 1978. SFA 24(1)

71-004805 Stanley, J. G. PRODUCTION OF HYBRID, ANDROGENETIC, AND GYNOGENETIC GRASS CARP AND CARP. *Trans. Am. Fish. Soc.* 105(1):10-16. Jan. 1976. SFA 21(1).

71-004806 Stanley, J. G. and Jones, J. B. MORPHOLOGY OF ANDROGENETIC AND GYNOGENETIC GRASS CARP, /CTENOPHARYNGODON IDELLA/ (VALENCIENNES). *J. Fish Biol.* 9(6):523-528. Dec. 1976. SFA 22(2)

71-004807 Stauffer, J. R., Jr.; Hocutt, C. H. and Denoncourt, R. F. STATUS AND DISTRIBUTION OF THE HYBRID /NOCOMIS MICROPOGON/ X /RHINICHTHYS CATARACTAE/, WITH A DISCUSSION OF HYBRIDIZATION AS A VIABLE MODE OF VERTEBRATE SPECIATION. *Am. Midl. Nat.* 101(2):355-365. Apr. 1979. SFA 24(4)

71-004808 Stauffer, J. R., Jr.; Hocutt, C. H. and Denoncourt, R. F. AN INTERGENERIC CYPRINID HYBRID, /NOCOMIS PLATYRHYNCUS/ X /NOTROPIS CHRYSOCEPHALUS/, FROM THE GREENBRIER RIVER DRAINAGE IN WEST VIRGINIA. *Copeia* 1977(1):172-173. 16 Mar. 1977. SFA 22(3)

71-004809 Stevenson, M. M. A COMPARATIVE CHROMOSOME STUDY IN THE PUPFISH GENUS /CYPRINODON/ (TELEOSTEI: CYPRINODONTIDAE). *Ph.D. dissertation, Univ. Okla.* 103p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-004810 Strommen, C. A.; Rasch, E. M. and Balsano, J. S. CYTOGENETIC STUDIES OF /POECILIA/ (PISCES) V. CYTOPHOTOMETRIC EVIDENCE FOR THE PRODUCTION OF FERTILE OFFSPRING BY TRIPLOIDS RELATED TO /POECILIA FORMOSA/. *J. Fish Biol.* 7 (5): 667-676. Sept. 1975. SFA 22(2)

71-004811 Subba Rao, R. and Chandrasekaran, G. PRELIMINARY REPORT ON HYBRIDIZATION EXPERIMENTS IN TROUT--GROWTH AND SURVIVAL OF F(1) HYBRIDS. *Aquaculture* 15 (3): 297-300. Nov. 1978. SFA 24(2)

71-004812 Sutterlin, A. M.; MacFarlane, L. R. and Harmon, P. GROWTH AND SALINITY TOLERANCE IN HYBRIDS WITHIN /SALMO/ SP. AND /SALVELINUS/ SP. *Aquaculture* 12 (1): 41-52. Sept. 1977. SFA 23(1)

71-004813 Suvorova, T. F. DESCRIPTION OF THE MORPHOLOGICAL CHARACTERS OF THE BREAM, /ABRAMIS BRAMA/, AND WHITE BREAM, /BLICCA BJOERKNA/, OF SVIYAGA BAY, KUYBYSHEV RESERVOIR, IN CONNECTION WITH THE BIOLOGICAL HETEROGENEITY OF LOCAL POPULATIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 1002-1007. 1975. SFA 22(1)

71-004814 Suzuki, R. [CROSS-BREEDING EXPERIMENTS ON THE SALMONID FISH IN JAPAN.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:175-188. 1976[1977]. In Japanese with English summ. SFA 24(4)

71-004815 Swank, S. E. THE EVOLUTIONARY GENETICS OF INTERTIDAL FISH OF THE GENUS /CLINOCOTTUS/. *Am. Zool.* 18 (3): 634. 1978. Abstract only. SFA 24(2)

71-004816 Takahashi, T. STUDIES ON THE ECOLOGY OF THE HERRING IN THE NORTHERN PART OF THE OKHOTSK SEA IN SUMMER--III. GEOGRAPHICAL VARIATIONS IN FORK LENGTH AND SCALE PATTERN IN 4 YEAR-OLD GROUP. *Bull. Jpn. Soc. Sci. Fish.* 44 (2): 105-116. Feb. 1978. SFA 23(3)

71-004817 Taki, Y. and Suzuki, A. A COMPARATIVE CHROMOSOME STUDY OF /PUNTIUS/ (CYPRINIDAE: PISCES). II. INDIAN AND CEYLONESE SPECIES. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 53 (6): 282-286. Dec. 1977. SFA 23(4)

71-004818 Taki, Y.; Urushido, T.; Suzuki, A. and Serizawa, C. A COMPARATIVE CHROMOSOME STUDY OF /PUNTIUS/ (CYPRINIDAE: PISCES). I. SOUTHEAST ASIAN SPECIES. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 53 (6): 231-235. Nov. 1977. SFA 23(4)

71-004819 Taniguchi, N. and Y. Okada. [GENETIC STUDY ON THE BIOCHEMICAL POLYMORPHISM IN RED BREAM.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):437-443. Apr. 1980. SFA 25(4)

71-004820 Taniguchi, N. and Tashima, K. [GENETIC VARIATION OF LIVER ESTERASE IN RED SEA BREAM.] *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 619-622. June 1978. In Japanese with English summ. SFA 23(4)

71-004821 Taniguchi, N. and Morita, T. [IDENTIFICATION OF EUROPEAN, AMERICAN, AND JAPANESE EELS BY LACTATE DEHYDROGENASE AND MALATE DEHYDROGENASE ISOZYME PATTERNS.] *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 37-41. Jan. 1979. SFA 24(3)

71-004822 Tave, D. and R. O. Smitherman. PREDICTED RESPONSE TO SELECTION FOR EARLY GROWTH IN *TILAPIA NILOTICA. Trans. Am. Fish. Soc.* 109(4):439-445. July 1980. SFA 25(4)

71-004823 Tave, D. L. HERITABILITY ESTIMATES FOR LENGTH AND WEIGHT AT 45 AND 90 DAYS IN /TILAPIA NILOTICA/, AND THE CORRELATIONS BETWEEN THESE TRAITS. *Ph.D. dissertation, Auburn Univ.* 41p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):1000. Sept. 1979. SFA 25(1)

71-004824 Thompson, K. W. CYTOTAXONOMY OF 41 SPECIES OF NEOTROPICAL CICHLIDAE. *Copeia* 1979(4):679-691. 28 Nov. 1979. SFA 25(1)

71-004825 Thompson, K. W.; Hubbs, C. and Edwards, R. J. COMPARATIVE CHROMOSOME MORPHOLOGY OF THE BLACKBASSES. *Copeia* 1978 (1): 172-175. 10 Feb. 1978. SFA 23(2)

71-004826 Thompson, K. W. SOME ASPECTS OF CHROMOSOMAL EVOLUTION OF THE CICHLIDAE (TELEOSTEI:PERCIFORMES) WITH EMPHASIS ON NEOTROPICAL FORMS. *Ph.D. dissertation, Univ. Texas (Austin).* 141 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-004827 Thorgaard, G. H. and G. A. E. Gall. ADULT TRIPLOIDS IN A RAINBOW TROUT FAMILY. *Genetics* 93(4):961-973. Dec. 1979. SFA 25(2)

71-004828 Thorgaard, G. H. CHROMOSOME REARRANGEMENTS AND SEX CHROMOSOMES IN THE RAINBOW TROUT AND SOCKEYE SALMON. *Ph.D. dissertation, Univ. Wash.* 111p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(3):1128. Sept. 1978. SFA 24(1)

71-004829 Thorgaard, G. H. HETEROMORPHIC SEX CHROMOSOMES IN MALE RAINBOW TROUT. *Science* 196 (4292): 900-902. 20 May 1977. SFA 22(3)

71-004830 Thorpe, J. E. and Morgan, R. I. G. PARENTAL INFLUENCE ON GROWTH RATE, SMOLTING RATE AND SURVIVAL IN HATCHERY REARED JUVENILE ATLANTIC SALMON, /SALMO SALAR/. *J. Fish Biol.* 13 (5): 549-556. Nov. 1978. SFA 24(2)

71-004831 Toledo F., S. A. and Ribeiro, A. F. DIRECTIONAL REDUCTION OF LACTATE DEHYDROGENASE ISOZYMES IN TELEOSTS. *Evolution* 32 (1): 212-216. Mar. 1978. SFA 23(3)

71-004832 Tsuyuki, H. and Williscroft, S. N. SWIMMING STAMINA DIFFERENCES BETWEEN GENOTYPICALLY DISTINCT FORMS OF RAINBOW (/SALMO GAIRDNERI/) AND STEELHEAD TROUT. *J. Fish. Res. Board Can.* 34 (7): 996-1003. July 1977. In English with French summ. SFA 22(4)

71-004833 Turner, B. J. and Liu, R. K. EXTENSIVE INTERSPECIFIC GENETIC COMPATIBILITY IN THE NEW WORLD KILLIFISH GENUS /CYPRINODON/. *Copeia* 1977 (2): 259-269. 25 May 1977. SFA 22(3)

71-004834 Turner, B. J.; R. R. Miller and E. M. Rasch. SIGNIFICANT DIFFERENTIAL GENE DUPLICATION WITHOUT ANCESTRAL TETRAPLOIDY IN A GENUS OF MEXICAN FISH. *Experimentia (Basel)* 36(8):927-930. 15 Aug. 1980. SFA 25(4)

71-004835 Ueda, T. and Ojima, Y. DIFFERENTIAL CHROMOSOMAL CHARACTERISTICS IN THE FUNA SUBSPECIES (/CARASSIUS/). *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 54 (6): 283-288. June 1978. SFA 24(2)

71-004836 Ueno, K. and Ojima, Y. CHROMOSOME STUDIES OF TWO SPECIES OF THE GENUS /COREOPERCA/ (PISCES: PERCIFORMES), WITH REFERENCE TO THE KARYOTYPIC DIFFERENTIATION AND EVOLUTION. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 53 (6): 221-225. Nov. 1977. SFA 23(4)

71-004837 Ueno, K.; S. Iwai and Y. Ojima. [KARYOTYPES AND GEOGRAPHICAL DISTRIBUTION IN THE GENUS *COBITIS* (COBITIDAE).] *Bull. Jpn. Soc. Sci. Fish.* 46(1):9-18. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-004838 Urushido, T.; Takahashi, E.-I.; Taki, Y. and Kondo, N. A KARYOTYPE STUDY OF POLYPTERID FISHES, WITH NOTES ON THEIR PHYLETIC RELATIONSHIP. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 53 (3): 95-98. June 1977. SFA 23(3)

71-004839 Utter, F. and Folmar, L. PROTEIN SYSTEMS OF GRASS CARP: ALLELIC VARIANTS AND THEIR APPLICATION TO MANAGEMENT OF INTRODUCED POPULATIONS. *Trans. Am. Fish. Soc.* 107 (1): 129-134. Jan. 1978. SFA 23(3)

71-004840 Varma, A. K. and J. S. Frankel. A COMPARISON OF TISSUE ESTERASES IN THE GENUS *BARBUS* BY VERTICAL GEL ELECTROPHORESIS. *Comp. Biochem. Physiol. B Comp. Biochem.* 65(2):267-273. 1980. SFA 25(2)

71-004841 Vasil'yev, V. P. KARYOTYPES OF SOME FORMS OF THE ARCTIC CHAR, /SALVELINUS ALPINUS/ FROM KAMCHATKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 374-386. 1975. SFA 21(4)

71-004842 Vasil'yev, V. P. KARYOTYPES OF DIFFERENT FORMS OF THE KAMCHATKA TROUT, /SALMO MYKISS/ AND THE RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 889-900. 1975. SFA 22(1)

71-004843 Verigin, B. V.; Makeyeva, A. P. and Shubnikova, N. G. [A CASE OF NATURAL HYBRIDIZATION BETWEEN /HYPOPHTHALMICHTHYS MOLITRIX/ AND /ARISTICHTHYS NOBILIS/ (PISCES, CYPRINIDAE).] *Zool. Zh.* 58(2):190-196. Feb. 1979. In Russian with English summ. SFA 24(3)

71-004844 Viktorovskii, R. M. and Glubokovskii, M. K. MECHANISMS AND RATE OF SPECIATION IN CHAR OF THE GENUS /SALVELINUS/ (SALMONIDAE, PISCES). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 235 (1-6): 272-275. July-Aug. 1977. SFA 23(3)

71-004845 Vladimirov, M. Z. EARLY POSTEMBRYONIC DEVELOPMENT AND MORPHOLOGY OF A NEW INTERGENERIC CYPRINID HYBRID (*RUTILUS FRISII* FEMALE X *VIMBA VIMBA VIMBA* MALE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):859-862. 1978. SFA 25(2)

71-004846 Vrijenhoek, R. C.; Angus, R. A. and Schultz, R. J. VARIATION AND CLONAL STRUCTURE IN A UNISEXUAL FISH. *Am. Nat.* 112 (983): 41-55. Jan.-Feb. 1978. SFA 23(3)

71-004847 Vrijenhoek, R. C.; Angus, R. A. and Schultz, R. J. VARIATION AND HETEROZYGOSITY IN SEXUALLY VS. CLONALLY REPRODUCING POPULATIONS OF /POECILIOPSIS/. *Evolution* 31 (4): 767-781. Dec. 1977. SFA 23(2)

71-004848 Vyshegorodtsev, A. A. THE MORPHOLOGICAL CHARACTERISTICS OF THE SIBERIAN CISCO /COREGONUS ALBULA SARDINELLA/ (VAL.) FROM THE YURIBEY RIVER (GYDA BAY BASIN). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 27-36. 1975. SFA 21(2).

71-004849 Weatherby, C. AN ELECTROPHORETIC ANALYSIS OF FIVE HATCHERY STOCKS OF /ICTALURUS PUNCTATUS/ (CHANNEL CATFISH). *J. Ala. Acad. Sci.* 47 (3): 138. July 1976. SFA 22(3)

71-004850 Weinstein, M. P. ELECTROPHORETIC INVESTIGATION OF THE GULF OF MEXICO AND ATLANTIC OCEAN SEATROUTS OF THE GENUS /CYNOSCION/, WITH SPECIAL REFERENCE TO THE POPULATION STRUCTURE OF THE SPOTTED SEATROUT, /CYNOSCION NEBULOSUS/. *Ph. D. dissertation, Fla. State Univ.* 125p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1).

71-004851 Weinstein, M. P. and Yerger, R. W. ELECTROPHORETIC INVESTIGATION OF SUBPOPULATIONS OF THE SPOTTED SEATROUT, /CYNOSCION NEBULOSUS/ (CUVIER), IN THE GULF OF MEXICO AND ATLANTIC COAST OF FLORIDA. *Comp. Biochem. Physiol. B Comp. Biochem.* 54 (1): 97-102. 1976. SFA 22(1)

71-004852 Wheeler, A. and Easton, K. HYBRIDS OF CHUB AND ROACH (/LEUCISCUS CEPHALUS/ AND /RUTILUS RUTILUS/) IN ENGLISH RIVERS. *J. Fish Biol.* 12 (2): 167-171. Feb. 1978. SFA 23(3)

71-004853 Wheeler, A. HYBRIDS OF BLEAK, /ALBURNUS ALBURNUS/, AND CHUB, /LEUCISCUS CEPHALUS/ IN ENGLISH RIVERS. *J. Fish Biol.* 13 (4): 467-473. Oct. 1978. SFA 24(1)

71-004854 Wheeler, A. ON THE POPULATIONS OF ROACH (/RUTILUS RUTILUS/), RUDD (/SCARDINIUS ERYTHROPHTHALMUS/), AND THEIR HYBRID IN ESTHWAITE WATER, WITH NOTES ON THE DISTINCTIONS BETWEEN THEM. *J. Fish Biol.* 9(5):391-400. Nov. 1976. SFA 22(2)

71-004855 Whitmore, D. H., Jr. THE MOLECULAR AND GENETIC BASIS FOR LACTATE DEHYDROGENASE OF THE MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Comp. Biochem. Physiol. B Comp. Biochem.* 60 (4): 361-364. 1978. SFA 23(4)

71-004856 Whitt, G. S.; Childers, W. F.; Shaklee, J. B. and Matsumoto, J. LINKAGE ANALYSIS OF THE MULTILOCUS GLUCOSEPHOSPHATE ISOMERASE ISOZYME SYSTEM IN SUNFISH (CENTRARCHIDAE, TELEOSTII). *Genetics* 82 (1): 35-42. Jan. 1976. SFA 22(3)

71-004857 Whitt, G. S.; Philipp, D. P. and Childers, W. F. ABERRANT GENE EXPRESSION DURING THE DEVELOPMENT OF HYBRID SUNFISHES (PERCIFORMES, TELEOSTEI). *Differentiation* 9: 97-109. 1977. SFA 23(2)

71-004858 Wiseman, E. D.; Echelle, A. A. and Echelle, A. F. ELECTROPHORETIC EVIDENCE FOR SUBSPECIFIC DIFFERENTIATION AND INTERGRADATION IN /ETHEOSTOMA SPECTABILE/ (TELEOSTEI: PERCIDAE). *Copeia* 1978 (2): 320-327. 5 May 1978. SFA 23(3)

71-004859 Wolfe, G. W.; Branson, B. A. and Jones, S. L. AN ELECTROPHORETIC INVESTIGATION OF SIX SPECIES OF DARTERS IN THE SUBGENUS /CATONOTUS/. *Biochem. Syst. Ecol.* 7 (1): 81-85. 1979. SFA 24(3)

71-004860 Yardley, D. and Hubbs, C. AN ELECTROPHORETIC STUDY OF TWO SPECIES OF MOSQUITOFISH WITH NOTES ON GENETIC SUBDIVISION. *Copeia* 1976(1):117-120. 12 Mar. 1976. SFA 21(1).

71-004861 Yelenc, J. G. INVESTIGATION OF CHROMOSOME BANDING TECHNIQUES AND OF PSEUDOLINKAGE IN *SALVELINUS* SPECIES. *Ph.D. dissertation, Pa. State Univ.* 152p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4092. Mar. 1980. SFA 25(2)

71-004862 Yermokhin, V. Ya. VARIATION IN THE NUMBER OF VERTEBRAE IN THE SPAWNING POPULATION OF THE BENTHOPHAGIC WHITEFISH WITH FEW GILL RAKERS, /COREGONUS LAVARETUS/, OF THE KOLA PENINSULA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 824-836. 1974. SFA 21(2).

71-004863 Yevsin, V. N. MORPHOLOGICAL CHARACTERISTICS AND VARIABILITY OF THE SUMMER SEA TROUT (/SALMO TRUTTA/) FROM THE PULONG'A AND MALAYA KUMZHEVAYA RIVERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 350-356. 1977. SFA 23(3)

71-004864 Yevsin, V. N. MORPHOLOGICAL CHARACTERISTICS AND VARIABILITY OF LOCAL STOCKS OF THE AUTUMN SEA TROUT (/SALMO TRUTTA/) OF THE RIVERS OF THE WHITE SEA BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):911-921. 1976. SFA 23(3)

71-004865 Zahner, E. J. A KARYOTYPE ANALYSIS OF FIFTEEN SPECIES OF THE FAMILY CICHLIDAE. *Ph.D. dissertation, St. John's Univ.* 128p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3087. Jan. 1978. SFA 23(3)

71-004866 Zelinskiy, Yu. P. A CHROMOSOMAL ANAYLSIS OF THE ATLANTIC SALMON POPULATION IN THE LADOGA LAKE. *Zool. Zh.* 59(8):1260-1263. Aug. 1980. In Russian with English summ. SFA 25(4)

71-004867 Zelinskiy, Yu. P. OSTEOLOGICAL DIFFERENTIATION AND SOME QUESTIONS ON THE ORIGIN OF ANADROMOUS AND LAKE POPULATIONS OF ATLANTIC SALMON, /SALMO SALAR/ IN THE BASINS OF THE WHITE SEA AND THE BALTIC SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 247-259. 1976. SFA 22(3)

71-004868 Zhukov, V. V. THE ANTIGENIC LINKS OF SOME SPECIES OF THE GENUS /COREGONUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 476-483. 1974. SFA 21(2).

BEHAVIOR

71-004869 Able, K. W. CLEANING BEHAVIOR IN THE CYPRINODONTID FISHES: /FUNDULUS MAJALIS/, /CYPRINODON VARIEGATUS/, AND /LUCANIA PARVA/. *Chesapeake Sci.* 17 (1): 35-39. Mar. 1976. SFA 21(2).

71-004870 Alabaster, J. S. and Stott, B. SWIMMING ACTIVITY OF PERCH, /PERCA FLUVIATILIS/ L. *J. Fish Biol.* 12 (6): 587-591. June 1978. SFA 23(4)

71-004871 Albrecht, H. EINIGE BEOBACHTUNGEN AN ANEMONENFISCHEN IN DER KARIBISCHEN SEE. [SOME OBSERVATIONS ON ANEMONE FISHES IN THE CARIBBEAN.] *Bijd. Dierkd.* 47 (1): 109-119. 1977. In German with English summ. SFA 24(3)

71-004872 Alevizon, W. S. SPATIAL OVERLAP AND COMPETITION IN CONGENERIC SURFPERCHES (/EMBIOTOCIDAE/) OFF SANTA BARBARA, CALIFORNIA. *Copeia* 1975(2):352-356. 23 May 1975. SFA 21(1).

71-004873 Alevizon, W. S. MIXED SCHOOLING AND ITS POSSIBLE SIGNIFICANCE IN A TROPICAL WESTERN ATLANTIC PARROTFISH AND SURGEONFISH. *Copeia.* 1976 (4): 796-798. 30 Dec. 1976. SFA 22(2)

71-004874 Ali, M. A. and G. E. Pickford. THE EFFECTS OF HYPOPHYSECTOMY ON THE RETINOMOTOR RESPONSES OF THE KILLIFISH, *FUNDULUS HETEROCLITUS*. *Rev. Can. Biol.* 38(3):139-144. Sept. 1979. In English with French summ. SFA 25(2)

71-004875 Ali, M. A.; Ryder, R. A. and Anctil, M. PHOTORECEPTORS AND VISUAL PIGMENTS AS RELATED TO BEHAVIORAL RESPONSES AND PREFERRED HABITATS OF PERCHES (/PERCA/ SPP.) AND PIKEPERCHES (/STIZOSTEDION/ SPP.). *J. Fish. Res. Board Can.* 34 (10): 1475-1480. Oct. 1977. In English with French summ. SFA 23(1)

71-004876 Allee, B. J. SPATIAL REQUIREMENTS AND BEHAVIORAL INTERACTIONS OF JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND STEELHEAD TROUT (/SALMO GAIRDNERI/). *Ph.D. dissertation, Univ. Wash.* 177p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. SFA 21(1).

71-004877 Allen, G. H.; Miyamoto, J. and Harper, W. RATE OF STRAYING IN ADULT COHO (SILVER) SALMON (/ONCORHYNCHUS KISUTCH/) FROM SMOLTS RELEASED AT AN INTERTIDAL LOCATION. *Calif. Coop. Fish. Res. Unit Res. Rep.* 781. ii + 44p. 1978. SFA 24(2)

71-004878 Alley, D. W. and Li, H. W. SIGNIFICANCE OF MICROHABITAT SELECTION FOR FISHES IN A SIERRA FOOTHILL STREAM. *Cal-Neva Wildl. Trans.* 1977:27-33. 1977. SFA 23(3)

71-004879 Anonymous. RARE SHARK ATTACK MARS COASTAL SURFING. *Oreg. Wildl.* 35(1):12-13. Jan. 1980. SFA 25(2)

71-004880 Arnold, G. P. and Weihs, D. THE HYDRODYNAMICS OF RHEOTAXIS IN THE PLAICE (/PLEURONECTES PLATESSA/ L.). *J. Exp. Biol.* 75: 147-169. Aug. 1978. SFA 23(4)

71-004881 Ashmore, J. F. and G. Falk. RESPONSES OF ROD BIPOLAR CELLS IN THE DARK-ADAPTED RETINA OF THE DOGFISH, *SCYLIORHINUS CANICULA*. *J. Physiol. (Lond.)* 300:115-150. Mar. 1980. SFA 25(2)

71-004882 Ashmore, J. F. and G. Falk. THE SINGLE-PHOTON SIGNAL IN ROD BIPOLAR CELLS OF THE DOGFISH RETINA. *J. Physiol. (Lond.)* 300:151-166. Mar. 1980. SFA 25(2)

71-004883 Atkinson, R. J. A. SOME PRELIMINARY FIELD OBSERVATIONS OF THE BURROWS OF THE RED BAND FISH, /CEPOLA RUBESCENS/ L. *J. Fish Biol.* 9 (2): 181-183. Aug. 1976. SFA 22(2)

71-004834 Bachman, R. A.; Reynolds, W. W. and Casterlin, M. E. DIEL LOCOMOTOR ACTIVITY PATTERNS OF WILD BROWN TROUT (/SALMO TRUTTA/ L.) IN AN ELECTRONIC SHUTTLEBOX. *Hydrobiologia* 66(1):45-47. 15 Sept. 1979. SFA 25(1)

71-004885 Baker, C. L., Jr. JAMMING AVOIDANCE BEHAVIOR IN GYMNOTOID ELECTRIC FISH WITH PULSE-TYPE DISCHARGES: SENSORY ENCODING FOR A TEMPORAL PATTERN DISCRIMINATION. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 136(2):165-181. Mar. 1980. SFA 25(3)

71-004886 Barkley, R. A.; Neill, W. H. and Gooding, R. M. SKIPJACK TUNA, /KATSUWONUS PELAMIS/, HABITAT BASED ON TEMPERATURE AND OXYGEN REQUIREMENTS. *NOAA Fish. Bull.* 76 (3): 653-662. July 1978. SFA 24(1)

71-004887 Barlow, G. W. and Ballin, P. J. PREDICTING AND ASSESSING DOMINANCE FROM SIZE AND COLORATION IN THE POLYCHROMATIC MIDAS CICHLID. *Anim. Behav.* 24 (4): 793-813. Nov. 1976. SFA 22(3).

71-004888 Barlow, G. W. and Wallach, S. J. COLOUR AND LEVELS OF AGGRESSION IN THE MIDAS CICHLID. *Anim. Behav.* 24 (4): 814-817. Nov. 1976. SFA 22(3)

71-004889 Barlow, G. W. ON THE SOCIOBIOLOGY OF FOUR PUERTO RICAN PARROTFISHES (SCARIDAE). *Mar. Biol.* 33 (4): 281-293. Dec. 1975. SFA 22(2)

71-004890 Bassler, G.; Hilbig, R. and Rahmann, H. UNTERSUCHUNGEN ZUR CIRCADIANEN RHYTHMIK DER ELEKTRISCHEN UND MOTORISCHEN AKTIVITAET VON /GNATHONEMUS PETERSII/ (MORMYRIDAE, PISCES). [DIURNAL RHYTHM OF THE ELECTRIC AND MOTORIC ACTIVITY OF /GNATHONEMUS PETERSII/ (MORMYRIDAE, PISCES).] *J. Comp. Ethol.* 49 (2): 156-163. Feb. 1979. In German with English summ. SFA 24(3)

71-004891 Bauer, R. ELECTRIC ORGAN DISCHARGE (EOD) AND PREY CAPTURE BEHAVIOUR IN THE ELECTRIC EEL, /ELECTROPHORUS ELECTRICUS/. *Behav. Ecol. Sociobiol.* 4 (4): 311-319. 1979. SFA 24(3)

71-004892 Bechler, D. L. THE EVOLUTION OF AGONISTIC BEHAVIOR IN AMBLYOPSID FISHES. *Trans. Mo. Acad. Sci.* 13:177. 1979. Abstract only. SFA 25(3)

71-004893 Beecher, H. A. HABITAT SEGREGATION OF FLORIDA CARPSUCKERS (OSTEICHTHYES: CATOSTOMIDAE: *CARPIODES*). *Fla. Sci.* 43(2):92-97. 1980. SFA 25(3)

71-004894 Behrend, K. PROCESSING INFORMATION CARRIED IN A HIGH FREQUENCY WAVE: PROPERTIES OF CEREBELLAR UNITS IN A HIGH FREQUENCY ELECTRIC FISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 118 (3): 357-371. 1977. SFA 22(4)

71-004895 Beitinger, T. L. and Fitzpatrick, L. C. PHYSIOLOGICAL AND ECOLOGICAL CORRELATES OF PREFERRED TEMPERATURE IN FISH. *Am. Zool.* 19 (1): 319-329. 1979. SFA 24(3)

71-004896 Beitinger, T. L. and Magnuson, J. J. LOW THERMAL RESPONSIVENESS IN THE BLUEGILL, /LEPOMIS MACROCHIRUS/. *J. Fish. Res. Board Can.* 33(2):293-295. Feb. 1976. In English with French summ. SFA 21(1).

71-004897 Beitinger, T. L. DIEL ACTIVITY RHYTHMS AND THERMOREGULATORY BEHAVIOR OF BLUEGILL IN RESPONSE TO UNNATURAL PHOTOPERIODS. *Biol. Bull.* 149 (1): 96-108. Aug. 1975. SFA 21(4).

71-004898 Beitinger, T. L.; Magnuson, J. J.; Neill, W. H. and Shaffer, W. R. BEHAVIOURAL THERMOREGULATION AND ACTIVITY PATTERNS IN THE GREEN SUNFISH, /LEPOMIS CYANELLUS/. *Anim. Behav.* 23(1):222-229. Feb. 1975. SFA 21(1).

71-004899 Beitinger, T. L. INFLUENCE OF ABIOTIC AND BIOTIC FACTORS ON THE STABILITY OF BEHAVIORAL THERMOREGULATION IN FISHES, PARTICULARLY THE BLUEGILL. *Ph.D. dissertation, Univ. Wis.* 253p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-004900 Beitinger, T. L. THERMOPREFERENCE BEHAVIOR OF BLUEGILL (/LEPOMIS MACROCHIRUS/) SUBJECTED TO RESTRICTIONS IN AVAILABLE TEMPERATURE RANGE. *Copeia* 1977 (3): 536-541. 25 Aug. 1977. SFA 22(4)

71-004901 Belbenoit, P.; Moller, P.; Serrier, J. and Push, S. ETHOLOGICAL OBSERVATIONS ON THE ELECTRIC ORGAN DISCHARGE BEHAVIOUR OF THE ELECTRIC CATFISH, /MALAPTERURUS ELECTRICUS/ (PISCES). *Behav. Ecol. Sociobiol.* 4 (4): 321-330. 1979. SFA 24(3)

71-004902 Belk, M. S. HABITAT PARTITIONING IN TWO TROPICAL REEF FISHES, /POMACENTRUS LIVIDUS/ AND /P. ALBOFASCIATUS/. *Copeia* 1975(4):603-607. 31 Dec. 1975. SFA 21(1).

71-004903 Berezay, G. and Gee, J. H. BUOYANCY RESPONSE TO CHANGES IN WATER VELOCITY AND ITS FUNCTION IN CREEK CHUB (/SEMOTILUS ATROMACULATUS/). *J. Fish. Res. Board Can.* 35(3):295-299. Mar. 1977. In English with French summ. SFA 23(2)

71-004904 Bernstein, J. W. ORGANIZATION OF PARENTAL CARE BEHAVIOR IN /CICHLASOMA NIGROFASCIATUM/ (GUNTHER). *Ph. D. dissertation, Mich. State Univ.* 56p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-004905 Blake, R. W. ON BALISTIFORM LOCOMOTION. *J. Mar. Biol. Assoc. U.K.* 58 (1): 73-80. Feb. 1978. SFA 23(2)

71-004906 Blake, R. W. THE MECHANICS OF LABRIFORM LOCOMOTION. I. LABRIFORM LOCOMOTION IN THE ANGELFISH (/PTEROPHYLLUM EIMEKEI/): AN ANLYSIS OF THE POWER STROKE. *J. Exp. Biol.* 82:255-271. Oct. 1979. SFA 25(1)

71-004907 Blake, R. W. THE MECHANICS OF LABRIFORM LOCOMOTION. II. ANALYSIS OF THE RECOVERY STROKE AND THE OVERALL FIN-BEAT CYCLE PROPULSIVE EFFICIENCY IN THE ANGELFISH. *J. Exp. Biol.* 85:337-342. Apr. 1980. SFA 25(3)

71-004908 Blake, R. W. THE SWIMMING OF THE MANDARIN FISH /SYNCHROPUS PICTURATUS/ (CALLIONYIIDAE: TELEOSTEI). *J. Mar. Biol. Assoc. U.K.* 59 (2): 421-428. May 1979. SFA 24(4)

71-004909 Bloom, H. D. and Perlmutter, A. POSSIBLE PHEROMONE MEDIATED REPRODUCTIVE ISOLATION IN TWO SPECIES OF CYPRINID FISHES OF THE GENUS, /BRACHYDANIO/. *J. Fish Biol.* 13 (1): 47-50. July 1978. SFA 23(4)

71-004910 Bodznick, D. A. THE PHYSIOLOGY OF OLFACTION IN SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) AND ITS RELATIONSHIP TO MIGRATORY BEHAVIOR. *Ph.D. dissertation, Univ. Wash.* 153p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):591. Aug. 1978. SFA 24(3)

71-004911 Bodznick, D. CALCIUM ION: AN ODORANT FOR NATURAL WATER DISCRIMINATIONS AND THE MIGRATORY BEHAVIOR OF SOCKEYE SALMON. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 127 (2): 157-166. 1978. SFA 24(1)

71-004912 Bodznick, D. CHARACTERIZATION OF OLFACTORY BULB UNITS OF SOCKEYE SALMON WITH BEHAVIORALLY RELEVANT STIMULI. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 127 (2): 147-155. 1978. SFA 24(1)

71-004913 Bodznick, D. WATER SOURCE PREFERENCE AND LAKEWARD MIGRATION OF SOCKEYE SALMON FRY (/ONCORHYNCHUS NERKA/). *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 127 (2): 139-146. 1978. SFA 24(1)

71-004914 Boehlert, G. W. PHYSIOLOGICAL AND MORPHOLOGICAL ADAPTATIONS IN THE SURFACE-TO-BENTHIC MIGRATION OF /SEBASTES DIPLOPROA/ (PISCES, SCORPAENIDAE). *Ph.D. dissertation, Univ. Calif. (San Diego)* 188p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4104. Mar. 1978. SFA 23(3)

71-004915 Boer, B. A. de. A CAUSAL ANALYSIS OF THE TERRITORIAL AND COURTSHIP BEHAVIOUR OF *CHROMIS CYANEA* (POMACENTRIDAE, PISCES). *Behaviour* 73(1-2):1-50. 1980. SFA 25(3)

71-004916 Bohlin, T. HABITAT SELECTION AND INTERCOHORT COMPETITION OF JUVENILE SEA-TROUT /SALMO TRUTTA/. *Oikos* 29 (1): 112-117. 1977. In English with Russian summ. SFA 23(1)

71-004917 Bohlin, T. TEMPORAL CHANGES IN THE SPATIAL DISTRIBUTION OF JUVENILE SEA-TROUT /SALMO TRUTTA/ IN A SMALL STREAM. *Oikos* 30(1):114-120. 1978. In English with Russian summ. SFA 23(4)

71-004918 Bols, R. J. and J. A. Hogan. RUNWAY BEHAVIOR OF SIAMESE FIGHTING FISH, *BETTA SPLENDENS*, FOR AGGRESSIVE DISPLAY AND FOOD REINFORCEMENT. *Anim. Learn. Behav.* 7(4):537-542. Nov. 1979. SFA 25(2)

71-004919 Boulekbache, H. and Devillers, C. ETUDE PAR MICROSCOPIE ELECTRONIQUE A BALAYAGE DES MODIFICATIONS DE LA MEMBRANE DES BLASTOMERES AU COURS DES PREMIERS STADES DU DEVELOPPEMENT DE L'AEUF DE TRUITE (/SALMO IRIDEUS/ GIBB.). [SCANNING ELECTRON MICROSCOPY STUDY OF THE MEMBRANE RELIEF CHANGES OF THE BLASTOMERES DURING THE EARLY DEVELOPMENT STAGES OF THE RAINBOW TROUT EGG.] *C. R. Hebd. Seances Acad. Sci. Ser D Sci. Nat.* 285(8):917-920. 10 Oct. 1977. In French with English summ. SFA 23(1)

71-004920 Bowles, R. R. EFFECTS OF WATER VELOCITY ON ACTIVITY PATTERNS OF JUVENILE STRIPED BASS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:142-151. 1975[1976]. SFA 22(3)

71-004921 Bowmaker, J. K. VISUAL PIGMENT ABSORBANCE AND SCOTOPIC SPECTRAL SENSITIVITY IN THE GOLDFISH, *CARASSIUS AURATUS*. *Rev. Can. Biol.* 38(3):185-187. Sept. 1979. In English with French summ. SFA 25(2)

71-004922 Bozhkov, A. T. AN INSTANCE OF AN ATTACK BY A SWORDFISH (/XIPHIAS GLADIUS/) ON A MAKO SHARK (/ISURUS GLAUCUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 842-843. 1975. SFA 22(1)

71-004923 Brandon, S. E. and Bitterman, M. E. ANALYSIS OF AUTOSHAPING IN GOLDFISH. *Anim. Behav. Learn.* 7 (1): 57-62. Feb. 1979. SFA 24(2)

71-004924 Breder, C. M., Jr. FISH SCHOOLS AS OPERATIONAL STRUCTURES. *NOAA Fish. Bull.* 74 (3): 471-502. July 1976. SFA 21(3).

71-004925 Brewer, G. D. THE BIOLOGY OF THE NORTHERN ANCHOVY (/ENGRAULIS MORDAX/) IN RELATION TO TEMPERATURE. *Ph. D. dissertation, Univ. South. Calif.* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 22(2)

71-004926 Brown, J. and Green, J. M. TERRITORIALITY, HABITAT SELECTION, AND PRIOR RESIDENCY IN UNDERYEARLING /STICHAEUS PUNCTATUS/ (PISCES: STICHAEIDAE). *Can. J. Zool.* 54 (11): 1904-1907. Nov. 1976. In English with French summ. SFA 21(4)

71-004927 Buckingham, S. W. and L. Rigley. AGONISTIC BEHAVIOR IN THE TEXAS CICHLID, *CICHLASOMA CYANOGUTTATA*. *Proc. Pa. Acad. Sci.* 53(2):151-155. 1979. SFA 25(3)

71-004928 Bullock, T. H. and Corwin, J. T. ACOUSTIC EVOKED ACTIVITY IN THE BRAIN IN SHARKS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 129(3):223-234. 1979. SFA 24(3)

71-004929 Burgess, J. W. and Shaw, E. DEVELOPMENT AND ECOLOGY OF FISH SCHOOLING. *Oceanus* 22 (2): 11-17. 1979. SFA 24(4)

71-004930 Burke, W. P. EFFECTS OF NUMBERS AND DENSITY ON AGGRESSIVE BEHAVIOR IN POND-RAISED /POECILIA RETICULATA/ (PETERS). *Ph.D. dissertation, State Univ. N.Y. (Stony Brook)* 173 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-004931 Buwalda, R. J. A. and van der Steen, J. THE SENSITIVITY OF THE COD SACCULUS TO DIRECTIONAL AND NON-DIRECTIONAL SOUND STIMULI. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(4):467-471. 1979. SFA 25(1)

71-004932 Caprio, J. OLFACTION AND TASTE IN THE CHANNEL CATFISH: AN ELECTROPHYSIOLOGICAL STUDY OF THE RESPONSES TO AMINO ACIDS AND DERIVATIVES. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 123 (4): 357-371. 1978. SFA 23(3)

71-004933 Carr, W. E. S.; Blumenthal, K. M. and Netherton, J. C. III. CHEMORECEPTION IN THE PIGFISH, /ORTHOPRISTIS CHRYSOPTERUS/: THE CONTRIBUTION OF AMINO ACIDS AND BETAINE TO STIMULATION OF FEEDING BEHAVIOR BY VARIOUS EXTRACTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (1): 69-73. 1977. SFA 22(4)

71-004934 Carter, T. S. THE EFFECTS OF PRIOR DEPTH EXPERIENCE, FEEDING, AGE AND LIGHT ON DEPTH PREFERENCE IN /HAPLOCHROMIS BURTONI/. *Ph.D. dissertation, Mich. State Univ.* 103p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(3), 1975. SFA 21(1).

71-004935 Casterlin, M. E. and Reynolds, W. W. AGONISTIC DISPLAYS IN THE ROCK BASS, /AMBLOPLITES RUPESTRIS/. *Hydrobiologia* 65(1):19-21. 16 July 1979. SFA 25(1)

71-004936 Casterlin, M. E. and Reynolds, W. W. SHARK THERMOREGULATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 64(3):451-453. 1979. SFA 25(1)

71-004937 Casterlin, M. E. and W. W. Reynolds. DIEL ACTIVITY OF THE BLUESPOTTED SUNFISH *ENNEACANTHUS GLORIOSUS*. *Copeia* 1980(2):344-345. 1 May 1980. SFA 25(3)

71-004938 Casterlin, M. E. and Reynolds, W. W. HABITAT SELECTION BY JUVENILE BLUEGILL SUNFISH, /LEPOMIS MACROCHIRUS/. *Hydrobiologia* 59 (1): 75-79. 17 May 1978. SFA 23(4)

71-004939 Casterlin, M. E. and Reynolds, W. W. ASPECTS OF HABITAT SELECTION IN THE MOSQUITOFISH /GAMBUSIA AFFINIS/. *Hydrobiologia* 55 (2): 125-127. 18 Aug. 1977. SFA 23(1)

71-004940 Chantrey, D. F. SHORT-TERM CHANGES IN RESPONSIVENESS TO MODELS IN /BETTA SPLENDENS/. *Anim. Learn. Behav.* 6 (4): 469-471. Nov. 1978. SFA 24(1)

71-004941 Charney, P. ORAL BROODING IN THE CARDINAL FISHES /PHAEOPTYX CONKLINI/ AND /APOGON MACULATUS/ FROM THE BAHAMAS. *Copeia* 1976(1):198-200. 12 Mar. 1976. SFA 21(1).

71-004942 Chauvin-Muckensturm, B. LE PROBLÈME DE LA FIXATION GÉNOTYPIQUE DU COMPORTEMENT AGRESSIF CHEZ LES ÉPINOCHES (*GASTEROSTEUS ACULEATUS* L.). [IS THERE A GENOTYPIC FIXATION OF AGGRESSIVE BEHAVIOUR IN THREE SPINED STICKLEBACK.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 289(13):935-938. 19 Nov. 1979. In French with English summ. SFA 25(2)

71-004943 Chauvin-Muckensturm, B. and Y. Grelet-Puterflam. SUR L'IMPORTANCE DU CONTEXTE DANS L'INTERPRETATION DES SIGNAUX CHEZ LES MÂLES DE L'ÉPINOCHE (*GASTEROSTEUS ACULEATUS*). [IMPORTANCE OF CONTEXT IN SIGNAL INTERPRETATION IN THREE SPINED STICKLEBACK MALES.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 290(19):1273-1275. 19 May 1980. In French with English summ. SFA 25(4)

71-004944 Cheetham, J. L.; Garten, C. T., Jr.; King, C. L. and Smith, M. H. TEMPERATURE TOLERANCE AND PREFERENCE OF IMMATURE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Copeia* 1976(3):609-612. Aug. 1976. SFA 21(3).

71-004945 Colesante, R. T. BEHAVIOR OF MUSKELLUNGE FRY DURING YOLK ABSORPTION AND SWIM-UP. *N.Y. Fish Game J.* 24 (1): 94. Jan. 1977. SFA 22(2)

71-004946 Colgan, P. and N. Costeloe. PLASTICITY OF BURYING BEHAVIOR BY THE BANDED KILLIFISH, *FUNDULUS DIAPHANUS*. *Copeia* 1980(2):349-351. 1 May 1980. SFA 25(3)

71-004947 Cossins, A. R.; Friedlander, M. J. and Prosser, C. L. CORRELATIONS BETWEEN BEHAVIORAL TEMPERATURE ADAPTATIONS OF GOLDFISH AND THE VISCOSITY AND FATTY ACID COMPOSITION OF THEIR SYNAPTIC MEMBRANES. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 120 (2): 109-121. 1977. SFA 23(2)

71-004948 Coutant, C. C. and D. S. Carroll. TEMPERATURES OCCUPIED BY TEN ULTRASONIC-TAGGED STRIPED BASS IN FRESHWATER LAKES. *Trans. Am. Fish. Soc.* 109(2):195-202. Mar. 1980. SFA 25(2)

71-004949 Coutant, C. C. RESPONSES OF BASS TO NATURAL AND ARTIFICIAL TEMPERATURE REGIMES. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 272-285. 1975. SFA 21(3).

71-004950 Coutant, C. C. COMPILATION OF TEMPERATURE PREFERENCE DATA. *J. Fish. Res. Board Can.* 34 (5): 739-746. May 1977. In English with French summ. SFA 22(3)

71-004951 Coyne, J. A. and Sohn, J. J. INTERSPECIFIC BROOD CARE IN FISHES: RECIPROCAL ALTRUISM OR MISTAKEN IDENTITY? *Am. Nat.* 112 (984): 447-450. Mar.-Apr. 1978. SFA 23(3)

71-004952 Craig, J. F. SEASONAL CHANGES IN THE DAY AND NIGHT ACTIVITY OF ADULT PERCH, /PERCA FLUVIATILIS/ L. *J. Fish Biol.* 11 (2): 161-166. Aug. 1977. SFA 23(1)

71-004953 Craik, G. J. S. A FURTHER INVESTIGATION OF THE HOMING BEHAVIOUR OF THE INTERTIDAL COTTID, /OLIGOCOTTUS MACULOSUS/ GIRARD. *Ph.D. dissertation, Univ. British Columbia* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5272. May 1979. SFA 24(3)

71-004954 Crapon de Caprona, M.-D. OLFACTORY COMMUNICATION IN A CICHLID FISH, *HAPLOCHROMIS BURTONI*. *J. Comp. Ethol.* 52(2):113-134. 1980. In English with Germany summ. SFA 25(4)

71-004955 Crawshaw, L. I. ATTAINMENT OF THE FINAL THERMAL PREFERENDUM IN BROWN BULLHEADS ACCLIMATED TO DIFFERENT TEMPERATURES. *Comp. Biochem. Physiol. A Comp. Physiol.* 52 (1): 171-173. Sept. 1975. SFA 22(1)

71-004956 Crawshaw, L. I. TWENTY-FOUR HOUR RECORDS OF BODY TEMPERATURE AND ACTIVITY IN BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/) AND BROWN BULLHEADS (/ICTALURUS NEBULOSUS/). *Comp. Biochem. Physiol. A Comp. Physiol.* 51 (1): 11-14. May 1975. SFA 22(1)

71-004957 Crawshaw, L. I. PHYSIOLOGICAL AND BEHAVIORAL REACTIONS OF FISHES TO TEMPERATURE CHANGE. *J. Fish. Res. Board Can.* 34 (5): 730-734. May 1977. In English with French summ. SFA 22(3)

71-004958 Cross, J. N. CONTRIBUTIONS TO THE BIOLOGY OF THE WOUNDFIN, /PLAGOPTERUS ARGENTISSIMUS/ (PISCES: CYPRINIDAE), AN ENDANGERED SPECIES. *Great Basin Nat.* 38(4):463-468. 31 Dec. 1978. SFA 24(3)

71-004959 Danyulite, G. P. and Maksimov, Yu. M. CHARACTERISTICS OF THE OPTOMOTOR REACTION OF FISHES ACTED UPON BY A PULSED ELECTRIC FIELD. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 604-607. 1974. SFA 21(2).

71-004960 Darkov, A. A. BEHAVIORAL REACTIONS OF SCHOOLING FISHES IN INDIVIDUALS OF THE SAME SPECIES AND THE QUESTION OF SCHOOL FORMATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 691-694. 1975. SFA 21(3).

71-004961 Darkov, A. A.; Radokov, D. V. and Saburenkov, Ye. N. NONUNIFORMITY IN THE BEHAVIOR OF FISHES IN SCHOOLS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 514-518. 1976. SFA 22(4)

71-004962 Datsun, R. C. MINIMUM SWIMMING SPEED OF ALBACORE, /THUNNUS ALALUNGA/. *NOAA Fish. Bull.* 74 (4): 955-960. Oct. 1976. SFA 22(2)

71-004963 Davitz, M. A. and McKaye, K. R. DISCRIMINATION BETWEEN HORIZONTALLY AND VERTICALLY POLARIZED LIGHT BY THE CICHLID FISH /PSEUDOTROPHEUS MACROPHTHALMUS/. *Copeia* 1978 (2): 333-334. 5 May 1978. SFA 23(3)

71-004964 de Boer, B. A. FACTORS INFLUENCING THE DISTRIBUTION OF THE DAMSELFISH /CHROMIS CYANEA/ (POEY), POMACENTRIDAE, ON A REEF AT CURACAO, NETHERLANDS ANTILLES. *Bull. Mar. Sci.* 28 (3): 550-565. July 1978. SFA 23(4)

71-004965 De Sylva, D. P. ATTACKS BY BLUEFISH (/POMATOMUS SALTATRIX/) ON HUMANS IN SOUTH FLORIDA. *Copeia* 1976(1):196-198. 12 Mar. 1976. SFA 21(1).

71-004966 DeMartini, E. E. THE ADAPTIVE SIGNIFICANCE OF TERRITORIALITY AND EGG CANNIBALISM IN THE PAINTED GREENLING, /OXYLEBIUS PICTUS/ GILL, A NORTHEASTERN PACIFIC MARINE FISH. *Ph. D. dissertation, Univ. Wash.* 298p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-004967 deMond, D. K. BEHAVIORAL THERMOREGULATION OF THE BLUEGILL, *LEPOMIS MACROCHIRUS. J. Miss. Acad. Sci.* 24(Suppl.):114. 1979. Abstract only. SFA 25(2)

71-004968 Devitsina, G. V. and Belousova, T. A. ON THE PARTICIPATION OF THE TRIGEMINAL SYSTEM IN ODOR RECEPTION IN FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 114-120. 1978. SFA 24(3)

71-004969 DeVore, P. W. and White, R. J. DAYTIME REPSONSES OF BROWN TROUT (/SALMO TRUTTA/) TO COVER STIMULI IN STREAM CHANNELS. *Trans. Am. Fish. Soc.* 107 (6): 763-771. Nov. 1978. SFA 24(2)

71-004970 Dill, L. M. AGGRESSIVE DISTANCE IN JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Can. J. Zool.* 56 (6): 1441-1446. June 1978. In English with French summ. SFA 23(4)

71-004971 Dill, L. M. REFRACTION AND THE SPITTING BEHAVIOR OF THE ARCHERFISH (/TOXOTES CHATAREUS/). *Behav. Ecol. Sociobiol.* 2 (2): 169-184. 1977. SFA 22(4)

71-004972 Dill, P. A. DEVELOPMENT OF BEHAVIOUR IN ALEVINS OF ATLANTIC SALMON, /SALMO SALAR/, AND RAINBOW TROUT, /S. GAIRDNERI/. *Anim. Behav.* 25 (1): 116-121. Feb. 1977. SFA 22(4)

71-004973 DiMichele, L. V. THE HATCHING MECHANISM OF *FUNDULUS HETEROCLITUS. Ph.D. dissertation, Univ. Del.* 136p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(1):86. July 1980. SFA 25(4)

71-004974 Døving, K. B.; R. Selset and G. Thommesen. OLFACTORY SENSITIVITY TO BILE ACIDS IN SALMONID FISHES. *Acta Physiol. Scand.* 108(2):123-131. Feb. 1980. SFA 25(3)

71-004975 Dodson, J. J. and Young, J. C. TEMPERATURE AND PHOTOPERIOD REGULATION OF RHEOTROPIC BEHAVIOR IN PRESPAWNING COMMON SHINERS, /NOTROPIS CORNUTUS/. *J. Fish. Res. Board Can.* 34 (3): 341-346. Mar. 1977. In English with French summ. SFA 22(3)

71-004976 Dore, F.; Lefebvre, L. and Ducharme, R. THREAT DISPLAY IN /BETTA SPLENDENS/: EFFECTS OF WATER CONDITION AND TYPE OF AGONISTIC STIMULATION. *Anim. Behav.* 26 (3): 738-745. 1978.

71-004977 Dorn, P. B. SEVERAL ASPECTS OF THE ORIENTATION OF SOME FISH TO LIGHT: RESPONSE TO POLARIZED LIGHT IN GOLDFISH, AND RESPONSE OF SHARK TO LIGHT, CHEMICAL STIMULUS AND THEIR COMBINATION. *Ph. D. dissertation, Texas A&M Univ.* 127p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-004978 Dorn, P.; Johnson, L. and Darby, C. THE SWIMMING PERFORMANCE OF NINE SPECIES OF COMMON CALIFORNIA INSHORE FISHES. *Trans. Am. Fish. Soc.* 108(4):366-372. July 1979. SFA 25(1)

71-004979 Dow, M.; Ewing, A. W. and Sutherland, I. STUDIES ON THE BEHAVIOUR OF CYPRINODONT FISH III. THE TEMPORAL PATTERNING OF AGGRESSION IN /APHYOSEMION STRIATUM/ (BOULENGER). *Behaviour* 59 (3-4): 252-265. 1976. In English with German summ. SFA 22(3)

71-004980 Downhower, J. F. and Brown, L. SEASONAL CHANGES IN THE SOCIAL STRUCTURE OF A MOTTLED SCULPIN (/COTTUS BAIRDI/) POPULATION. *Anim. Behav. (Bailliere Tindall, Publ.)* 27 (2): 451-458. May 1979. SFA 24(4)

71-004981 Dubois, A. B. and Ogilvy, C. S. FORCES ON THE TAIL SURFACE OF SWIMMING FISH: THRUST, DRAG AND ACCELERATION IN BLUEFISH (/POMATOMUS SALTATRIX/). *J. Exp. Biol.* 77: 225-241. Dec. 1978. SFA 24(2)

71-004982 Dubois, A. B.; Cavagna, G. A. and Fox, R. S. LOCOMOTION OF BLUEFISH. *J. Exp. Zool.* 195(2):223-236. Feb. 1976. SFA 22(2)

71-004983 Durand, J. P. PHENOMENES DE CONVERGENCES TISSULAIRES ET CYTOLOGIQUES, LIES AUX PROCESSUS DEGENERATIFS QUI AFFECTENT L'CEIL, CHEZ DEUX TELEOSTEENS CAVERNICOLES /ASTYANAX (ANOPTICHTHYS) MEXICANUS/ (CHARACIDAE) ET /LUCIFUGA (STYGICOLA) DENTATUS/ (OPHIDIIDAE). [PHENOMENA OF TISSULAR AND CYTOLOGICAL CONVERGENCES IN RELATION TO DEGENERATIVE PROCESSES AFFECTING THE EYE IN TWO CAVE TELEOSTS.] *Bull. Soc. Zool. Fr.* 103 (3): 269-274. 1978. In French with English summ. SFA 24(4)

71-004984 Eaton, R. C.; Bombardieri, R. A. and Meyer, D. L. THE MAUTHNER-INITIATED STARTLE RESPONSE IN TELEOST FISH. *J. Exp. Biol.* 66: 65-81. Feb. 1977. SFA 22(3)

71-004985 Ebbesson, S. O. E. and D. L. Meyer. THE VISUAL SYSTEM OF THE GUITAR FISH (*RHINOBATOS PRODUCTUS*). *Cell Tissue Res.* 206(2):243-250. Mar. 1980. SFA 25(3)

71-004986 Eberhart, A. C. THE SOUND PRODUCING MECHANISMS OF THE BROWN BULLHEAD, *ICTALURUS NEBULOSUS. M.A. thesis, Calif. State Univ. (Long Beach)* 39p. 1979. From Masters Abstr. 17(4):295. Dec. 1979. SFA 25(2)

71-004987 Ebersole, J. P. THE ADAPTIVE SIGNIFICANCE OF INTERSPECIFIC TERRITORIALITY IN THE REEF FISH /EUPOMACENTRUS LEUCOSTICTUS/. *Ecology* 58 (4): 914-920. 1977. SFA 23(2)

71-004988 Ebersole, J. P. ADAPTIVE TERRITORIAL STRATEGIES IN THE CORAL REEF FISH /EUPOMACENTRUS LEUCOSTICTUS/. *Ph.D. dissertation, Univ. Calif. (Los Angeles)* 88p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2507. Dec. 1977. SFA 23(3)

71-004989 Edel, R. K. LOCOMOTOR ACTIVITY OF ADULT-SIZED AMERICAN EELS (/ANGUILLA ROSTRATA/ LESUEUR): EFFECTS OF SHELTER AVAILABILITY, INDUCED MATURATION AND SENSORY IMPAIRMENT. *Ph.D. dissertation, Univ. R. I.* 167p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36((10), 1976. SFA 21(2).

71-004990 Edwards, J. L. LOCOMOTOR CONVERGENCE OF ANGLER FISH AND TETRAPODS: GAIT ANALYSIS. *Am. Zool.* 18 (3): 611. 1978. Abstract only. SFA 24(2)

71-004991 Eggers, D. M. A SYNTHESIS OF THE FEEDING BEHAVIOR AND GROWTH OF JUVENILE SOCKEYE SALMON IN THE LIMNETIC ENVIRONMENT. *Ph. D. dissertation, Univ. Wash.* 231p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-004992 Eggers, D. M. THEORETICAL EFFECT OF SCHOOLING BY PLANKTIVOROUS FISH PREDATORS ON RATE OF PREY CONSUMPTION. *J. Fish. Res. Board Can.* 33 (9): 1964-1971. Sept. 1976. In English with French summ. SFA 21(3).

71-004993 Ehrlich, K. F.; Stephens, J. S.; Muszynski, G. and Hood, J. M. THERMAL BEHAVIORAL RESPONSES OF THE SPECKLED SANDDAB, /CITHARICHTHYS STIGMAEUS/ LABORATORY AND FIELD INVESTIGATIONS. *NOAA Fish. Bull.* 76 (4): 867-872. 1979. SFA 24(2)

71-004994 Ehrlich, K. F.; Hood, J. M.; Muszynski, G. and McGowen, G. E. THERMAL BEHAVIORAL RESPONSES OF SELECTED CALIFORNIA LITTORAL FISHES. *NOAA Fish. Bull.* 76 (4): 837-849. 1979. SFA 24(2)

71-004995 Ejike, C. and C. B. Schreck. STRESS AND SOCIAL HIERARCHY RANK IN COHO SALMON. *Trans. Am. Fish. Soc.* 109(4):423-426. July 1980. SFA 25(4)

71-004996 Emanuel, M. E. and Dodson, J. J. MODIFICATION OF THE RHEOTROPIC BEHAVIOR OF MALE RAINBOW TROUT (/SALMO GAIRDNERI/) BY OVARIAN FLUID. *J. Fish. Res. Board Can.* 36 (1): 63-68. Jan. 1979. In English with French summ. SFA 24(2)

71-004997 Farr, J. A. III. FACTORS AFFECTING SOCIAL BEHAVIOR OF THE GUPPY, /POECILIA RETICULATA/ (PISCES: POECILIIDAE), WITH EMPHASIS ON SEXUAL SELECTION. *Ph. D. dissertation, Fla. State Univ.* 120p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1).

71-004998 Farr, J. A. MALE RARITY OR NOVELTY, FEMALE CHOICE BEHAVIOR, AND SEXUAL SELECTION IN THE GUPPY, /POECILIA RETICULATA/ PETERS (PISCES: POECILIIDAE). *Evolution* 31(1):162-168. Mar. 1977. SFA 22(3)

71-004999 Farr, J. A. THE ROLE OF PREDATION IN THE EVOLUTION OF SOCIAL BEHAVIOR OF NATURAL POPULATIONS OF THE GUPPY, /POECILIA RETICULATA/ (PISCES: POECILIIDAE). *Evolution* 29 (1): 151-158. Mar. 1975. SFA 22(1)

71-005000 Farrell, A. P. and Randall, D. J. AIR-BREATHING MECHANICS IN TWO AMAZONIAN TELEOSTS, /ARAPAIMA GIGAS/ AND /HOPLERYTHRINUS UNITAENIATUS/. *Can. J. Zool.* 56 (4): 939-945. Apr. 1978. In English with French summ. SFA 23(3)

71-005001 Fay, R. R.; Ahroon, W. A. and Orawski, A. A. AUDITORY MASKING PATTERNS IN THE GOLDFISH (/CARASSIUS AURATUS/): PSYCHOPHYSICAL TUNING CURVES. *J. Exp. Biol.* 74: 83-100. June 1978. SFA 23(4)

71-005002 Feng, A. S. THE EFFECT OF TEMPERATURE ON A SOCIAL BEHAVIOR OF WEAKLY ELECTRIC FISH /EIGENMANNIA VIRESCENS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (2): 99-102. 1976. SFA 22(2)

71-005003 Fernet, D. A. and Smith, R. J. F. AGONISTIC BEHAVIOR OF CAPTIVE GOLDEYE (/HIODON ALOSOIDES/). *J. Fish. Res. Board Can.* 33 (4,1): 695-702. Apr. 1976. In English with French summ. SFA 21(2).

71-005004 Ferno, A. THE EFFECT OF SOCIAL ISOLATION ON THE AGGRESSIVE AND SEXUAL BEHAVIOUR IN A CICHLID FISH, /HAPLOCHROMIS BURTONI/. *Behaviour* 65 (1,2): 43-61. 1978. In English with German summ. SFA 23(4)

71-005005 Figler, M. H.; Klein, R. M. and Peeke, H. V. S. THE ESTABLISHMENT AND REVERSIBILITY OF DOMINANCE RELATIONSHIPS IN JEWEL FISH, /HEMICHROMIS BIMACULATUS/ GILL (PISCES, CICHLIDAE): EFFECTS OF PRIOR EXPOSURE AND PRIOR RESIDENCE SITUATIONS. *Behaviour* 53 (3-4): 254-271. 1976. In English with German summ. SFA 21(4).

71-005006 Fine, M. L. SEASONAL AND GEOGRAPHICAL VARIATION OF THE MATING CALL OF THE OYSTER TOADFISH /OPSANUS TAU/ L. *Oecologia (Berl.)* 36 (1): 45-57. 1978. SFA 24(1)

71-005007 Fine, M. L. VARIATION OF NATURAL AND BRAIN-STIMULATED SOUNDS OF THE OYSTER TOADFISH /OPSANUS TAU/ L. *Ph.D. dissertation, Univ. R. I.* 82 p. 1976. From Diss. Abstr. Int. B. Sci. Eng. 37(5), 1976. SFA 22(3)

71-005008 Fine, M. L.; Winn, H. E.; Joest, L. and Perkins, P. J. TEMPORAL ASPECTS OF CALLING BEHAVIOR IN THE OYSTER TOADFISH, /OPSANUS TAU/. *NOAA Fish. Bull.* 75 (4): 871-874. Oct. 1977. SFA 23(2)

71-005009 Finger, T. R. PATTERNS OF INTERACTIVE SEGREGATION IN THREE SPECIES OF SCULPINS (/COTTUS/) IN WESTERN OREGON. *Ph.D. dissertation, Oreg. State Univ.* 135p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):2030. Nov. 1979. SFA 25(1)

71-005010 Fishelson, L. OBSERVATIONS OF BEHAVIOUR OF THE FISH /MEIACANTHUS NIGROLINEATUS/ SMITH-VANIZ (BLENNIIDAE) IN NATURE (RED SEA) AND IN CAPTIVITY. *Aust. J. Mar. Freshwater Res.* 26 (3)d 329-341. Nov. 1976. SFA 21(4).

71-005011 Fivizzani, A. J. and Spieler, R. E. MODIFIED STAALAND DEVICE WITH AUTOMATIC RECORDING TECHNIQUES FOR DETERMINING SALINITY PREFERENCE IN FISHES. *J. Fish. Res. Board Can.* 35 (6): 910-912. June 1978. In English with French summ. SFA 23(3)

71-005012 Freadman, M. A. HYDRODYNAMIC CORRELATES OF LOCOMOTION AND GILL VENTILATION IN STRIPED BASS AND BLUEFISH. *Am. Zool.* 18 (3): 594. 1978. Abstract only. SFA 24(2)

71-005013 Fujiya, M.; Sakaguchi, S. and Fukuhara, O. [AUDIO-SIGNAL TRAINING OF RED SEABREAM.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:205-214. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-005014 Gaddis, P. COMMUNICATION BY HARMONIZATION OF ELECTRIC ORGAN DISCHARGE FREQUENCIES BY /EIGENMANNIA VIRESCENS/ (STERNOPYGIDAE, PISCES). *Rev. Can. Biol.* 36 (4): 317-320. Dec. 1977. In English with French summ. SFA 23(2)

71-005015 Galaktionov, G. Z. MIGRATION RATE AND SYSTEM OF SEARCH REACTIONS OF THE EUROPEAN EEL. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (1): 88-91. Jan.-Feb. 1978. SFA 24(2)

71-005016 Garside, E. T. and Morrison, G. C. THERMAL PREFERENCES OF MUMMICHOG, /FUNDULUS HETEROCLITUS/ L., AND BANDED KILLIFSH, /F. DIAPHANUS/ (LESUEUR), (CYPRINODONTIDAE) IN RELATION TO THERMAL ACCLIMATION AND SALINITY. *Can. J. Zool.* 55 (7): 1190-1194. July 1977. In English with French summ. SFA 22(4)

71-005017 Garside, E. T.; Heinze, D. G. and Barbour, S. E. THERMAL PREFERENCE IN RELATION TO SALINITY IN THE THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L., WITH AN INTERPRETATION OF ITS SIGNIFICANCE. *Can. J. Zool.* 55 (3): 590-594. Mar. 1977. In English with French summ. SFA 22(4)

71-005018 Gee, J. H. EFFECTS OF SIZE OF FISH, WATER TEMPERATURE AND WATER VELOCITY ON BUOYANCY ALTERATION BY FATHEAD MINNOWS, /PIMEPHALES PROMELAS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (4): 503-508. 1977. SFA 22(3)

71-005019 Gendron, R. P. and Mayzel, K. ASSOCIATION OF /THALASSOMA BIFASCIATUM/ WITH /CONDYLACTIS GIGANTEA/ IN THE BAHAMAS. *Copeia* 1976 (2): 382-384. May 1976. SFA 21(2).

71-005020 Georgieva, V.; Patzner, R. A. and Adam, H. TRANSMISSIONS- UND RASTERELEKTRONEN- MIKROSKOPISCHE UNTERSUCHUNG AN DEN SINNESKNOSPEN DER TENTAKELN VON /MYXINE GLUTINOSA/ L. (CYCLOSTOMATA). [TRANSMISSION AND SCANNING ELECTRON MICROSCOPICAL STUDY OF THE SENSORY BUDS IN THE BARBELS OF /MYXINE GLUTINOSA/ L. (CYCLOSTOMATA).] *Zool. Scr.* 8 (1): 61-67. 1979. In German with English summ. SFA 24(4)

71-005021 Gibson, R. J. THE BEHAVIOR OF JUVENILE ATLANTIC SALMON (/SALMO SALAR/) AND BROOK TROUT (/SALVELINUS FONTINALIS/) WITH REGARD TO TEMPERATURE AND TO WATER VELOCITY. *Trans. Am. Fish. Soc.* 107(5):703-712. Sept. 1978. SFA 24(1)

71-005022 Gift, J. J. APPLICATION OF TEMPERATURE PREFERENCE STUDIES TO ENVIRONMENTAL IMPACT ASSESSMENT. *J. Fish. Res. Board Can.* 34 (5): 746-749. May 1977. In English with French summ. SFA 22(3)

71-005023 Gilbert, P. W. TWO DECADES OF SHARK RESEARCH: A REVIEW. *Bioscience* 27(10):670-673. Oct. 1977. SFA 23(1)

71-005024 Girsa, I. I. and Danilov, A. N. THE DEFENSIVE BEHAVIOR OF THE WHITE SEA SAND LANCE /AMMODYTES HEXAPTERUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 862-865. 1976. SFA 23(2)

71-005025 Glodek, G. S. and Carter, H. J. A NEW HELOGENEID CATFISH FROM EASTERN ECUADOR (PISCES, SILURIFORMES, HELOGENEIDAE). *Fieldiana Zool.* 72 (6): 75-82. 23 Feb. 1978. SFA 23(3)

71-005026 Glova, G. J. and McInerney, J. E. CRITICAL SWIMMING SPEEDS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) FRY TO SMOLT STAGES IN RELATION TO SALINITY AND TEMPERATURE. *J. Fish. Res. Board Can.* 34 (1): 151-154. Jan. 1977. In English with French summ. SFA 22(2)

71-005027 Glova, G. J. PATTERN AND MECHANISM OF RESOURCE PARTITIONING BETWEEN STREAM POPULATIONS OF JUVENILE COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND COASTAL CUTTHROAT TROUT (/SALMO CLARKI CLARKI/). *Ph.D. dissertation, Univ. British Columbia* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5738. June 1979. SFA 24(4)

71-005028 Goddard, C. I. and Tait, J. S. PREFERRED TEMPERATURES OF F(3) TO F(5) HYBRIDS OF /SALVELINUS FONTINALS/ X /S. NAMAYCUSH/. *J. Fish. Res. Board Can.* 33(2):197-202. Feb. 1976. In English with French summ. SFA 21(1).

71-005029 Godin, J.-G. J. DIEL RHYTHMS OF BEHAVIOR IN JUVENILE PINK SALMON (*ONCORHYNCHUS GORBUSCHA* WALBAUM). *Ph.D. dissertation, Univ. British Columbia* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5168. May 1980. SFA 25(3)

71-005030 Godin, J.-G.; Groot, C. and Armstrong, M. C. DESCRIPTION AND EVALUATION OF PHOTOELECTRIC SYSTEM FOR MONITORING THE LOCOMOTOR ACTIVITY OF A PELAGIC FISH. *Can. J. Zool.* 56(6):1412-1419. June 1978. In English with French summ. SFA 23(4)

71-005031 Goff, G. P. and Green, J. M. FIELD STUDIES OF THE SENSORY BASIS OF HOMING AND ORIENTATION TO THE HOME SITE IN /ULVARIA SUBBIFURCATA/ (PISCES: STICHAEIDAE). *Can. J. Zool.* 56 (10): 2220-2224. Oct. 1978. In English with French summ. SFA 24(1)

71-005032 Goh, Y. and Tamura, T. ELECTRICAL RESPONSES OF THE OLFACTORY TRACT TO SOME CHEMICAL STIMULANTS IN CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1289-1294. Dec. 1978. SFA 24(2)

71-005033 Goldstein, S. R. OBSERVATIONS ON THE ESTABLISHMENT OF A STABLE COMMUNITY OF ADULT MALE AND FEMALE SIAMESE FISHTING FISH (/BETTA SPLENDENS/). *Anim. Behav.* 23(1):179-185. Feb. 1975. SFA 21(1).

71-005034 Goodyear, C. P. and D. H. Bennett. SUN COMPASS ORIENTATION OF IMMATURE BLUEGILL. *Trans. Am. Fish. Soc.* 108(6):555-559. Nov. 1979. SFA 25(2)

71-005035 Gorlick, D. L. DOMINANCE HIERARCHIES AND FACTORS INFLUENCING DOMINANCE IN THE GUPPY /POECILLA RETICULATA/ (PETERS). *Anim. Behav.* 1976 (2): 336-346. May 1976. SFA 21(2).

71-005036 Gottschalk, B. and Scheich, H. PHASE SENSITIVITY AND PHASE COUPLING: COMMON MECHANISMS FOR COMMUNICATION BEHAVIORS IN GYMNOTID WAVE AND PULSE SPECIES. *Behav. Ecol. Sociobiol.* 4 (4): 395-408. 1979. SFA 24(3)

71-005037 Graf, W. and Meyer, D. L. EYE POSITIONS IN FISHES SUGGEST DIFFERENT MODES OF INTERACTION BETWEEN COMMANDS AND REFLEXES. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 128 (3): 241-250. 1978. SFA 24(2)

71-005038 Gray, N. L. and Marshall, J. A. THE EFFECT OF SIZE AND EXPERIENCE ON SOUND PRODUCTION DURING MALE-MALE AGONISTIC BEHAVIOR IN /TRICHOPSIS VITTATUS/. *Proc. W. Va. Acad. Sci.* 48 (1): 28. 1976. Abstract only. SFA 21(2).

71-005039 Gray, R. H.; Genoway, R. G. and Barraclough, S. A. BEHAVIOR OF JUVENILE CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) IN RELATION TO SIMULATED THERMAL EFFLUENT. *Trans. Am. Fish. Soc.* 106 (4): 366-370. July 1977. SFA 22(4)

71-005040 Green, J. M. and Fisher, R. A FIELD STUDY OF HOMING AND ORIENTATION TO THE HOME SITE IN /ULVARIA SUBBIFURCATA/ (PISCES: STICHAEIDAE). *Can. J. Zool.* 55 (9): 1551-1556. Sept. 1977. SFA 23(1)

71-005041 Green, M. D. and Lomax, P. BEHAVIOURAL THERMOREGULATION AND NEUROAMINES IN FISH (/CHROMUS CHROMUS/). *J. Therm. Biol.* 1 (4): 237-240. Oct. 1976. SFA 23(4)

71-005042 Greenblatt, P. R. ASSOCIATIONS OF TUNA WITH FLOTSAM IN THE EASTERN TROPICAL PACIFIC. *NOAA Fish. Bull.* 77 (1): 147-155. Jan. 1979. SFA 24(3)

71-005043 Greene, J. H. III and Adair, O. V. THE DESCRIPTION OF TWO PARAMETERS IN COLOR DISCRIMINATION IN /NOTROPIS SIGNIPINNIS/ (BAILEY AND SUTTKUS). *J. Ala. Acad. Sci.* 48 (3): 68-69. July 1977. SFA 23(1)

71-005044 Grimshaw, H. J. SPECIES AND MATE DISCRIMINATION IN THE BLUEGILL SUNFISH, /LEPOMIS MACROCHIRUS/ (PISCES: CENTRARCHIDAE). *Ph.D. dissertation, Univ. Okla.* 36p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(10):4768. Apr. 1979. SFA 24(3)

71-005045 Grossman, G. D. FOOD, FIGHTS, AND BURROWS: THE ADAPTIVE SIGNIFICANCE OF INTRASPECIFIC AGGRESSION IN THE BAY GOBY (PISCES: GOBIIDAE). *Oecologia (Berl.)* 45(2):261-266. 1980. SFA 25(3)

71-005046 Grossman, G. D. SYMBIOTIC BURROW-OCCUPYING BEHAVIOR IN THE BAY GOBY, /LEPIDOGOBIUS LEPIDUS/. *Calif. Fish Game* 65 (2): 122-124. Apr. 1979. SFA 24(3)

71-005047 Gruber, D. and Cahn, P. H. LOCALIZATION OF CHEMICAL SOURCES BY BLINDED MUMMICHOGS, /FUNDULUS HETEROCLITUS/. *Am. Midl. Nat.* 94(2):500-503. Oct. 1975. SFA 21(1).

71-005048 Gruber, D. THE EFFECT OF FLOWING WATER ON THE LOCOMOTOR BEHAVIOR OF NURSE (/GINGLYMOSTOMA CIRRATUM/) AND LEMON (/NEGAPRION BREVIROSTRIS/) SHARKS AND ON THE ACCURACY OF LOCALIZATION OF A CHEMICAL SOURCE BY NURSE SHARKS. *Ph.D. dissertation, Texas A&M Univ.* 118 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-005049 Gruber, S. H. and Myrberg, A. A., Jr. APPROACHES TO THE STUDY OF THE BEHAVIOR OF SHARKS. *Am. Zool.* 17 (2): 471-486. 1977. SFA 22(4)

71-005050 Guennegan, Y. and Rannou, M. SEMI-DIURNAL RHYTHMIC ACTIVITY IN DEEP-SEA BENTHIC FISHES IN THE BAY OF BISCAY. *Sarsia* 64(1/2):113-116. 1979. SFA 25(1)

71-005051 Guest, W. C. and Lasswell, J. L. A NOTE ON COURTSHIP BEHAVIOR AND SOUND PRODUCTION OF RED DRUM. *Copeia* 1978 (2): 337-338. 5 May 1978. SFA 23(3)

71-005052 Guillory, V. SPECIES ASSEMBLAGES OF FISH IN LAKE CONWAY. *Fla. Sci.* 42 (3): 158-162. 1979. SFA 24(3)

71-005053 Gusar, A. G. and Kupriyanov, V. S. USE OF UNDERWATER TELEVISION TO STUDY THE BEHAVIOR OF FISHES IN LIGHT FIELDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 519-521. 1975. SFA 21(4)

71-005054 Gushima, K.; Condou, K. and Murakami, U. [DIEL CHANGE IN FAMILY COMPOSITION OF REEF FISHES.] *J. Fac. Fish. Anim. Husb. Hiroshima Univ.* 16 (2): 151-156. Dec. 1977. In Japanese with English summ. SFA 23(2)

71-005055 Haaker, P. L. OBSERVATIONS OF AGONISTIC BEHAVIOR IN THE TREEFISH, /SEBASTES SERRICEPS/ (SCORPAENIDAE). *Calif. Fish Game* 64 (3): 227-228. July 1978. SFA 24(1)

71-005056 Haas, R. BEHAVIORAL BIOLOGY OF THE ANNUAL KILLIFISH, /NOTHOBRANCHIUS GUENTHERI/. *Copeia* 1976(1):80-91. 12 Mar. 1976. SFA 21(1).

71-005057 Habib, G. INFLATION IN THE PUFFERFISH /URANOSTOMA RICHEI/ (TELEOSTEI: PLECTOGNATHI: LAGOCEPHALIDAE). *Mauri Ora* 5: 3-7. 1977. SFA 24(2)

71-005058 Hackney, P. A. and Linkous, T. E. STRIKING BEHAVIOR OF THE LARGEMOUTH BASS AND USE OF THE BINOMIAL DISTRIBUTION FOR ITS ANALYSIS. *Trans. Am. Fish. Soc.* 107 (5): 682-688. Sept. 1978. SFA 24(1)

71-005059 Hahn, P. K. J. EFFECTS OF FLUCTUATING AND CONSTANT TEMPERATURES ON BEHAVIOR OF STEELHEAD TROUT (/SALMO GAIRDNERI/). *Ph.D. dissertation, Univ. Idaho* 142p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38 (12):5668. June 1978. SFA 23(4)

71-005060 Hall, L. W., Jr.; Hocutt, C. H. and Stauffer, J. R., Jr. THE EFFECTS OF GEOGRAPHIC LOCATION ON THE TEMPERATURE PREFERENCE OF THE WHITE PERCH (/MORONE AMERICANA/). *ASB (Assoc. Southeast. Biol.) Bull.* 25 (2): 40. Apr. 1978. SFA 23(4)

71-005061 Hall, L. W., Jr.; Hocutt, C. H. and Stauffer, J. R., Jr. IMPLICATION OF GEOGRAPHIC LOCATION ON TEMPERATURE PREFERENCE OF WHITE PERCH, /MORONE AMERICANA/. *J. Fish. Res. Board Can.* 35 (11): 1464-1468. Nov. 1978. In English with French summ. SFA 24(1)

71-005062 Hall, L. W., Jr.; Hocutt, C. H. and Stauffer, J. R., Jr. TEMPERATURE PREFERENCE OF THE WHITE PERCH, /MORONE AMERICANA/, COLLECTED IN THE WICOMICO RIVER, MARYLAND. *Estuaries* 2 (2): 129-132. June 1979. SFA 24(3)

71-005063 Hamilton, A. and Whitmore, D. H. THE ONTOGENY OF THE ALARM REACTION IN THE MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Bull. Ecol. Soc. Am.* 59 (2): 95. June 1978. Abstract only. SFA 23(4)

71-005064 Hanes, S. R. and R. J. Stark. REESTABLISHMENT OF RETINAL-TECTAL SPECIFICITY DURING GOLDFISH OPTIC NERVE REGENERATION. *Proc. Indiana Acad. Sci.* 88:425. 1979. Abstract only. SFA 25(3)

71-005065 Hanson, D. L. HABITAT SELECTION AND SPATIAL INTERACTION IN ALLOPATRIC AND SYMPATRIC POPULATIONS OF CUTTHROAT AND STEELHEAD TROUT. *Ph.D. dissertation, Univ. Idaho* 76p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1007. Sept. 1977. SFA 23(3)

71-005066 Hara, T. J. and Brown, S. B. OLFACTORY BULBAR ELECTRICAL RESPONSES OF RAINBOW TROUT (/SALMO GAIRDNERI/) EXPOSED TO MORPHOLINE DURING SMOLTIFICATION. *J. Fish. Res. Board Can.* 36(10):1186-1190. Oct. 1979. In English with French summ. SFA 25(1)

71-005067 Hartmann, F. THE FIERCE AND FATHERLY SIAMESE FIGHTING FISH. *Nat. Hist.* 87 (5): 68-71. May 1978. SFA 23(3)

71-005068 Hartwell, S. I. and Otto, R. G. SWIMMING PERFORMANCE OF JUVENILE MENHADEN (/BREVOORTIA TYRANNUS/). *Trans. Am. Fish. Soc.* 107 (6): 793-798. Nov. 1978. SFA 24(2)

71-005069 Hawkins, A. D. and Johnstone, A. D. F. THE HEARING OF THE ATLANTIC SALMON, /SALMO SALAR/. *J. Fish Biol.* 13(6):655-673. Dec. 1978. SFA 24(2)

71-005070 Hawkins, A. D. and Rasmussen, K. J. THE CALLS OF GADOID FISH. *J. Mar. Biol. Assoc. U.K.* 58 (4): 891-911. Nov. 1978. SFA 24(2)

71-005071 Hay, T. F. FILIAL IMPRINTING IN THE CONVICT CICHLID FISH /CICHLASOMA NIGROFASCIATUM/. *Behaviour* 65 (1,2): 138-160. 1978. In English with German summ. SFA 23(4)

71-005072 Heiligenberg, W. THE INTERACTION OF STIMULUS PATTERNS CONTROLLING AGGRESSIVENESS IN THE CICHLID FISH /HAPLOCHROMIS BURTONI/. *Anim. Behav.* 1976 (2): 452-458. May 1976. SFA 21(2).

71-005073 Heland, M. OBERVATIONS SUR L'ESTABLISSEMENT DU COMPORTEMENT DE NAGE FACE AU COURANT CHEZ L'ALEVIN DE TRUITE, /SALMO TRUTTA/ L., EN RUISSEAU ARTIFICIEL. [OBSERVATIONS ON THE ESTABLISHMENT OF SWIMMING BEHAVIOUR AGAINST THE CURRENT IN TROUT ALEVINS, /SALMO TRUTTA/ L., IN AN ARTIFICIAL STREAM.] *Ann. Limnol.* 14(3):273-280. 1978. In French with English summ. SFA 24(4)

71-005074 Helfman, G. S. TEMPORAL RELATIONSHIPS IN A FRESHWATER FISH COMMUNITY. *Ph. D. dissertation, Cornell Univ.* 279p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2504. Dec. 1979. SFA 25(2)

71-005075 Helfman, G. S. TWILIGHT ACTIVITIES OF YELLOW PERCH, /PERCA FLAVESCENS/. *J. Fish. Res. Board Can.* 36 (2): 173-179. Feb. 1979. In English with French summ. SFA 24(3)

71-005076 Henderson, D. L. and Chiszar, D. A. ANALYSIS OF AGGRESSIVE BEHAVIOUR IN THE BLUEGILL SUNFISH /LEPOMIS MACROCHIRUS/ RAFINESQUE: EFFECTS OF SEX AND SIZE. *Anim. Behav.* 25 (1): 122-130. Feb. 1977. SFA 22(4)

71-005077 Hennig, M. "ZAEHL"-VERMOEGEN BEI /BLENNIUS PAVO/ RISSO (BLENNIIDAE, PERCIFORMES). ["COUNTING"-ABILITY IN /BLENNIUS PAVO/ RISSO (BLENNIIDAE, PERCIFORMES).] *Zool. Anz.* 199 (1/2): 1-18. 1977. In German with English summ. SFA 23(2)

71-005078 Hesthagen, I. H. LOCOMOTOR ACTIVITY IN THE PAINTED GOBY, *POMATOSCHISTUS PICTUS* (MALM) (PISCES), IN RELATION TO LIGHT INTENSITY. *Sarsia* 65(1):13-18. 1980. SFA 25(2)

71-005079 Hesthagen, I. H. LOCOMOTORY ACTIVITY OF THE BLACK GOBY, /GOBIUS NIGER/ L. (PISCES, GOBIIDAE), UNDER ARTIFICIAL LIGHT CONDITIONS, INCLUDING A FALSE DAWN AND DUSK. *Sarsia* 62: 9-18. 30 Dec. 1976. SFA 22(3)

71-005080 Hettler, W. F. SWIMMING SPEEDS OF JUVENILE ESTUARINE FISH IN A CIRCULAR FLUME. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:392-398. 1977[1979]. SFA 24(4)

71-005081 Heymer, A. and Zander, C. D. MORPHOLOGY AND ECOLGY OF /GOBIUS VITTATUS/ VINCIGUERRA, 1883, AND ITS POSSIBLE MIMICRY RELATIONSHIP TO /BLENNIUS ROUXI/ COCCO, 1833 IN THE MEDITERRANEAN. *Z. Zool. Syst. Evolutionsforsch.* 16(2):132-143. Aug. 1978. In English with French and German summ. SFA 24(1)

71-005082 Hill, B. J. and Ribbink, A. J. DEPTH EQUILIBRATION OF A SHALLOW-WATER CICHLID FISH. *J. Fish Biol.* 13 (6): 741-745. Dec. 1978. SFA 24(2)

71-005083 Hill, L. G.; Schnell, G. D. and Pigg, J. THERMAL ACCLIMATION AND TEMPERATURE SELECTION IN SUNFISHES (/LEPOMIS/, CENTRARCHIDAE). *Southwest Nat.* 20 (2): 177-184. 27 June 1975. SFA 22(2)

71-005084 Hirsch, P. J. CONDITIONING THE HEART RATE OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) TO ODORS. *Ph.D. dissertation, Univ. Wis. (Madison)* 89p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1084. Sept. 1977. SFA 23(3)

71-005085 Hixon, M. A. THE HALFMOON, /MEDIALUNA CALIFORNIENSIS/, AS A CLEANER FISH. *Calif. Fish Game* 65 (2): 117-118. Apr. 1979. SFA 24(3)

71-005086 Hobson, E. S. THE ROCK WRASSE, /HALICHOERES SEMICINCTUS/ AS A CLEANER FISH. *Calif. Fish Game* 62(1):73-78. Jan. 1976. SFA 21(1).

71-005087 Hoff, J. G. CONTRIBUTION TO THE BIOLOGY OF THE SEABOARD GOBY, /GOBIOSOMA GINSBURGI/. *Copeia* 1976 (2): 385-386. May 1976. SFA 21(2).

71-005088 Hogan, J. A. and R. J. Bols. PRIMING OF AGGRESSIVE MOTIVATION IN *Betta splendens*. *Anim. Behav. (Baillière Tindall, Publ.)* 28(1):135-142. Feb. 1980. SFA 25(2)

71-005089 Holzberg, S. A FIELD AND LABORATORY STUDY OF THE BEHAVIOUR AND ECOLOGY OF /PSEUDOTROPHEUS ZEBRA/ (BOULENGER), AN ENDEMIC CICHLID OF LAKE MALAWI (PISCES; CICHLIDAE). *Z. Zool. Syst. Evolutionsforsch.* 16 (3): 171-187. Oct. 1978. In English with German summ. SFA 24(2)

71-005090 Holzberg, S. and Schroder, J. H. THE INHERITANCE OF AGGRESSIVENESS IN THE CONVICT CICHLID FISH, /CICHLASOMA NIGROFASCIATUM/ (PISCES: CICHLIDAE). *Anim. Behav.* 23(3):625-631. Aug. 1975. SFA 21(1).

71-005091 Hopkins, C. D. EVOLUTION OF ELECTRIC COMMUNICATION CHANNELS OF MORMYRIDS. *Behav. Ecol. Sociobiol.* 7(1):1-13. 1980. SFA 25(3)

71-005092 Hopkins, C. D. and Heiligenberg, W. F. EVOLUTIONARY DESIGNS FOR ELECTRIC SIGNALS AND ELECTRORECEPTORS IN GYMNOTOID FISHES OF SURINAM. *Behav. Ecol. Sociobiol.* 3 (2): 113-134. 3 Apr. 1978. SFA 23(3)

71-005093 Hopkins, C. D. PATTERNS OF ELECTRICAL COMMUNICATION AMONG GYMNOTID FISH. *Ph.D. dissertation, The Rockerfeller Univ.* 200p. 1972. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-005094 Horner, K.; O. Sand and P. S. Enger. BINAURAL INTERACTION IN THE COD. *J. Exp. Biol.* 85:323-331. Apr. 1980. SFA 25(3)

71-005095 Hosmer, M. J.; Stanley, J. G. and Hatch, R. W. EFFECT OF HATCHERY PROCEDURES ON LATER RETURN OF ATLANTIC SALMON TO RIVERS IN MAINE. *Prog. Fish-Cult.* 41(3):115-119. July 1979. SFA 25(1)

71-005096 Hubert, W. A. SOME PHYSICAL ELEMENTS OF ADULT SMALLMOUTH BASS HABITAT IN A TENNESSEE RIVER MAINSTREAM RESERVOIR AS DETERMINED BY ULTRASONIC TELEMETRY. *Ph.D. dissertation, Va. Polytech. Inst. State Univ.* 120p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):1978. Nov. 1979. SFA 25(1)

71-005097 Hubert, W. A. and R. T. Lackey. HABITAT OF ADULT SMALLMOUTH BASS IN A TENNESSEE RIVER RESERVOIR. *Trans. Am. Fish. Soc.* 109(4):364-370. July. 1980. SFA 25(4)

71-005098 Huntingford, F. A. A COMPARISON OF THE REACTION OF STICKLEBACKS IN DIFFERENT REPRODUCTIVE CONDITIONS TOWARDS CONSPECIFICS AND PREDATORS. *Anim. Behav.* 24 (3): 694-697. Aug. 1976. SFA 21(4)

71-005099 Huntingford, F. A. THE RELATIONSHIP BETWEEN ANTI-PREDATOR BEHAVIOUR AND AGGRESSION AMONG CONSPECIFICS IN THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/. *Anim. Behav.* 1976 (2): 245-260. May 1976. SFA 21(2).

71-005100 Huntingford, F. A. AN INVESTIGATION OF THE TERRITORIAL BEHAVIOUR OF THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/) USING PRINCIPAL COMPONENTS ANALYSIS. *Anim. Behav.* 24 (4): 822-834. Nov. 1976. SFA 22(3)

71-005101 Huntingford, F. A. INTER- AND INTRASPECIFIC AGGRESSION IN MALE STICKLEBACKS. *Copeia* 1977 (1): 158-159. 16 Mar. 1977. SFA 22(3)

71-005102 Imabayashi, H. [SETTLING MECHANISM OF LARVAE OF BASTARD HALIBUT, *PARALICHTHYS OLIVACEUS*, IN THE NURSERY GROUND, ESTIMATED FROM THE SIZE DISTRIBUTION.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):419-426. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-005103 Ina, K.; Ryohgi, Y. and Higashi, K. [COLOR SENSITIVITY OF SEA BREAM (/CHRYSOPHRYS MAJOR/).] *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 1-5. Jan. 1979. In Japanese with English summ. SFA 24(3)

71-005104 Inoue, M.; T. Arimoto and I. Kono. [DEGREE OF DISPERSION OF THE *ZACO TEMMINCKI* SCHOOL TO WATER QUALITY IN A STREAMING WATER TROUGH.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1485-1490. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-005105 Itzkowitz, M. GROUP ORGANIZATION OF A TERRITORIAL DAMSELFISH, /EUPOMACENTRUS PLANIFRONS/. *Behaviour* 65(1,2):125-137. 1978. In English with Spanish summ. SFA 23(4)

71-005106 Itzkowitz, M. ON THE ORGANIZATION OF COURTSHIP SEQUENCES IN FISHES. *J. Theor. Biol.* 78 (1): 21-28. 7 May 1979. SFA 24(4)

71-005107 Itzkowitz, M. SOCIAL DYNAMICS OF MIXED-SPECIES GROUPS OF JAMAICAN REEF FISHES. *Behav. Ecol. Sociobiol.* 2(4):361-384. 1977. SFA 23(2)

71-005108 Itzkowitz, M. SPATIAL ORGANIZATION OF THE JAMAICAN DAMSELFISH COMMUNITY. *J. Exp. Mar. Biol. Ecol.* 28 (3): 217-241. Aug. 1977. SFA 23(1)

71-005109 Itzkowitz, M. THE FEEDING STRATEGIES OF A FACULTATIVE CLEANERFISH, /THALASSOMA BIFASCIATUM/ (PISCES: LABRIDAE). *J. Zool. (Lond.)* 187 (3): 403-413. Mar. 1979. SFA 24(3)

71-005110 Iwasaki, Y. [A STUDY ON THE BODY SIZE COMPOSITION OF YELLOWFIN TUNA AND SKIPJACK SHOALS CAUGHT BY PURSE SEINES.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):19-25. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-005111 Jafri, A. K.; Mustafa, S. and Ahmad, I. SIZE-HIERARCHY IN A YEAR-CLASS AND "CONDITION" OF COMMON MINNOW /ESOMUS DANRICUS/ (HAM.) IN RELATION TO VARIOUS ECOLOGICAL FACTORS OPERATING IN THE POND ENVIRONMENT. *Zool. J. Linn. Soc.* 64 (2): 107-110. Oct. 1978. SFA 24(2)

71-005112 Jahn, L. A. RESPONSES TO ODORS BY FINGERLING CUTTHROAT TROUT FROM YELLOWSTONE LAKE. *Prog. Fish-Cult.* 38(4):207-210. Oct. 1976. SFA 21(4).

71-005113 Jakobsson, S.; Radesater, T. and Jarvi, T. ON THE FIGHTING BEHAVIOUR OF /NANNACARA ANOMALA/ (PISCES, CICHLIDAE) MALES. *J. Comp. Ethol.* 49 (2): 210-220. Feb. 1979. SFA 24(3)

71-005114 Janzow, F. T. THE SENSORY BASIS OF SOCIAL BEHAVIOR IN THE LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *Ph.D. dissertation, Okla. State Univ.* 132p. 1978. From Diss. Abstr. Int. B Sci. Eng. 40(4):1579. Oct. 1979. SFA 25(1)

71-005115 Jearld, A., Jr. AN ETHOLOGICAL STUDY OF THE HONEY GOURAMI, /COLISA CHUNA/, AND ITS CONGENERS. *Ph.D. dissertation, Okla. State Univ.* 124 p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-005116 Johansen, P. H. and J. A. Cross. EFFECTS OF SEXUAL MATURATION AND SEX STEROID HORMONE TREATMENT ON THE TEMPERATURE PREFERENCE OF THE GUPPY, *POECILIA RETICULATA* (PETERS). *Can. J. Zool.* 58(4):586-588. Apr. 1980. In English with French summ. SFA 25(3)

71-005117 Johnsen, P. B. CONTRIBUTIONS ON THE MOVEMENTS OF FISH: I. BEHAVIORAL MECHANISMS OF UPSTREAM MIGRATION AND HOMESTREAM SELECTION IN COHO SALMON (/ONCORHYNCHUS KISUTCH/). II. WINTER AGGREGATIONS OF CARP (/CYPRINUS CARPIO/) AS REVEALED BY ULTRASONIC TRACKING. *Ph.D. dissertation, Univ. Wis.* 134p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(10):4769. Apr. 1979. SFA 24(3)

71-005118 Jorgensen, J. M. and Munk, O. PHOTOPHORES AND PRESUMABLY LUMINOUS CHIN BARBEL AND PECTORAL FIN RAY FILAMENTS OF /THYSANACTIS DENTEX/ (PISCES: STOMIATOIDEA). *Acta Zool. (Stockh.)* 60 (1): 33-42. 1979. SFA 24(4)

71-005119 Kabayama, A.; G. Kawamura and T. Yonemori. THE AXIS OF HORIZONTAL EYE ROTATION OF FISH. *Bull. Jpn. Soc. Sci. Fish.* 45(12):1481-1483. Dec. 1979. SFA 25(2)

71-005120 Kaku, T.; M. Tsumagari; S. Kiyohara and S. Yamashita. GUSTATORY RESPONSES IN THE MINNOW, *PSEUDORASBORA PARVA*. *Physiol. Behav.* 25(1):99-105. July 1980. SFA 25(4)

71-005121 Kanamoto, Z. [ON THE ECOLOGY OF HEXAGRAMMID FISH. IV. MODE OF THE DISTRIBUTION OF /AGRAMMUS AGRAMMUS/ (TEMMINCK ET SCHLEGEL) AND /HEXAGRAMMOS OTAKII/ JORDAN ET STARKS AND COMPOSITION, ABUNDANCE AND FOOD ITEMS OF REEF FISH AROUND THE SERVERAL REEFS.] *Jpn. J. Ecol.* 29(2):171-183. June 1979. In Japanese with English summ. SFA 25(1)

71-005122 Karplus, I.; Szlep, R.; Algom, D. and Tsurnamal, M. FILM ANALYSIS OF THE TACTILE COMMUNICATION BETWEEN /CRYPTOCENTRUS STEINITZI/ (PISCES, GOBIIDAE) AND /ALPHEUS PURPURILENTICULARIS/ (CRUSTACEA, ALPHEIDAE). *J. Comp. Ethol.* 49(4):337-351. Apr. 1979. In English with German summ. SFA 25(1)

71-005123 Kashin, S. M.; Feldman, A. G. and Orlovsky, G. N. DIFFERENT MODES OF SWIMMING OF THE CARP, /CYPRINUS CARPIO/ L. *J. Fish Biol.* 14 (4): 403-405. Apr. 1979. SFA 24(3)

71-005124 Katz, H. M. CIRCADIAN RHYTHMS IN JUVENILE AMERICAN SHAD, /ALOSA SAPIDISSIMA/. *J. Fish Biol.* 12 (6): 609-614. June 1978. SFA 23(4)

71-005125 Kavaliers, M. CIRCADIAN LOCOMOTOR ACTIVITY RHYTHMS OF THE BURBOT, *LOTA LOTA*: SEASONAL DIFFERENCES IN PERIOD LENGTH AND THE EFFECT OF PINEALECTOMY. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 136(3):215-218. 1980. SFA 25(3)

71-005126 Kavaliers, M. CIRCADIAN ACTIVITY OF THE WHITE SUCKER, *CATOSTOMUS COMMERSONI*: COMPARISON OF INDIVIDUAL AND SHOALING FISH. *Can. J. Zool.* 58(8):1399-1403. Aug. 1980. In English with French summ. SFA 25(4)

71-005127 Kavaliers, M. CIRCADIAN RHYTHM IN THE EFFECT OF THEOPHYLLINE ON THE BEHAVIORAL THERMOREGULATION OF THE WHITE SUCKER, *CATOSTOMUS COMMERSONI*. *Pharmacol. Biochem. Behav.* 12(6):843-845. June 1980. SFA 25(4)

71-005128 Kavaliers, M. SOCIAL GROUPINGS AND CIRCADIAN ACTIVITY OF THE KILLIFISH, *FUNDULUS HETEROCLITUS*. *Biol. Bull. (Woods Hole)* 158(1):69-76. Feb. 1980. SFA 25(2)

71-005129 Kavaliers, M. SEASONAL CHANGES IN THE CIRCADIAN PERIOD OF THE LAKE CHUB, /COUESIUS PLUMBEUS/. *Can. J. Zool.* 56 (12): 2591-2596. Dec. 1978. In English with French summ. SFA 24(2)

71-005130 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, /PNEUMATOPHORUS TAPEINOCEPHALUS/ (BLEEKER), TO ANGLING TECHNIQUES--II. SPECTRAL SENSITIVITY AND COLOR VISION.] *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 549-551. May 1979. In Japanese with English summ. SFA 24(4)

71-005131 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, /PNEUMATOPHORUS TAPEINOCEPHLUS/ (BLEEKER), TO ANGLING TECHNIQUES--III. RETINOMOTOR RESPONSE.] *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 553-555. May 1979. In Japanese with English Summ. SFA 24(4)

71-005132 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, *PNEUMATOPHORUS TAPEINOCEPHALUS* (BLEEKER), TO ANGLING TECHNIQUES--V. DISCUSSION ON THE LIGHT INTENSITY OF FISH LAMP]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1237-1240. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-005133 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, *PNEUMATOPHORUS TAPEINOCEPHALUS* (BLEEKER), TO ANGLING TECHNIQUES--VI. MOVEMENT OF FISH SCHOOL ATTRACTED TO FISH LAMP ESTIMATED FROM THE TIME SERIES OF CATCH]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1241-1247. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-005134 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, /PNEUMATOPHORUS TAPEINOCEPHALUS/ (BLEEKER), TO ANGLING TECHNIQUES--I. IMPORTANCE OF VISION ESTIMATED FROM BRAIN PATTERN, VISUAL ACUITY OF RETINA, AND ACCOMMODATION.] *Bull. Jpn. Soc. Sci. Fish.* 45(3):281-286. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-005135 Kawamura, G. and A. Kabayama. HORIZONTAL COMPENSATORY EYE MOVEMENTS IN SWIMMING FISHES. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1359-1364. Nov. 1979. SFA 25(2)

71-005136 Kawamura, G.; Kabayama, A. and Yonemori, T. HORIZONTAL COMPENSATORY EYE MOVEMENTS IN CRUCIAN CARP /CARASSIUS AURATUS LANGSDORFI/ SWIMMING AT RELATIVELY HIGH SPEED. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 567-570. June 1978. SFA 23(4)

71-005137 Kawanabe, H. RELIC SOCIAL STRUCTURE HYPOTHESIS ON THE TERRITORIALITY OF AYU, /PLECOGLOSSUS ALTIVELIS/ (PISCES: OSMERIDAE). *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 53 (2): 74-77. May 1977. SFA 23(3)

71-005138 Kelso, J. R. M. DIEL RHYTHM IN ACTIVITY OF WALLEYE, /STIZOSTEDION VITREUM VITREUM/. *J. Fish Biol.* 12 (6): 593-599. June 1978. SFA 23(4)

71-005139 Kerebel, L.-M. and M.-T. Le Cabellec. ENAMELOID IN THE TELEOST FISH *LOPHIUS*. *Cell Tissue Res.* 206(2):211-223. Mar. 1980. In English with French summ. SFA 25(3)

71-005140 Kerr, S. R. and E. E. Werner. NICHE THEORY IN FISHERIES ECOLOGY. *Trans. Am. Fish. Soc.* 109(2):254-260. Mar. 1980. SFA 25(2)

71-005141 Kingston, D. I. EYE-COLOR CHANGES DURING AGGRESSIVE DISPLAYS IN THE GOODEID FISHES. *Copeia* 1980(1):169-171. 1 Feb. 1980. SFA 25(2)

71-005142 Klauda, R. J. USE OF SPACE AND TIME BY WILD, ADULT SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/) IN A SEMI-NATURAL STREAM HABITAT. *Ph. D. dissertation, Pa. State Univ.* 184p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 22(2)

71-005143 Klein, R. M.; Figler, M. H. and Peeke, H. V. S. MODIFICATION OF CONSUMMATOR (ATTACK) BEHAVIOR RESULTING FROM PRIOR HABITUATION OF APPETITIVE (THREAT) COMPONENTS OF THE AGONISTIC SEQUENCE IN MALE /BETTA SPLENDENS/ (PISCES, BELONTIIDAE). *Behaviour* 53 (1-2): 1-25. 1976. In English with German summ. SFA 21(4).

71-005144 Knudtson, B. K. and Stimers, J. R. NOTES ON THE BEHAVIOR OF ELASMOBRANCH FISHES EXPOSED TO MAGNETIC FIELDS. *Bull. South. Calif. Acad. Sci.* 76 (1): 202-204. Oct. 1977. SFA 23(2)

71-005145 Kodric-Brown, A. ESTABLISHMENT AND DEFENCE OF BREEDING TERRITORIES IN A PUPFISH (CYPRINODONTIDAE: /CYPRINODON/). *Anim. Behav.* 26 (3): 818-834. Aug. 1978. SFA 24(1)

71-005146 Konagaya, T. [JUMPING RESPONSE OF AYU TO SOUND.] *Bull. Jpn. Soc. Sci. Fish.* 46(1):31-34. Jan. 1980. In Japanese with English summ. SFA 25(2)

71-005147 Konagaya, T. [RESPONSE OF FISH TO LOW-FREQUENCY SOUND.] *Bull. Jpn. Soc. Sci. Fish.* 46(2):125-128. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-005148 Konagaya, T. [THE SOUND FIELD OF LAKE BIWA AND THE EFFECTS OF THE CONSTRUCTING SOUND ON THE BEHAVIOR OF THE FISH.] *Bull. Jpn. Soc. Sci. Fish.* 46(2):129-132. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-005149 Konstantinova, N. G.; I. D. Nikol'skii and L. S. Termen. ACOUSTIC AND ELECTRIC ACTIVITY OF *TILAPIA MOSSAMBICA* (CICHLIDAE, PISCES). *Moscow Univ. Biol. Sci. Bull.* 34(2):32-36. 1979. SFA 25(4)

71-005150 Kramer, B. FLIGHT-ASSOCIATED DISCHARGE PATTERN IN A WEAKLY ELECTRIC FISH, /GNATHONEMUS PETERSII (MORMYRIDAE, TELEOSTEI). *Behaviour* 59 (1-2): 88-95. 1976. In English with French summ. SFA 21(4)

71-005151 Kramer, B. SPONTANEOUS DISCHARGE RHYTHMS AND SOCIAL SIGNALLING IN THE WEAKLY ELECTRIC FISH /POLLIMYRUS ISIDORI/ (CUVIER ET VALENCIENNES) (MORMYRIDAE, TELEOSTEI) *Behav. Ecol. Sociobiol.* 4 (1): 61-74. 1978. SFA 24(2)

71-005152 Krassenstein, R. C. HABITAT SELECTIVITY OF TROUT-PERCH LARVAE IN THE CONNEAUT HARBOR AREA OF LAKE ERIE. *Ohio J. Sci.* 80:13. 1980. Abstract only. SFA 25(2)

71-005153 Kratochvil, H. GESCHLECHTSDIMORPHISMUS BEIM LAUTAPPARAT DES KNURRENDEN ZWERGGURAMI *TRICHOPSIS PUMILUS* ARNOLD (ANABANTIDAE, TELEOSTEI). [SEXUAL DIMORPHISM OF THE SOUND PRODUCING ORGAN IN THE PYGMY GOURAMI (*TRICHOPSIS PUMILUS* ARNOLD) (ANABANTIDAE, BELONTIIDAE).] *Zoomorphologie* 94(2):203-208. 1980. In German with English summ. SFA 25(2)

71-005154 Kratochvil, H. DER BAU DES LAUTAPPARATES VOM KNURRENDEN GURAMI (/TRICHOPSIS VITTATUS/ CUVIER & VALENCIENNES) (ANABANTIDAE, BELONTIIDAE). [STRUCTURE OF THE SOUND PRODUCING ORGAN OF THE CROAKING GOURAMI (/TRICHOPSIS VITTATUS/ CUVIER & VALENCIENNES) (ANABANTIDAE, BELONTIIDAE).] *Zoomorphologie* 91 (1): 91-99. 1978. In German with English summ. SFA 24(1)

71-005155 Kratt, L. F. and Smith, R. J. F. AGONISTIC BEHAVIOUR OF AGE 0, AGE 1 AND NON-BREEDING ADULT ARCTIC GRAYLING /THYMALLUS ARCTICUS/ (PALLAS). *J. Fish Biol.* 15(4):389-404. Oct. 1979. SFA 25(1)

71-005156 Kratt, L. F. and Smith, R. J. F. A POST-HATCHING SUB-GRAVEL STAGE IN THE LIFE HISTORY OF THE ARCTIC GRAYLING, /THYMALLUS ARCTICUS/. *Trans. Am. Fish. Soc.* 106 (3): 241-243. May 1977. SFA 22(4)

71-005157 Krivtsov, Yu. M. and Protasov, V. R. THE EFFECT OF LASER BEAMS ON THE BEHAVIOR OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 449-451. 1974. SFA 21(2).

71-005158 Kunze, J. S. THE FUNCTION OF ELECTRIC DISCHARGE IN COMMUNICATION IN THE WEAKLY ELECTRIC FISH /GNATHONEMOUS PETERSII/. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 122p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):115. July 1978. SFA 23(4)

71-005159 Kuroki, T.; Sakamoto, W.; Aoki, I. and Inagaki, T. [ANALYSIS OF SCHOOLING OF FISH.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:47-57. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-005160 Kwain, W. and McCauley, R. W. EFFECTS OF AGE AND OVERHEAD ILLUMINATION ON TEMPERATURES PREFERRED BY UNDERYEARLING RAINBOW TROUT, /SALMO GAIRDNERI/, IN A VERTICAL TEMPERATURE GRADIENT. *J. Fish. Res. Board Can.* 35 (11): 1430-1433. Nov. 1978. In English with French summ. SFA 24(1)

71-005161 Lahaye, J.; Quiniou, L. and Deniel, C. DISPOSITIF EXPERIMENTAL PERMETTANT DE SOUMETTRE DE JEUNES POISSONS PLATS A DES PHOTOPERIODES VARIABLES. [EXPERIMENTAL APPARATUS ALLOWING THE SUBJECTION OF YOUNG FLAT FISH TO VARIABLE PHOTOPERIODS.] *Aquaculture* 14 (2): 179-183. June 1978. In French with English summ. SFA 23(4)

71-005162 Laming, P. R. and G. E. Savage. PHYSIOLOGICAL CHANGES OBSERVED IN THE GOLDFISH (*CARASSIUS AURATUS*) DURING BEHAVIORAL AROUSAL AND FRIGHT. *Behav. Neural Biol.* 29(2):255-275. June 1980. SFA 25(3)

71-005163 Lanzing, W. J. R. REASSESSMENT OF CHROMATOPHORE PATTERN REGULATION IN TWO SPECIES OF FLATFISH (/SCOPHTHALMUS MAXIMUS/; /PLEURONECTES PLATESSA/). *Neth. J. Sea Res.* 11 (2): 213-222. Nov. 1977. SFA 23(3)

71-005164 Lapkins, V. V.; A. M. Svirski and Yu. N. Sopov. SELECTED AND ACCLIMATION TEMPERATURES IN FISHES. *Zool. Zh.* 58(11):1659-1670. Nov. 1979. In Russian with English summ. SFA 25(2)

71-005165 Larson, R. J. HABITAT SELECTION AND TERRITORIAL COMPETITION AS THE CAUSES OF BATHYMETRIC SEGREGATION OF SIBLING ROCKFISHES (/SEBASTES/). *Ph.D. dissertation, Univ. Calif. (Santa Barbara)* 180p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5168 May 1978. SFA 23(3)

71-005166 Laudien, H. LANGZEITGEDAECHTNIS UND PROTEINBIOSYNTHESE. VERSUCHE MIT GOLDFISCHEN (/CARASSIUS AURATUS AURATUS/ L.). [LONGTERM-MEMORY AND PROTEINBIOSYNTHESIS. EXPERIMENTS WITH GOLDFISH (/CARASSIUS AURATUS AURATUS/ L.).] *Zool. Anz.* 199 (1/2): 19-28. 1977. In German with English summ. SFA 23(2)

71-005167 Laughlin, D. R. RESOURCE AND HABITAT USE PATTERNS IN TWO COEXISTING SUNFISH SPECIES (*LEPOMIS GIBBOSUS* AND *LEPOMIS MEGALOTIS PELTASTES*). *Ph.D. dissertation, Mich. State Univ.* 102p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(7):3041. Jan. 1980. SFA 25(2)

71-005168 Lefebvre, L. and Sabourin, M. EFFECTS OF SPACED AND MASSED REPEATED ELICITATION ON TONIC IMMOBILITY IN THE GOLDFISH (/CARASSIUS AURATUS/). *Behav. Biol.* 21 (2): 300-305. Oct. 1977. SFA 23(1)

71-005169 Lewis, D. B. STUDIES OF THE BIOLOGY OF THE LESSER WEEVER FISH /TRACHINUS VIPERA/ CUVIER. I. ADAPTATIONS TO A BENTHIC HABIT. *J. Fish Biol.* 8 (2): 127-138. Feb. 1976. SFA 22(1)

71-005170 Little, E. E. CONDITIONED AVERSION TO AMINO ACID FLAVORS IN THE CATFISH, /ICTALURUS PUNCTATUS/. *Physiol. Behav.* 19(6):743-747. Dec. 1977. SFA 23(2)

71-005171 Losey, G. S., Jr. /MEIACANTHUS ATRODORSALIS/: FIELD EVIDENCE OF PREDATION PROTECTION. *Copeia* 1975(3):574-576. 5 Aug. 1975. SFA 21(1).

71-005172 Losey, G. S., Jr. THE SIGNIFICANCE OF COLORATION IN FISHES OF THE GENUS /HYPSOBLENNIUS/ GILL. *Bull. South. Calif. Acad. Sci.* 75(2):183-198. Aug. 1976. SFA 22(2)

71-005173 Loyacano, H. A., Jr.; Chappell, J. A. and Gauthreaux, S. A. SUN-COMPASS ORIENTATION IN JUVENILE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/. *Trans. Am. Fish. Soc.* 106 (1): 77-79. Jan. 1977. SFA 22(3)

71-005174 Luckhurst, B. E. and Luckhurst, K. NOCTURNAL OBSERVATIONS OF CORAL REEF FISHES ALONG DEPTH GRADIENTS. *Can. J. Zool.* 56 (2): 155-158. Feb. 1978. In English with French summ. SFA 23(3)

71-005175 Luckhurst, B. E. and Luckhurst, K. SOME INFAUNAL FISHES ASSOCIATED WITH THE SCLERACTINIAN CORAL /MADRACIS MIRABILIS/. *Can. J. Zool.* 54(8):1395-1397. Aug. 1976. In English with French summ. SFA 21(4)

71-005176 Luckner, C. L. MORPHOLOGICAL AND BEHAVIORAL POLYMORPHISM IN *POECILIA LATIPINNA* MALES (PISCES: POECILIIDAE). *Ph.D. dissertation, La. State Univ. Agric. Mech. Coll.* 88p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5572. June 1980. SFA 25(3)

71-005177 Luoma, M. E. and J. H. Gee. SEASONAL FACTORS AFFECTING BUOYANCY ATTAINED IN STILL WATER AND CURRENT BY FATHEAD MINNOWS, *PIMEPHALES PROMELAS*. *Can. J. Fish. Aquatic Sci.* 37(4):670-678. Apr. 1980. SFA 25(2)

71-005178 MacCrimmon, H. R. and Hawkins, C. M. ROLE OF REARING EXPERIENCE IN GRAVEL SUBSTRATE SELECTION BY JUVENILE RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 33(2):282-284. Feb. 1976. In English with French summ. SFa 21(1).

71-005179 Madsen, L. SOCIAL SPACING IN NORTHERN GULF KILLIFISHES. *Proc. La. Acad. Sci.* 42:82. 1979. Abstract only. SFA 25(2)

71-005180 Major, P. F. PREDATOR-PREY INTERACTIONS IN SCHOOLING FISHES DURING PERIODS OF TWILIGHT: A STUDY OF THE SILVERSIDE /PRANESUS INSULARUM/ IN HAWAII. *NOAA Fish. Bull.* 75 (2): 415-426. Apr. 1977. SFA 22(3)

71-005181 Malmqvist, B. HABITAT SELECTION OF LARVAL BROOK LAMPREYS (*LAMPETRA PLANERI*, BLOCH) IN A SOUTH SWEDISH STREAM. *Oecologia (Berl.)* 45(1):35-38. 1980. SFA 25(3)

71-005182 Mansuri, A. P. EFFECTIVE MUSCLE FORCE: A CONTRIBUTORY FACTOR IN DETERMINING FUNCTIONAL ABILITY OF PECTORAL, PELVIC AND CAUDAL FINS OF A FISH, /TILAPIA MOSSAMBICA/. *J. Anim. Morphol. Physiol.* 23 (1,2): 32-39. June-Dec. 1976. SFA 22(3)

71-005183 Mapstone, G. M. and Wood, E. M. THE ETHOLOGY OF /ABUDEFDUF LURIDUS/ AND /CHROMIS CHROMIS/ (PISCES: POMACENTRIDAE) FROM THE AZORES. *J. Zool. (Lond.)* 175(2):179-199. Feb. 1975. SFA 22(2)

71-005184 Marliave, J. B. SURVIVAL THROUGH METAMORPHOSIS OF PACIFIC HERRING PREVENTED FROM SCHOOLING. *Trans. Am. Fish. Soc.* 109(3):327-328. May 1980. SFA 25(4)

71-005185 Marliave, J. B. THE BEHAVIORAL TRANSFORMATION FROM THE PLANKTONIC LARVAL STAGE OF SOME MARINE FISHES REARED IN THE LABORATORY. *Ph. D. dissertation, Univ. British Columbia* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-005186 Marliave, J. B. SUBSTRATUM PREFERENCES OF SETTLING LARVAE OF MARINE FISHES REARED IN THE LABORATORY. *J. Exp. Mar. Biol. Ecol.* 27 (1): 47-60. Apr. 1977. SFA 22(3)

71-005187 Marshall, J. A. SOUND PRODUCTION BY FRESHWATER FISHES--A BIBLIOGRAPHY. *Proc. W. Va. Acad. Sci.* 48 (1): 59-67. 1976. SFA 21(2).

71-005188 Marshall, M. L. and Jahn, L. A. HOMING OF GREEN SUNFISH (/LEPOMIS CYANELLUS/) IN A WEST-CENTRAL ILLINOIS STREAM. *Trans. Ill. State Acad. Sci.* 70 (3/4): 323-331. 1977. SFA 24(2)

71-005189 Martin, R. G. SEXUAL AND AGGRESSIVE BEHAVIOR, DENSITY AND SOCIAL STRUCTURE IN A NATURAL POPULATION OF MOSQUITOFISH, /GAMBUSIA AFFINIS HOLBROOKI/. *Copeia* 1975(3):445-454. 5 Aug. 1975. SFA 21(1).

71-005190 Martin, R. G. THE SOCIAL BEHAVIOR OF THE MOSQUITOFISH, /GAMBUSIA AFFINIS HOLBROOK/ (GIRARD), IN THE FIELD AND LABORATORY. *Ph.D. dissertation, Fla. State Univ.* 174p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-005191 Marusov, Ye. A. FRIGHT REACTION IN THE PREDATORY CYPRINID /OPSARIICHTHYS UNCIROSTRIS AMURENSIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 685-688. 1976. SFA 23(1)

71-005192 Mason, J. C. SOME FEATURES OF COHO SALMON, /ONCORRYHNCHUS KISUTCH/, FRY EMERGING FROM SIMULATED REDDS AND CONCURRENT CHANGES IN PHOTOBEHAVIOR. *NOAA Fish. Bull.* 74(1):167-175. Jan. 1976. SFA 21(1).

71-005193 Mathur, D. and C. A. Silver. STATISTICAL PROBLEMS IN STUDIES OF TEMPERATURE PREFERENCE OF FISHES. *Can. J. Fish. Aquatic Sci.* 37(4):733-737. Apr. 1980. SFA 25(2)

71-005194 Matsubara, J. and Heiligenberg, W. HOW WELL DO ELECTRIC FISH ELECTROLOCATE UNDER JAMMING? *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 125 (4): 285-290. 1978. SFA 23(4)

71-005195 Matthews, W. J. and Hill, L. G. AGE-SPECIFIC DIFFERENCES IN THE DISTRIBUTION OF RED SHINERS, /NOTROPIS LUTRENSIS/, OVER PHYSICOCHEMICAL RANGES. *Am. Midl. Nat.* 101 (2): 366-372. Apr. 1979. SFA 24(4)

71-005196 Matthews, W. J. and L. G. Hill. HABITAT PARTITIONING IN THE FISH COMMUNITY OF A SOUTHWESTERN RIVER. *Southwest. Nat.* 25(1):51-66. 30 Jan. 1980. SFA 25(2)

71-005197 Matthews, W. J. INFLUENCE OF PHYSICO-CHEMICAL FACTORS ON HABITAT SELECTION BY RED SHINERS, /NOTROPIS LUTRENSIS/ (PISCES: CYPRINIDAE). *Ph.D. dissertation, Univ. Okla.* 106p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4042. Mar. 1978. SFA 23(3)

71-005198 Matthews, W. J. and Hill, L. G. INFLUENCE OF PHYSICO-CHEMICAL FACTORS ON HABITAT SELECTION BY RED SHINERS, /NOTROPIS LUTRENSIS/ (PISCES: CYPRINIDAE). *Copeia* 1979 (1): 70-81. 20 Feb. 1979. SFA 24(2)

71-005199 Maughan, O. E. and Saul, G. E. DISTRIBUTION OF SCULPINS IN THE CLEARWATER RIVER BASIN, IDAHO. *Great Basin Nat.* 39 (1): 59-62. 31 Mar. 1979. SFA 24(4)

71-005200 Maynard, P. R. ORIENTATION AND LOCOMOTOR BEHAVIOR OF TWO SPECIES OF SHARK IN RESPONSE TO DIFFERING LEVELS OF WATER FLOW. *Ph. D. dissertation, Texas A&M Univ.* 90p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-005201 McCauley, R. W.; Reynolds, W. W. and Huggins, N. H. PHOTOKINESIS AND BEHAVIORAL THERMOREGULATION IN ADULT SEA LAMPREYS (/PETROMYZON MARINUS/). *J. Exp. Zool.* 202 (3): 431-437. Dec. 1977. SFA 23(2)

71-005202 McCauley, R. W. and Huggins, N. W. ONTOGENETIC AND NON-THERMAL SEASONAL EFFECTS ON THERMAL PREFERENDA OF FISH. *Am. Zool.* 19 (1): 267-271. 1979. SFA 24(3)

71-005203 McCauley, R. W.; Elliott, J. R. and Read, L. A. A. INFLUENCE OF ACCLIMATION TEMPERATURE ON PREFERRED TEMPERATURE IN THE RAINBOW TROUT /SALMO GAIRDNERI/. *Trans. Am. Fish. Soc.* 106 (4): 362-365. July 1977. SFA 22(4)

71-005204 McCauley, R. W. LABORATORY METHODS FOR DETERMING TEMPERATURE PREFERENCE. *J. Fish. Res. Board Can.* 34(5):749-752. May 1977. In English with French summ. SFA 22(3)

71-005205 McCleave, J. D. SWIMMING PERFORMANCE OF EUROPEAN EEL (*ANGUILLA ANGUILLA* (L.)) ELVERS. *J. Fish Biol.* 16(4):445-452. SFA 25(3)

71-005206 McCosker, J. E. FRIGHT POSTURE OF THE PLESIOPID FISH /CALLOPLESIOPS ALTIVELIS/: AN EXAMPLE OF BATESIAN MIMICRY. *Science* 197 (4301): 400-401. 22 July 1977. SFA 22(4)

71-005207 McElman, J. F. and E. K. Balon. EARLY ONTOGENY OF WHITE SUCKER, *CATOSTOMUS COMMERSONI*, WITH STEPS OF SALTATORY DEVELOPMENT. *Environ. Biol. Fishes* 5(3):191-224. 29 Sept. 1980. SFA 25(4)

71-005208 McKaye, K. R. and McKaye, N. M. COMMUNAL CARE AND KIDNAPPING OF YOUNG BY PARENTAL CICHLIDS. *Evolution* 31 (3): 674-681. Sept. 1977. SFA 23(2)

71-005209 McKaye, K. R. and Barlow, G. W. CHEMICAL RECOGNITION OF YOUNG BY THE MIDAS CICHLID, /CICHLASOMA CITRINELLUM/. *Copeia* 1976 (2): 276-282. May 1976. SFA 21(2).

71-005210 McKaye, K. R. DEFENSE OF A PREDATOR'S YOUNG BY A HERBIVOROUS FISH: AN UNUSUAL STRATEGY. *Am. Nat.* 111 (978): 301-315. Mar.-Apr. 1977. SFA 22(3)

71-005211 McKaye, K. R. SEASONALITY IN HABITAT SELECTION BY THE GOLD COLOR MORPH OF *CICHLASOMA CITRINELLUM* AND ITS RELEVANCE TO SYMPATRIC SPECIATION IN THE FAMILY CICHLIDAE. *Environ. Biol. Fishes* 5(1):75-78. 30 Jan. 1980. SFA 25(3)

71-005212 McKaye, K. R. SOME ASPECTS OF THE BEHAVIOR AND ECOLOGY OF THE CICHLID FISHES OF LAKE JILOA, NICARAGUA. *Ph. D. dissertation, Univ. Calif. (Berkeley)* 144p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-005213 McKaye, K. R.; Weiland, D. J. and Lim, T. M. COMMENTS ON THE BREEDING BIOLOGY OF /GOBIOMORUS DORMITOR/ (OSTEICHTHYES: ELEOTRIDAE) AND THE ADVANTAGE OF SCHOOLING BEHAVIOR TO ITS FRY. *Copeia* 1979 (3): 542-544. 1 Aug. 1979. SFA 24(4)

71-005214 McMahon, T. E. and Tash, J. C. THE USE OF CHEMOSENSES BY THREADFIN SHAD, /DOROSOMA PETENENSE/ TO DETECT CONSPECIFICS, PREDATORS AND FOOD. *J. Fish Biol.* 14 (3): 289-296. Mar. 1979. SFA 24(3)

71-005215 McNeish, J. D. and Hatch, R. W. STAMINA TUNNEL TESTS ON HATCHERY-REARED ATLANTIC SALMON. *Prog. Fish-Cult.* 40 (3): 116-117. July 1978. SFA 24(1)

71-005216 McPhail, J. D. SONS AND LOVERS: THE FUNCTIONAL SIGNIFICANCE OF SEXUAL DICHROMISM IN A FISH, /NEOHETERANDRIA TRIDENTIGER/ (GARMAN). *Behaviour* 64 (3,4): 329-339. 1978. In English with German summ. SFA 23(4)

71-005217 Medrick, P. A. TEMPERATURE SELECTION AND GROWTH OF THREE HAWAIIAN REEF FISHES AND THEIR DISTRIBUTIONS IN AREA OF HEATED EFFLUENT. *Ph.D. dissertation, Univ. Hawaii* 149p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-005218 Meliska, C. J.; J. A. Meliska and H. V. S. Peeke. THREAT DISPLAYS AND COMBAT AGGRESSION IN *BETTA SPLENDENS* FOLLOWING VISUAL EXPOSURE TO CONSPECIFICS AND ONE-WAY MIRRORS. *Behav. Neural Biol.* 28(4):473-486. Apr. 1980. SFA 25(3)

71-005219 Melisky, E. L.; J. R. Stauffer, Jr. and C. H. Hocutt. TEMPERATURE PREFERENCE OF BANDED KILLIFISH, *FUNDULUS DIAPHANUS*, FROM SOUTHWESTERN PENNSYLVANIA. *Copeia* 1980(2):346-349. 1 May 1980. SFA 25(3)

71-005220 Melisky, E. L.; Stauffer, J. R., Jr.; Cincotta, D. A. and Hocutt, C. H. MODIFICATIONS OF TEMPERATURE AVOIDANCE TROUGHS FOR TESTING SMALL FISHES. *Prog. Fish-Cult.* 41 (1): 44-45. Jan. 1979. SFA 24(2)

71-005221 Meyer, D. L.; Becker, R. and Graf, W. THE VENTRAL SUBSTRATE RESPONSE OF FISHES. COMPARATIVE INVESTIGATION OF THE VSR ABOUT THE ROLL AND THE PITCH AXIS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 117 (2): 209-217. 1977. SFA 22(4)

71-005222 Milburn, O. and Alexander, R. McN. THE PERFORMANCE OF THE MUSCLES INVOLVED IN SPITTING BY THE ARCHERFISH /TOXOTES/. *J. Zool. (Lond.)* 180 (2): 243-251. Oct. 1976. SFA 22(2)

71-005223 Miles, P. S. AGNOSTIC BEHAVIOR OF SOME GOBID FISHES FROM THE GULF OF CALIFORNIA. *Ph.D. dissertation, Univ. Ariz.* 175p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-005224 Miley, W. M. and Burack, G. STRENGTH OF AGGRESSIVE DISPLAY IN SIAMESE FIGHTING FISH (/BETTA SPLENDENS/) TOWARD A CONSPECIFIC, AN ALIEN SPECIES (/MACROPODUS OPERCULARIS/), AND A MIRROR IMAGE AS AFFECTED BY PRIOR CONSPECIFIC VISUAL EXPERIENCE. *Behav. Biol.* 21 (2): 267-272. Oct. 1977. SFA 23(1)

71-005225 Miller, R. J. and Janzow, F. T. AN EXPERIMENT ON VISUAL DISCRIMINATION IN THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/. *Proc. Okla. Acad. Sci.* 59:34-40. 1979. SFA 25(1)

71-005226 Mishrigi, S. Y. and Kubo, T. EFFECTS OF TERRITORIALITY ON OXYGEN CONSUMPTION IN /TILAPIA NILOTICA/. *Bull. Fac. Fish. Hokkaido Univ.* 29 (4): 308-312. Nov. 1978. SFA 24(3)

71-005227 Miyazaki, C. [INFLUENCE OF NOISE, LIGHT AND MUD SUSPENSION DUE TO MARINE WORKS AND TRAINS ON THE SCHOOLING BEHAVIOUR OF FISH.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 2:39-58. 1973[1977]. In Japanese with English summ. SFA 24(4)

71-005228 Mizuno, N.; Maki, M. and Uehara, S. [STUDIES ON A FRESHWATER FISH, /RHINOBIUS BRUNNEUS/ (GOBIIDAE). IV. HABITAT SEGREGATION AMONG SYMPATRIC POPULATIONS OF 4 COLOUR TYPES.] *Jpn. J. Ecol.* 29(2):137-147. June 1979. In Japanese with English summ. SFA 25(1)

71-005229 Mochek, A. D. [BEHAVIOUR OF FISHES IN THE COASTAL ZONE OF THE BLACK SEA.] *Zool. Zh.* 59(7):1060-1066. July 1980. In Russian with English summ. SFA 25(4)

71-005230 Mochek, A. D. and Silva, A. THE GROUP BEHAVIOR OF FISHES OF THE GENUS /HAEMULON/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 790-793. 1975. SFA 22(1)

71-005231 Mochek, A. D. SOME ASPECTS OF "FAMILY" BEHAVIOR IN THE STICKLEBACK, /PUNGITIUS PUNGITIUS/, AND /GASTEROSTEUS ACULEATUS/ UNDER EXPERIMENTAL CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 172-176. 1976. SFA 22(3)

71-005232 Moller, P. ELECTRIC SIGNALS AND SCHOOLING BEHAVIOR IN A WEAKLY ELECTRIC FISH, /MARCUSENIUS CYPRINOIDES/ L. (MORMYRIFORMES). *Science* 193 (4254): 697-699. Aug. 1976. SFA 21(3).

71-005233 Moss, R. E. and Cross, F. B. MICROHABITAT SELECTION BY RIFFLE FISHES IN THE NEOSHO RIVER. *Trans. Kans. Acad. Sci.* 81: 91-92. 1978. Abstract only. SFA 24(4)

71-005234 Muir, J. and Rigley, L. DAILY LOCOMOTOR ACTIVITY PATTERN OF THE BROWN BULLHEAD, /ICTALURUS NEBULOSUS/ (LESUER). *Proc. Pa. Acad. Sci.* 51 (2): 115-116. 1977. SFA 23(3)

71-005235 Muller, K. ZUR CHRONOBIOLOGIE DER MARAENE (/COREGONUS LAVARETUS/ L.) AM POLARKREIS. [CHRONOBIOLOGICAL STUDIES ON WHITEFISH (/COREGONUS LAVARETUS/ L.) AT THE ARTIC CIRCLE.] *Arch. Fishchereiwiss.* 27 (2): 121-132. Nov. 1976. In German with English summ. SFA 22(1)

71-005236 Muller, R. and Fry, F. E. J. PREFERRED TEMPERATURE OF FISH: A NEW METHOD. *J. Fish. Res. Board Can.* 33 (8): 1815-1817. Aug. 1976. In English with French summ. SFA 21(3).

71-005237 Muller, R. TEMPERATURE SELECTION OF GOLDFISH (/CARASSIUS AURATUS/ L.) AND BROOK TROUT (/SALVELINUS FONTINALIS/ MITCH.) AFTER HETEROGENEOUS TEMPERATURE ACCLIMATION. *J. Therm. Biol.* 2 (1): 5-7. Jan. 1977. In English with French summ. SFA 23(4)

71-005238 Mundry, P. R. A QUANTITATIVE MEASURE OF MIGRATORY TIMING ILLUSTRATED BY APPLICATION TO THE MANAGEMENT OF COMMERCIAL SALMON FISHERIES. *Ph. D. dissertation, Univ. Wash.* 94p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2563. Dec. 1979. SFA 25(2)

71-005239 Munson, B. H.; J. H. McCormick and H. L. Collins. INFLUENCE OF THERMAL CHALLENGE ON CONDITIONED FEEDING FORAYS OF JUVENILE RAINBOW TROUT. *Trans. Am. Fish. Soc.* 109(1):116-121. Jan. 1980. SFA 25(2)

71-005240 Mustafa, S. and Jafri, A. K. LABORATORY EXPERIMENTS ON THE SCHOOLING AND FEEDING BEHAVIOUR OF /TRICHOGASTER FASCIATUS/ (PISCES: PERCIFORMES). *Zool. J. Linn. Soc.* 64 (2): 103-105. Oct. 1978. SFA 24(2)

71-005241 Nashimoto, K. [THE SWIMMING SPEED OF FISH IN RELATION TO FREQUENCY OF TAIL BEATING AND BODY TYPE.] *Bull. Jpn. Soc. Sci. Fish.* 46(6):675-679. June 1980. In Japanese with English summ. SFA 25(4)

71-005242 Nashimoto, K. [THE SWIMMING SPEED OF FISH IN RELATION TO FISH SIZE AND FREQUENCY OF TAIL BEATING.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):307-312. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-005243 Nelissen, M. H. J. SOUND PRODUCTION BY SOME TANGANYIKAN CICHLID FISHES AND A HYPOTHESIS FOR THE EVOLUTION OF THEIR COMMUNICATION MECHANISMS. *Behaviour* 64 (1-2): 137-147. 1978. In English with French summ. SFA 23(3)

71-005244 Nelissen, M. H. J. CONTRIBUTION TO THE ETHOLOGY OF /TROPHEUS DUBOISI/ MARLIER (PISCES, CICHILDAE). *Acta Zool. Pathol. Antverpiensia* No. 70. p. 133-139. Feb. 1978. SFA 23(4)

71-005245 Nelissen, M. H. J. CONTRIBUTION TO THE ETHOLOGY OF /TROPHEUS BRICHARDI/ NELISSEN AND THYS, 1975 (PISCES, CICHLIDAE). *Acta Zool. Pathol. Antverpiensia* No. 70. p. 141-147. Feb. 1978. SFA 23(4)

71-005246 Nelson, D. R. ON THE FIELD STUDY OF SHARK BEHAVIOR. *Am. Zool.* 17 (2): 501-507. 1977. SFA 22(4)

71-005247 Nelson, G. G. ANATOMY OF THE MALE UROGENITAL ORGANS OF /GOODEA ATRIPINNIS/ AND /CHARACODON LATERALIS/ (ATHERINIFORMES: CYPRINODONTOIDEI), AND /G. ATRIPINNIS/ COURTSHIP. *Copeia* 1975(3):475-482. 5 Aug. 1975. SFA 21(1).

71-005248 Neproshin, A. Yu. BEHAVIOR OF THE PACIFIC MACKEREL, /PNEUMATOPHORUS JAPONICUS/, /WHEN AFFECTED BY VESSEL NOISE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):695-699. 1978. SFA 25(1)

71-005249 Neproshin, A. Yu.; O. N. Kruchinin and A. S. Fedoseyenkov. THE ACOUSTIC BEHAVIOR OF THE POND SMELT, *HYPOMESUS OLIDUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):167-169. 1979. SFA 25(3)

71-005250 Neproshin, A. Yu. and Kulikova, N. I. SOUND-PRODUCING ORGANS IN SALMONIDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 481-485. 1975. SFA 21(4)

71-005251 Nilsen, G. B. and Roed, K. H. A NEW AQUARIUM FOR THE STUDY OF TEMPERATURE BEHAVIOUR OF FISH. *Sarsia* 63 (4): 199-202. 1978. SFA 24(2)

71-005252 Niwa, H. SCOTOPIC ERG AND PHOTOPIC S-POTENTIAL IN FISH--COMPARISON WITH BEHAVIOURAL DATA. Comp. Biochem. Physiol. A Comp. Physiol. 64(4):581-584. 1979. SFA 25(1)

71-005253 Niwa, H. S-POTENTIAL-SPECTRAL SENSITIVITY IN TWO GOBIES, /ACANTHOGOBIUS FLAVIMANUS/ AND /GLOSSOGOBIUS OLIVACEUS/ (GOBIIDAE). *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (4): 1031-1033. 1979. SFA 24(3)

71-005254 North, E. AGGRESSIVE BEHAVIOUR OF JUVENILE BROWN TROUT *SALMO TRUTTA*, L: AN ANALYSIS OF THE WIGWAG DISPLAY. *J. Fish Biol.* 15(5):571-577. Nov. 1979. SFA 25(2)

71-005255 Nursall, J. R. TERRITORIALITY IN REDLIP BLENNIES (/OPHIOBLENNIUS ATLANTICUS/--PISCES: BLENNIIDAE). *J. Zool. (Lond.)* 182 (2): 205-223. June 1977. SFA 22(4)

71-005256 Ohi, S. EFFECTS OF ACTINOMYCIN D ON BRAIN RNA SYNTHESIS AND DISCRIMINATION LEARNING IN THE GOLDFISH (/CARASSIUS AURATUS/). *Physiol. Behav.* 19 (2): 261-264. Aug. 1977. SFA 23(1)

71-005257 Okubo, A.; Sakamoto, W.; Inagaki, T. and Kuroki, T. STUDIES ON THE SCHOOLING BEHAVIOR OF FISH--V. NOTE ON THE DYNAMICS OF FISH SCHOOLING. *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1369-1377. Dec. 1977. SFA 23(2)

71-005258 Olla, B. L.; Bejda, A. J. and Martin, A. D. SEASONAL DISPERSAL AND HABITAT SELECTION OF CUNNER, /TAUTOGOLABRUS ADSPERSUS/, AND YOUNG TAUTOG, /TAUTOGA ONITIS/, IN FIRE ISLAND INLET, LONG ISLAND, NEW YORK. *NOAA Fish. Bull.* 77(1):255-261. Jan. 1979. SFA 24(3)

71-005259 Olofsson, S. and Lindahl, P. E. STUDIES OF FORCE ACTING ON FISH IN THE ROTATORY FLOW APPARATUS. *Hydrobiologia* 60 (2): 99-108. 18 Aug. 1978. SFA 24(1)

71-005260 Olson, R. D.; Kastin, A. J.; Michell, G. F.; Olson, G. A.; Coy, D. H. and Montalbano, D. M. EFFECTS OF ENDORPHIN AND ENKEPHALIN ANALOGS ON FEAR HABITUATION IN GOLDFISH. *Pharmacol. Biochem. Behav.* 9 (1): 111-114. July 1978. SFA 24(1)

71-005261 Ordzie, C. J. HABITAT SELECTION BY /FUNDULUS HETEROCLITUS/. *Ph.D. dissertation, Univ. R.I.* 114p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2113. Nov. 1978. SFA 24(1)

71-005262 Otto, R. G. and Rice, J. O. RESPONSES OF A FRESHWATER SCULPIN (/COTTUS COGNATUS GRACILIS/) TO TEMPERATURE. *Trans. Am. Fish. Soc.* 106 (1): 89-94. Jan. 1977. SFA 22(3)

71-005263 Otto, R. G.; Kitchel, M. A. and Rice, J. O. LETHAL AND PREFERRED TEMPERATURES OF THE ALEWIFE (/ALOSA PSEUDOHARENGUS/) IN LAKE MICHIGAN. *Trans. Am. Fish. Soc.* 105(1):96-106. Jan. 1976. SFA 21(1).

71-005264 Ovcharov, O. P. SOME HYDRODYNAMIC FEATURES OF THE BLACK SEA SCORPIONFISH, /SCORPAENA PORCUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 153-156. 1978. SFA 24(3)

71-005265 Ovcharov, O. P. THE MANEUVERABILITY OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 582-588. 1974. SFA 21(2).

71-005266 Pals, N. and Schoenhage, A. A. C. MARINE ELECTRIC FIELDS AND FISH ORIENTATION. *J. Physiol. (Paris)* 75:349-353. 1979. SFA 25(1)

71-005267 Parker, N. C. and Simco, B. A. ACTIVITY PATTERNS, FEEDING AND BEHAVIOR OF THE PIRATEPERCH, /APHREDODERUS SAYANUS/. *Copeia* 1975(3):572-574. 5 Aug. 1975. SFA 21(1).

71-005268 Partridge, B. L. and T. J. Pitcher. THE SENSORY BASIS OF FISH SCHOOLS: RELATIVE ROLES OF LATERAL LINE AND VISION. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 135(4):315-325. Feb. 1980. SFA 25(2)

71-005269 Partridge, B. L. THE EFFECT OF SCHOOL SIZE ON THE STRUCTURE AND DYNAMICS OF MINNOW SCHOOLS. *Anim. Behav. (Baillière Tindall, Publ.)* 28(1):68-77. Feb. 1980. SFA 25(2)

71-005270 Partridge, B. L.; T. Pitcher; J. M. Cullen and J. Wilson. THE THREE-DIMENSIONAL STRUCTURE OF FISH SCHOOLS. *Behav. Ecol. Sociobiol.* 6(4):277-288. Mar. 1980. SFA 25(3)

71-005271 Parzefall, J. ZUR GENETIK UND BIOLOGISCHEN BEDEUTUNG DES AGGRESSIONSVERHALTENS VON *POECILIA SPHENOPS* (PISCES, POECILIIDAE). UNTERSUCHUNGEN AN BASTARDEN OBER-UND UNTERIRDISCH LEBENDER POPULATIONEN. [AGGRESSIVE BEHAVIOUR OF *POECILIA SPHENOPS* (PISCES, POECILIIDAE). STUDIES ON HYBRIDS OF EPIGIOUS AND HYPOGEOUS LIVING POPULATIONS.] *J. Comp. Ethol.* 50(4):399-422. Aug. 1979. SFA 25(2)

71-005272 Paulson, A. C. ON THE COMMENSAL HABITS OF /PTERELEOPTRIS/, /ACANTHURUS/ AND /ZEBRASOMA/ WITH FOSSORIAL /VALENCIENNEA/ AND /AMBLYGOBUIS/. *Copeia* 1978 (1): 168-169. 10 Feb. 1978. SFA 23(2)

71-005273 Pavlov, D. S. and Yu. N. Sbikin. THE NUMBER OF VISUAL REFERENCE POINTS AND INFLUENCE ON THE MANIFESTATION OF RHEOREACTION IN FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1022-1026. 1978. SFA 25(2)

71-005274 Pawson, M. G. THE RESPONSES OF COD /GADUS MORHUA/ (L) TO CHEMICAL ATTRACTANTS IN MOVING WATER. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 316-318. Sept. 1977. SFA 23(2)

71-005275 Pearcy, W. G. DISTRIBUTION AND ABUNDANCE OF SMALL FLATFISHES AND OTHER DEMERSAL FISHES IN A REGION OF DIVERSE SEDIMENTS AND BATHYMETRY OFF OREGON. *NOAA Fish. Bull.* 76 (3): 629-640. July 1978. SFA 24(1)

71-005276 Peden, A. E. DIFFERENCES IN COPULATORY BEHAVIOR AS PARTIAL ISOLATING MECHANISMS IN THE POECILIID FISH /GAMBUSIA/. *Can. J. Zool.* 53 (9): 1290-1296. Sept. 1975. In English with French summ. SFA 22(1)

71-005277 Peeke, H. V. S.; Blankenship, N. and Figler, M. H. RETENTION AND RECOVERY OF HABITUATED TERRITORIAL AGRESSIVE VEHAVIOR IN THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/ L.): THE ROLES OF TIME AND NEST RECONSTRUCTION. *Behaviour* 69(3/4):171-182. 1979. In English with German summ. SFA 25(1)

71-005278 Perrone, M., Jr. THE RELATION BETWEEN MATE CHOICE AND PARENTAL INVESTMENT PATTERNS IN FISH WHO BROOD THEIR YOUNG: THEORY AND A CASE STUDY. *Ph. D. dissertation, Univ. Wash.* 153p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-005279 Petersen, G. H. THE OCCURRENCE OF THE SAND EEL (/AMMODYTES DUBIUS/) IN 0.1 M^2 VAN VEEN GRAB SAMPLES TAKEN DURING WINTER IN GODHAVN HAVN, DISKO BUGT. *J. Cons. Cons. Int. Explor. Mer* 37(3):309-310. Sept. 1977. SFA 23(2)

71-005280 Peterson, C. H. CRUISING SPEED DURING MIGRATION OF THE STRIPED MULLET (/MUGIL CEPHALUS/ L.): AN EVOLUTIONARY RESPONSE TO PREDATION? *Evolution* 30(2):393-396. June 1976. SFA 22(1)

71-005281 Peterson, R. H.; Sutterlin, A. M. and Metcalfe, J. L. TEMPERATURE PREFERENCE OF SEVERAL SPECIES OF /SALMO/ AND /SALVELINUS/ AND SOME OF THEIR HYBRIDS. *J. Fish. Res. Board Can.* 36(9):1137-1140. Sept. 1979. In English with French summ. SFA 25(1)

71-005282 Peterson, R. H. and Metcalfe, J. L. RESPONSES OF ATLANTIC SALMON ALEVINS TO TEMPERATURE GRADIENTS. *Can. J. Zool.* 57 (7): 1424-1430. July 1979. In English with French summ. SFA 24(4)

71-005283 Peterson, S. E. and Schutsky, R. M. SOME RELATIONSHIPS OF UPPER THERMAL TOLERANCES TO PREFERENCE AND AVOIDANCE RESPONSES OF THE BLUEGILL. *IN G. W. Esch and R. W. McFarlane, eds. Thermal Ecology II. U.S. Energy Res. Dev. Admin. Symp. Ser. 40 (CONF-750-425). Natl. Tech. Info. Serv., Springfield, VA.* 148-153. 1976. SFA 22(2)

71-005284 Pfeiffer, W. and Riegelbauer G. THE EFFECT OF THE ALARM SUBSTANCE ON THE CENTRAL NERVOUS EXCITATION OF THE BLACK TETRA /GYMNOCORYMBUS TERNETZI/ (CHARACIDAE, OSTARIOPHYSI, PISCES) INDICATED BY DORSAL LIGHT RESPONSE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 123 (3): 281-288. 1978. SFA 23(3)

71-005285 Pfeiffer, W. THE DISTRIBUTION OF FRIGHT REACTION AND ALARM SUBSTANCE CELLS IN FISHES. *Copeia* 1977 (4): 653-665. 25 Nov. 1977. SFA 23(1)

71-005286 Phillips, A. C. and Barraclough, W. E. ON THE EARLY LIFE HISTORY OF THE LINGCOD (/OPHIODON ELONGATUS/). *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 756. iv + 35p. Dec. 1977. In English with French summ. SFA 23(3)

71-005287 Phillips, R. R. THE RELATIONSHIP BETWEEN SOCIAL BEHAVIOUR AND THE USE OF SPACE IN THE BENTHIC FISH /CHASMODES BOSQUIANUS/ LACEPEDE (TELEOSTEI, BLENIIDAE) IV. EFFECTS OF TOPOGRAPHY ON HABITAT SELECTION AND SHELTER CHOICE. *Behaviour* 60 (1-2): 1-27. 1977. In English with German summ. SFA 22(3)

71-005288 Pitcher, T. J.; Partridge, B. L. and Wardle, C. S. A BLIND FISH CAN SCHOOL. *Science* 194 (4268): 63-65. 26 Nov. 1976. SFA 21(4).

71-005289 Pitcher, T. SENSORY INFORMATION AND THE ORGANIZATION OF BEHAVIOUR IN A SHOALING CYPRINID FISH. *Anim. Behav.* 27 (1): 126-149. Feb. 1979. SFA 24(3)

71-005290 Polunin, N. V. C. and Lubbock, R. PRAWN-ASSOCIATED GOBIES (TELEOSTEI: GOBIIDAE) FROM THE SEYCHELLES, WESTERN INDIAN OCEAN: SYSTEMATICS AND ECOLOGY. *J. Zool. (Lond.)* 183 (1): 63-101. Sept. 1977. SFA 23(1)

71-005291 Popper, A. N. and Clarke, N. L. THE AUDITORY SYSTEM OF THE GOLDFISH (/CARASSIUS AURATUS/): EFFECTS OF INTENSE ACOUSTIC STIMULATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 53 (1): 11-18. 1976. SFA 22(1)

71-005292 Pottle, R. A. and J. M. Green. TERRITORIAL BEHAVIOUR OF THE NORTH TEMPERATE LABRID, *TAUTOGOLABRUS ADSPERSUS*. *Can. J. Zool.* 57(12):2327-2347. Dec. 1979. In English with French summ. SFA 25(2)

71-005293 Power, M. E. and Todd, J. H. EFFECTS OF INCREASING TEMPERATURE ON SOCIAL BEHAVIOUR IN TERRITORIAL GROUPS OF PUMPKINSEED SUNFISH, /LEPOMIS GIBBOSUS/. *Environ. Pollut.* 10 (3): 217-223. Apr. 1976. SFA 22(1)

71-005294 Powles, P. M. FISH OF THE KAWARTHAS, PART II. "COOL-WATER" SPECIES. *Trent Univ. Biol. Dep. Ecol. Bull.* 3(2):3-7. 1977. SFA 25(1)

71-005295 Preston, J. L. COMMUNICATION SYSTEMS AND SOCIAL INTERACTIONS IN A GOBY-SHRIMP SYMBIOSIS. *Anim. Behav.* 26 (3): 791-802. Aug. 1978. SFA 24(1)

71-005296 Proctor, C.; P. R. L. Mosse and R. C. L. Hudson. A HISTOCHEMICAL AND ULTRASTRUCTURAL STUDY OF THE DEVELOPMENT OF THE PROPULSIVE MUSCULATURE OF THE BROWN TROUT, *SALMO TRUTTA* L., IN RELATION TO ITS SWIMMING BEHAVIOUR. *J. Fish Biol.* 16(3):309-329. Mar. 1980. SFA 25(3)

71-005297 Quertermus, C. and Mitchell, G. C. HABITAT SELECTION OF TELEMETERED LARGEMOUTH BASS IN LAKE CARROLL, CARROLL COUNTY, GEORGIA. *Ga. J. Sci.* 37 (2): 72. Apr. 1979. Abstract only. SFA 24(3)

71-005298 Quinn, T. P. EVIDENCE FOR CELESTIAL AND MAGNETIC COMPASS ORIENTATION IN LAKE MIGRATING SOCKEYE SALMON FRY. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 137(3):243-248. 1980. SFA 25(3)

71-005299 Quinn, T. P. LOCOMOTOR RESPONSES OF JUVENILE BLIND CAVE FISH, *ASTYANAX JORDANI*, TO THE ODORS OF CONSPECIFICS. *Behav. Neural Biol.* 29(1):123-127. May 1980. SFA 25(3)

71-005300 Radakov, D. V. and Silva, A. SOME CHARACTERISTICS OF THE SCHOOLING BEHAVIOR OF /JENKINSIA LAMPROTAENIA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 283-286. 1974. SFA 21(2).

71-005301 Radakov, D. V.; A. D. Mochek; Yu. N. Sbikin and A. S. Lee. THE INTERRELATIONSHIP BETWEEN GROUP BEHAVIOR AND OTHER BIOLOGICAL CHARACTERISTICS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):167-171. 1979. SFA 25(4)

71-005302 Rahmann, H.; Jeserich, G. and Zeutzius, I. ONTOGENY OF VISUAL ACUITY OF RAINBOW TROUT UNDER NORMAL CONDITIONS AND LIGHT DEPRIVATION. *Behaviour* 68 (3,4): 315-322. 1979. In English with German summ. SFA 24(3)

71-005303 Randolph, K. N. THE DAILY ROUTINE OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, IN CULTURE PONDS. *Ph.D. dissertation, Univ. Okla.* 67p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(4), 1975. SFA 21(1).

71-005304 Raynauld, J.-P.; Laviolette, J. R. and Wagner, H.-J. GOLDFISH RETINA: A CORRELATE BETWEEN CONE ACTIVITY AND MORPHOLOGY OF THE HORIZONTAL CELL IN CONE PEDICULES. *Science* 204 (4400): 1436-1438. 29 June 1979. SFA 24(4)

71-005305 Rebach, S. SIMULTANEOUS ACTIVITY RECORDING OF MULTIPLE ISOLATED MARINE ORGANISMS IN AN ARTIFICAL SALTWATER RECIRCULATING SYSTEM. *J. Fish. Res. Board Can.* 34 (9): 1426-1430. Sept. 1977. In English with French summ. SFA 22(4)

71-005306 Rechten, C. BROOD RELIEF BEHAVIOUR OF THE CICHLID FISH *ETROPLUS MACULATUS*. *J. Comp. Ethol.* 52(1):77-102. 1980. SFA 25(3)

71-005307 Reutter, J. M. and Herdenaorf, C. E. LABORATORY ESTIMATES OF THE SEASONAL FINAL TEMPERATURE PREFERENDA OF SOME LAKE ERIE FISH. *Proc. Conf. Great Lakes Res.* 17: 59-67. 1974. SFA 22(4)

71-005308 Reutter, K. TASTE ORGAN IN THE BULLHEAD (TELEOSTEI). *Adv. Anat. Embryol. Cell. Biol.* 55 (1): 1-98. 1978. SFA 24(1)

71-005309 Reynolds, W. W. and Casterlin, M. E. EFFECT OF TEMPERATURE ON LOCOMOTOR ACTIVITY IN THE GOLDFISH (/CARASSIUS AURATUS/) AND THE BLUEGILL (/LEPOMIS MACROCHIRUS/): PRESENCE OF AN 'ACTIVITY WELL' IN THE REGION OF THE FINAL PREFERENDUM. *Hydrobiologia* 65(1):3-5. 16 July 1979. SFA 25(1)

71-005310 Reynolds, W. W. and Casterlin, M. E. THERMOREGULATORY RHYTHM IN JUVENILE MUSKELLUNGE (/ESOX MASQUINONGY/): EVIDENCE OF A DIEL SHIFT IN THE LOWER SET-POINT. *Comp. Biochem. Physiol. A Comp. Physiol.* 63(4):523-525. 1979. SFA 25(1)

71-005311 Reynolds, W. W. and M. E. Casterlin. BEHAVIORAL THERMOREGULATION AND LOCOMOTOR ACTIVITY OF *PERCA FLAVESCENS*. *Can. J. Zool.* 57(11):2239-2242. Nov. 1979. In English with French summ. SFA 25(2)

71-005312 Reynolds, W. W. and M. E. Casterlin. THERMOREGULATORY BEHAVIOR OF A TROPICAL MARINE FISH: *FORCIPIGER LONGIROSTRIS* (BROUSSONET). *Contrib. Mar. Sci.* 23:111-113. Aug. 1980. SFA 25(4)

71-005313 Reynolds, W. W. and M. E. Casterlin. THERMOREGULATORY BEHAVIOR OF A TROPICAL REEF FISH, *ZEBRASOMA FLAVESCENS*. *Oikos* 34(3):356-358. May 1980. In English with Russian summ. SFA 25(4)

71-005314 Reynolds, W. W. and Casterlin, M. E. BEHAVIORAL THERMOREGULATION AND DIEL ACTIVITY IN WHITE SUCKER (/CATOSTOMUS COMMERSONI/). *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (3): 261-262. 1978. SFA 23(3)

71-005315 Reynolds, W. W.; Casterlin, M. E.; Matthey, J. K.; Millington, S. T. and Ostrowski, A. C. DIEL PATTERNS OF PREFERRED TEMPERATURE AND LOCOMOTOR ACTIVITY IN THE GOLDFISH /CARASSIUS AURATUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (2): 225-227. 1978. SFA 23(3)

71-005316 Reynolds, W. W. THE FINAL THERMAL PREFERENDUM OF FISHES: SHUTTLING BEHAVIOR AND ACCLIMATION OVERSHOOT. *Hydrobiologia* 57 (2): 123-124. 21 Jan. 1978. SFA 23(3)

71-005317 Reynolds, W. W. CIRCADIAN RHYTHMS IN THE GOLDFISH /CARASSIUS AURATUS/ L.: PRELIMINARY OBSERVATIONS AND POSSIBLE IMPLICATIONS. *Rev. Can. Biol.* 36 (4): 355-356. Dec. 1977. In English with French summ. SFA 23(2)

71-005318 Reynolds, W. W. and Casterlin, M. E. BEHAVIORAL THERMOREGULATION IN THE ROCK BASS, /AMBLOPLITES RUPESTRIS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (3): 263-264. 1978. SFA 23(4)

71-005319 Reynolds, W. W. and Casterlin, M. E. ONTOGENETIC CHANGE IN PREFERRED TEMPERATURE AND DIEL ACTIVITY OF THE YELLOW BULLHEAD, /ICTALURUS NATALIS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 59 (4): 409-411. 1978. SFA 23(3)

71-005320 Reynolds, W. W.; Casterlin, M. E. and Millington, S. T. CIRCADIAN RHYTHM OF PREFERRED TEMPERATURE IN THE BOWFIN /AMIA CALVA/, A PRIMITIVE HOLOSTEAN FISH. *Comp. Biochem. Physiol. A Comp. Physiol.* 60 (1): 107-109. 1978. SFA 23(3)

71-005321 Reynolds, W. W. and Casterlin, M. E. COMPLEMENTARITY OF THERMOREGULATORY RHYTHMS IN /MICROPTERUS SALMOIDES/ AND /M. DOLOMIEUI/. *Hydrobiologia* 60 (1): 89-91. 14 July 1978. SFA 23(4)

71-005322 Reynolds, W. W. and Casterlin, M. E. PHOTOKINETIC RESPONSES AND DIEL ACTIVITY OF SEA LAMPREY /PETROMYZON MARINUS/ AMMOCOETE LARVAE. *J. Fish Biol.* 14 (4): 425-428. Apr. 1979. SFA 24(3)

71-005323 Reynolds, W. W. and Casterlin, M. E. THERMOREGULATORY BEHAVIOR OF BROWN TROUT, /SALMO TRUTTA/. *Hydrobiologia* 62 (1): 79-80. 8 Jan. 1979. SFA 24(3)

71-005324 Reynolds, W. W. and Casterlin, M. E. ACTIVITY RHYTHMS AND LIGHT INTENSITY PREFERENCES OF /MICROPTERUS SALMOIDES/ AND /M. DOLOMIEUI/. *Trans. Am. Fish. Soc.* 105 (3): 400-403. May 1976. SFA 21(3).

71-005325 Reynolds, W. W. and Casterlin, M. E. LOCOMOTOR ACTIVITY RHYTHMS IN THE BLUEGILL SUNFISH, /LEPOMIS MACROCHIRUS/. *Am. Midl. Nat.* 96 (1): 221-225. July 1976. SFA 21(3).

71-005326 Reynolds, W. W. FISH ORIENTATION BEHAVIOR: AN ELECTRONIC DEVICE FOR STUDYING SIMULTANEOUS RESPONSES TO TWO VARIABLES. *J. Fish. Res. Board Can.* 34 (2): 300-304. Feb. 1977. In English with French summ. SFA 22(3)

71-005327 Reynolds, W. W. and Casterlin, M. E. TEMPERATURE PREFERENCES OF FOUR FISH SPECIES IN AN ELECTRONIC THERMOREGULATORY SHUTTLEBOX. *Prog. Fish-Cult.* 39 (3): 123-125. July 1977. SFA 22(4)

71-005328 Reynolds, W. W. TEMPERATURE AS A PROXIMATE FACTOR IN ORIENTATION BEHAVIOR. *J. Fish. Res. Board Can.* 34 (5): 734-739. May 1977. In English with French summ. SFA 22(3)

71-005329 Reynolds, W. W.; Thomson, D. A. and Casterlin, M. E. RESPONSES OF YOUNG CALIFORNIA GRUNION, /LEURESTHES TENUIS/, TO GRADIENTS OF TEMPERATURE AND LIGHT. *Copeia* 1977 (1): 144-149. 16 Mar. 1977. SFA 22(3)

71-005330 Ribbink, A. J. and Hill, B. J. DEPTH EQUILIBRATION BY TWO PREDATORY CICHLID FISH FROM LAKE MALAWI. *J. Fish Biol.* 14 (6): 507-510. June 1979. SFA 24(4)

71-005331 Ribbink, A. J. CUCKOO AMONG LAKE MALAWI CICHLID FISH. *Nature* 267 (5608): 243-244. 19 May 1977. SFA 22(3)

71-005332 Ribbink, A. J.; A. C. Marsh; B. Marsh and B. J. Sharp. PARENTAL BEHAVIOUR AND MIXED BROODS AMONG CICHLID FISH OF LAKE MALAWI. *S. Afr. J. Zool.* 15(1):1-6. 1980. In English with Afrikaans summ. SFA 25(4)

71-005333 Richards, F. P. and Ibara, R. M. THE PREFERRED TEMPERATURES OF THE BROWN BULLHEAD, /ICTALURUS NEBULOSUS/, WITH REFERENCE TO ITS ORIENTATION TO THE DISCHARGE CANAL OF A NUCLEAR POWER PLANT. *Trans. Am. Fish. Soc.* 107 (2): 288-294. Mar. 1978. SFA 23(3)

71-005334 Richards, F. P. TEMPERATURE PREFERENCE STUDIES IN ENVIRONMENTAL IMPACT ASSESSMENTS: AN OVERVIEW WITH PROCEDURAL RECOMMENDATIONS. INTRODUCTION. *J. Fish. Res. Board Can.* 34 (5): 729. May 1977. In English with French summ. SFA 22(3)

71-005335 Richards, I. S. CHEMORECEPTION IN THE BROWN BULLHEAD CATFISH, /ICTALURUS NEBULOSUS/: INTRASPECIFIC DISCRIMINATION AND TERRITORIAL BEHAVIOR, AND THE RECOGNITION OF FOUR SYMPATRIC TELEOSTS. *Ph.D. dissertation, N. Y. Univ.* 106 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-005336 Richards, S. W. MIXED SPECIES SCHOOLING OF POSTLARVAE OF /AMMODYTES HEXAPTERUS/ AND /CLUPEA HARENGUS HARENGUS/. *J. Fish. Res. Board Can.* 33 (4,1): 843-844. Apr. 1976. In English with French summ. SFA 21(2).

71-005337 Richkus, W. A. and Winn, H. E. ACTIVITY CYCLES OF ADULT AND JUVENILE ALEWIVES, /ALOSA PSEUDOHARENGUS/, RECORDED BY TWO METHODS. *Trans. Am. Fish. Soc.* 108(4):358-365. July 1979. SFA 25(1)

71-005338 Riemslag, F. C. C. and Schellart, N. A. M. EVOKED POTENTIALS AND SPIKE RESPONSES TO MOVING STIMULI IN THE OPTIC TECTUM OF GOLDFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 128(1):13-20. 17 Nov. 1978. SFA 24(2)

71-005339 Rigley, L. and J. Muir. THE ROLE OF SOUND PRODUCTION BY THE BROWN BULLHEAD *ICTULURUS NEBULOSUS*. *Proc. Pa. Acad. Sci.* 53(2):132-134. 1979. SFA 25(3)

71-005340 Robertson, D. R. and Sheldon, J. M. COMPETITIVE INTERACTIONS AND THE AVAILABILITY OF SLEEPING SITES FOR A DIURNAL CORAL REEF FISH. *J. Exp. Mar. Biol. Ecol.* 40(3):285-298. 8 Oct. 1979. SFA 25(1)

71-005341 Roed, K. H. THE TEMPERATURE PREFERENCE OF THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. (PISCES), COLLECTED AT DIFFERENT SEASONS. *Sarsia* 64(3):137-141. 1979. SFA 25(1)

71-005342 Rohrs, W.-H. VERAENDERUNGEN DER SEXUELLEN UND AGGRESSIVEN HANDLUNGSBEREITSCHAFT DES SCHWERTTRAEGERS /XIPHOPHORUS HELLERI/ (PISCES, POECILIIDAE) UNTER DEM EINFLUSS SOZIALER ISOLATION. [CHANGES OF SEXUAL AND AGGRESSIVE RESPONSIVENESS AFTER SOCIAL ISOLATION IN FEMALES OF /XIPHOPHORUS HELLERI/.] *J. Comp. Ethol.* 44 (4): 402-422. Aug. 1977. In German with English summ. SFA 23(2)

71-005343 Rosenblatt, R. H. and Johnson, G. D. ANATOMICAL CONSIDERATIONS OF PECTORAL SWIMMING IN THE OPAH, /LAMPRIS GUTTATUS/. *Copeia* 1976 (2): 367-370. May 1976. SFA 21(2).

71-005344 Ross, J.; Powles, P. M. and Berrill, M. THERMAL SELECTION AND RELATED BEHAVIOR IN LARVAL YELLOW PERCH (/PERCA FLAVESCENS/). *Can. Field-Nat.* 91 (4): 406-410. Oct.-Dec. 1977. SFA 23(3)

71-005345 Ross, M. R. AGGRESSION AS A SOCIAL MECHANISM IN THE CREEK CHUB (/SEMOTILUS ATROMACULATUS/). *Copeia* 1977 (2): 393-397. 25 May 1977. SFA 22(3)

71-005346 Ross, R. M. TERRITORIAL BEHAVIOR AND ECOLOGY OF THE ANEMONEFISH /AMPHIPRION MELANOPUS/ ON GUAM. *J. Comp. Ethol.* 46 (1): 71-83. Jan. 1978. SFA 23(4)

71-005347 Rowland, W. J. SOUND PRODUCTION AND ASSOCIATED BEHAVIOR IN THE JEWEL FISH, /HEMICHROMIS BIMACULATUS/. *Behaviour* 64 (1-2): 125-136. 1978. In English with German summ. SFA 23(3)

71-005348 Rowland, W. J. and Rowlands, R. D. FLANK PATCH PIGMENTATION AND BEHAVIOR OF THE JEWEL FISH, /HEMICHROMIS BIMACULATUS/. *Behav. Biol.* 23 (1): 87-94. May 1978. SFA 23(3)

71-005349 Rulifson, R. A. TEMPERATURE AND WATER VELOCITY EFFECTS ON THE SWIMMING PERFORMANCES OF YOUNG-OF-THE-YEAR STRIPED MULLET (/MUGIL CEPHALUS/), SPOT (/LEIOSTOMUS XANTHURUS/), AND PINFISH (/LAGODON RHOMBOIDES/). *J. Fish. Res. Board Can.* 34 (12): 2316-2322. Dec. 1977. In English with French summ. SFA 23(2)

71-005350 Russell, B. C.; Allen, G. R. and Lubbock, H. R. NEW CASES OF MIMICRY IN MARINE FISHES. *J. Zool. (Lond.)* 180 (3): 407-423. Nov. 1976. SFA 22(2)

71-005351 Russock, H. I. SOCIAL BOND FORMATION IN THE CICHLID FISH /TILAPIA MOSSAMBICA/. *Ph.D. dissertation, W. Va. Univ.* 138p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1).

71-005352 Russock, H. I. and Schein, M. W. EFFECT OF AGE AND EXPERIENCE ON THE FILIAL BEHAVIOUR OF /TILAPIA MOSSAMBICA/ FRY (PISCES: CICHLIDAE). *Behaviour* 61 (3-4): 276-303. 1977. In English with German summ. SFA 22(4)

71-005353 Ryder, R. A. EFFECTS OF AMBIENT LIGHT VARIATIONS ON BEHAVIOR OF YEARLING, SUBADULT, AND ADULT WALLEYES (/STIZOSTEDION VITREUM VITREUM/). *J. Fish. Res. Board Can.* 34 (10): 1481-1491. Oct. 1977. In English with French summ. SFA 23(1)

71-005354 Sale, P. F. CHANCE PATTERNS OF DEMOGRAPHIC CHANGE IN POPULATIONS OF TERRITORIAL FISH IN CORAL RUBBLE PATCHES AT HERON REEF. *J. Exp. Mar. Biol. Ecol.* 34 (3): 233-243. Oct. 1978. SFA 24(1)

71-005355 Sale, P. F. PATTERNS OF USE OF SPACE IN A GUILD OF TERRITORIAL REEF FISHES. *Mar. Biol.* 29 (1): 89-97. 21 Feb. 1975. SFA 22(2)

71-005356 Salli, A. J. THE DISTRIBUTION AND BEHAVIOR OF YOUNG-OF-THE-YEAR TROUT IN THE BRULE RIVER OF NORTHWESTERN WISCONSIN. *Ph.D. dissertation, Univ. Wis.* 299p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-005357 Savchenko, N. V. THE LOCOMOTER ACTIVITY OF FISHES IN RELATION TO ILLUMINATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 969-973. 1977. SFA 24(1)

71-005358 Sawa, M. AN INSTRUMENT FOR THE AUTOMATIC DETERMINATION OF AUDITORY THRESHOLDS IN SINGLE NEURONS. *Bull. Fac. Fish. Hokkaido Univ.* 30(1):14-22. Feb. 1979. SFA 25(1)

71-005359 Sawa, M. THE AUDIOGRAM OF THE GOLDFISH DETERMINED BY A HEART RATE CONDITIONED METHOD. *Bull. Fac. Fish. Hokkaido Univ.* 27 (3-4): 129-136. Dec. 1976. SFA 22(4)

71-005360 Sazima, I. and V. S. Uieda. IS THE NIGHT-TIME RESTING BEHAVIOR OF YOUNG NEEDLEFISH AN EXAMPLE OF NOCTURNAL DISGUISE? *Biotropica* 11(4):308-309. Dec. 1979. SFA 25(2)

71-005361 Sazima, I. BEHAVIOR OF TWO BRAZILIAN SPECIES OF PARODONTID FISHES, *APAREIODON PIRACICABAE* AND *A. IBITIENSIS*. *Copeia* 1980(1):166-169. 1 Feb. 1980. SFA 25(2)

71-005362 Sbikin, Yu. N. CHANGES IN THE BEHAVIOR OF SOME FISH FROM THE CUBAN SHELF DURING MORNING AND EVENING TWILIGHT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 785-790. 1978. SFA 24(1)

71-005363 Scarfe, A. D. SPONTANEOUS LOCOMOTOR BEHAVIOR OF GOLDFISH (*CARASSIUS AURATUS*) AND LEMON SHARKS (*NEGAPRION BREVIROSTRIS*) IN RESPONSE TO DIFFERENT VISUAL CONFIGURATIONS. *Ph.D. dissertation, Tex. A&M Univ.* 176p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5575. June 1980. SFA 25(3)

71-005364 Scarfe, A. D. SPONTANEOUS RESPONSE OF GOLDFISH AND LEMON SHARKS TO HORIZONTAL, VERTICAL AND OBLIQUE VISUAL CONFIGURATIONS. *Am. Zool.* 18 (3): 651. 1978. Abstract only. SFA 24(2)

71-005365 Scherer, E. OVERHEAD-LIGHT INTENSITY AND VERTICAL POSITIONING OF THE WALLEYE, /STIZOSTEDION VITREUM VITREUM/. *J. Fish. Res. Board Can.* 33(2):289-292. Feb. 1976. In English with French summ. SFA 21(1).

71-005366 Schmulbach, J. C.; Tunink, D. H. and Zittel, A. E. SWIMMING PERFORMANCE OF MISSOURI RIVER FISHES. *Proc. N.D. Acad. Sci.* 33: 55. Apr. 1979. Abstract only. SFA 24(3)

71-005367 Schoenherr, A. A. NICHE SEPARATION WITHIN A POPULATION OF FRESHWATER FISHES IN AN IRRIGATION DRAIN NEAR THE SALTON SEA, CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 78 (1): 46-55. Apr. 1979. SFA 24(4)

71-005368 Scholz, A. T.; Cooper, J. C.; Horrall, R. M. and Hasler, A. D. HOMING OF MORPHOLINE-IMPRINTED BROWN TROUT, /SALMO TRUTTA/. *NOAA Fish. Bull.* 76 (1): 293-295. Jan. 1978. SFA 23(3)

71-005369 Scholz, A. T.; Gosse, C. K.; Cooper, J. C.; Horrall, R. M.; Hasler, A. D.; Daly, R. I. and Poff, R. J. HOMING OF RAINBOW TROUT TRANSPLANTED IN LAKE MICHIGAN: A COMPARISON OF THREE PROCEDURES USED FOR IMPRINTING AND STOCKING. *Trans. Am. Fish. Soc.* 107 (3): 439-443. May 1978. SFA 23(4)

71-005370 Scholz, A. T.; Horrall, R. M.; Cooper, J. C.; Hasler, A. D. and Madison, D. M. ARTIFICIAL IMPRINTING OF SALMON AND TROUT IN LAKE MICHIGAN. *Wis. Dep. Nat. Resour. Fish Manage. Rep.* No. 80. 45p. 1975. SFA 21(1).

71-005371 Schooley, J. K. STRUCTURAL ANALYSIS OF ESTUARINE FISH COMMUNITIES. *Bull. Ecol. Soc. Am.* 60 (2): 80. June 1979. Abstract only. SFA 24(4)

71-005372 Scott, D. B. C. and C. E. Currie. SOCIAL HIERARCHY IN RELATION TO ADRENOCORTICAL ACTIVITY IN *XIPHOPHORUS HELLERI* HECKEL. *J. Fish Biol.* 16(3):265-277. Mar. 1980. SFA 25(3)

71-005373 Selset, R. and K. B. Døving. BEHAVIOUR OF MATURE ANADROMOUS CHAR (*SALMO APINUS* L.) TOWARDS ODORANTS PRODUCED BY SMOLTS OF THEIR OWN POPULATION. *Acta Physiol. Scand.* 108(2):113-122. Feb. 1980. SFA 25(3)

71-005374 Serebrov, L. I. THE DISTRIBUTION OF THE YOUNG OF THE MINNOW, /PHOXINUS PHOXINUS/, IN MOVING AND STATIONARY SCHOOLS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):517-520. 1978. SFA 25(1)

71-005375 Serebrov, L. I. RELATIONSHIP BETWEEN SCHOOL DENSITY AND SIZE OF FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 135-140. 1976. SFA 22(3)

71-005376 Shaw, E. SCHOOLING FISHES. *Am. Sci.* 66 (2): 166-175. Mar.-Apr. 1978. SFA 23(3)

71-005377 Sil'va, A. and Saburenkov, Ye. N. A STUDY OF THE ROLE OF IMITATION IN THE "VERKHOVKA", /LEUCASPIUS DELINEATUS/, IN RELATION TO SCHOOLING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):513-517. 1978. SFA 25(1)

71-005378 Silverman, H. I. EFFECTS OF VISUAL SOCIAL STIMULATION ON REPRODUCTION IN /TILAPIA MOSSAMBICA/ (PETERS); PISCES:CICHLIDAE. *Ph.D. dissertation, Univ. Calif. (Davis)* 164p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-005379 Slovin, M. and Rowland, W. J. THE EFFECTS OF COLOR PATTERNS ON THE AGGRESSIVE BEHAVIOR OF /TILAPIA MARIAE/ (BOULENGER). *Behav. Biol.* 24 (3): 378-386. Nov. 1978. SFA 24(2)

71-005380 Slovin, M. I. THE EFFECTS OF VISUAL SIGNALS ON THE BEHAVIOR OF THE CICHLID FISH, /TILAPIA MARIAE/ (BOULENGER). *Ph.D. dissertation, Indiana Univ.* 121p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3197. Jan. 1979. SFA 24(2)

71-005381 Smart, H. J. and Gee, J. H. COEXISTENCE AND RESOURCE PARTITIONING IN TWO SPECIES OF DARTERS (PERCIDAE), /ETHEOSTOMA NIGRUM/ AND /PERCINA MACULATA/. *Can. J. Zool.* 57(10):2061-2071. Oct. 1979. In English with French summ. SFA 25(1)

71-005382 Smith-Grayton, P. K. and Keenleyside, M. H. A. MALE-FEMALE PARENTAL ROLES IN /HEROTILAPIA MULTISPINOSA/ (PISCES: CICHLIDAE). *Anim. Behav.* 26 (2): 520-526. May 1978. SFA 23(4)

71-005383 Smith, R. J. F. ALARM REACTION OF IOWA AND JOHNNY DARTERS (/ETHEOSTOMA/, PERCIDAE, PISCES) TO CHEMICALS FROM INJURED CONSPECIFICS. *Can. J. Zool.* 57 (6): 1278-1282. June 1979. In English with French summ. SFA 24(4)

71-005384 Smith, R. J. F. MALE FATHEAD MINNOWS (/PIMEPHALES PROMELAS/ RAFINESQUE) RETAIN THEIR FRIGHT REACTION TO ALARM SUBSTANCE DURING THE BREEDING SEASON. *Can. J. Zool.* 54 (12): 2330-2331. Dec. 1976. In English with French summ. SFA 22(1)

71-005385 Sohn, J. J. SOCIALLY INDUCED INHIBITION OF GENETICALLY DETERMINED MATURATION IN THE PLATYFISH, /XIPHOPHORUS MACULATUS/. *Science* 195 (4274): 199-201. 14 Jan. 1977. SFA 22(2)

71-005386 Solomon, D. J. A REVIEW OF CHEMICAL COMMUNICATION IN FRESHWATER FISH. *J. Fish Biol.* 11 (4): 363-376. Oct. 1977. SFA 23(1)

71-005387 Spieler, R. E.; Meier, A. H. and Loesch, H. C. PHOTOPERIODIC EFFECTS ON SALINITY SELECTION IN THE GULF KILLIFISH, /FUNDULUS GRANDIS/. *Copeia* 1976 (3): 605-608. Aug. 1976. SFA 21(3).

71-005388 Spigarelli, S. A. and Thommes, M. M. TEMPERATURE SELECTION AND ESTIMATED THERMAL ACCLIMATION BY RAINBOW TROUT (/SALMO GAIRDNERI/) IN A THERMAL PLUME. *J. Fish. Res. Board Can.* 36 (4): 366-376. Apr. 1979. In English with French summ. SFA 24(3)

71-005389 Squire, J. L., Jr. NORTHERN ANCHOVY SCHOOL SHAPES AS RELATED TO PROBLEMS IN SCHOOL SIZE ESTIMATION. *NOAA Fish. Bull.* 76 (2): 443-448. Apr. 1978. SFA 23(4)

71-005390 Stacey, P. B. and Chiszar, D. BODY COLOR PATTERN AND THE AGGRESSIVE BEHAVIOR OF MALE PUMPKINSEED SUNFISH (/LEPOMIS GIBBOSUS/) DURING THE REPRODUCTIVE SEASON. *Behaviour* 64 (3,4):271-297. 1978. In English with German summ. SFA 23(4)

71-005391 Stascheit, M. TEMPERATURE DEPENDENCE OF MEMORY IN FISH. *J. Comp. Ethol.* 51(2):140-152. Oct. 1979. SFA 25(2)

71-005392 Stasko, A. B. and Horrall, R. M. METHOD OF COUNTING TAILBEATS OF FREE-SWIMMING FISH BY ULTRASONIC TELEMETRY TECHNIQUES. *J. Fish. Res. Board Can.* 33 (11): 2596-2598. Nov. 1976. In English with French summ. SFA 21(4).

71-005393 Stauffer, T. M. BEHAVIOR OF AGE-0 AND AGE-I LAKE TROUT UNDER LABORATORY CONDITIONS. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1857. 14p. 28 Feb. 1978. SFA 23(3)

71-005394 Steele, R. G. SPECIES RECOGNITION AND REPRODUCTIVE ISOLATION IN TWO SPECIES OF SUNFISH (CENTRARCHIDAE). *Ph.D. dissertation, Univ. Western Ontario* 1974. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. [Order microfiche copy from the National Library of Canada at Ottawa.] SFA 21(1).

71-005395 Steffel, S.; Dizon, A. E.; Magnuson, J. J. and Neill, W. H. TEMPERATURE DISCRIMINATION BY CAPTIVE FREE-SWIMMING TUNA, /EUTHYNNUS AFFINIS/. *Trans. Am. Fish. Soc.* 105(5):588-591. Sept. 1976. SFA 21(4).

71-005396 Stevens, E. D. THE EFFECT OF TEMPERATURE ON TAIL BEAT FREQUENCY OF FISH SWIMMING AT CONSTANT VELOCITY. *Can. J. Zool.* 57(8):1628-1635. Aug. 1979. In English with French summ. SFA 25(2)

71-005397 Stevens, J. K. and K. E. Parsons. A FISH WITH DOUBLE VISION. *Nat. Hist.* 89(1):62-67. Jan. 1980. SFA 25(4)

71-005398 Stott, B. and Buckley, B. R. AVOIDANCE EXPERIMENTS WITH HOMING SHOALS OF MINNOWS, /PHOXINUS PHOXINUS/ IN A LABORATORY STREAM CHANNEL. *J. Fish Biol.* 14 (2): 135-146. Feb. 1979. SFA 24(3)

71-005399 Stout, J. F. SOUND COMMUNICATION DURING THE REPRODUCTIVE BEHAVIOR OF /NOTROPIS ANALOSTANUS/ (PISCES: CYPRINIDAE). *Am. Midl. Nat.* 94(2):296-325. Oct. 1975. SFA 21(1).

71-005400 Strand, S. W. COMMUNITY STRUCTURE AMONG REEF FISH IN THE GULF OF CALIFORNIA: THE USE OF REEF SPACE AND INTERSPECIFIC FORAGING ASSOCIATIONS. *Ph.D. dissertation, Univ. Calif. (Davis)* 153p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1117. Sept. 1978. SFA 24(1)

71-005401 Stuntz, W. E. HABITAT SELECTION AND GROWTH OF BLUEGILLS. *Ph. D. dissertation, Univ. Wis. (Madison)* 141p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-005402 Sutterlin, A. M.; Jokola, K. J. and Holte, B. SWIMMING BEHAVIOR OF SALMONID FISH IN OCEAN PENS. *J. Fish. Res. Board Can.* 36(8):948-954. Aug. 1979. In English with French summ. SFA 25(1)

71-005403 Suzuki, N. EFFECTS OF DIFFERENT IONIC ENVIRONMENTS ON THE RESPONSES OF SINGLE OLFACTORY RECEPTORS IN THE LAMPREY. *Comp. Biochem. Physiol. A Comp. Physiol.* 61 (3): 461-467. 1978. SFA 24(1)

71-005404 Suzuki, R.; Yamaguchi, M.; Ito, T. and toi, J. CATCHABILITY AND PULLING STRENGTH OF VARIOUS RACES OF THE COMMON CARP CAUGHT BY ANGLING. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 715-718. July 1978. SFA 24(1)

71-005405 Symons, P. E. K. and Heland, M. STREAM HABITATS AND BEHAVIORAL INTERACTIONS OF UNDERYEARLING AND YEARLING ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 35 (2): 175-183. Feb. 1978. In English with French summ. SFA 23(2)

71-005406 Symons, P. E. K. LEAPING BEHAVIOR OF JUVENILE COHO (/ONCORHYNCHUS KISUTCH/) AND ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 35 (6): 907-909. June 1978. In English with French summ. SFA 23(3)

71-005407 Symons, P. E. K. BEHAVIOR AND GROWTH OF JUVENILE ATLANTIC SALMON (/SALMO SALAR/) AND THREE COMPETITORS AT TWO STREAM VELOCITIES. *J. Fish. Res. Board Can.* 33(12):2766-2773. Dec. 1976. In English with French summ. SFA 22(1)

71-005408 Takahashi, T. [THE EFFECTS OF SWEEPING MEMBRANOUS LIGHT ON THE SWIMMING BEHAVIOUR OF FISH.] *Bull. Jpn. Soc. Sci. Fish.* 44 (8):869-874. Aug. 1978. In Japanese with English summ. SFA 24(1)

71-005409 Takamura, K. [UTILIZATION OF HABITAT BY YOUNG PALE CHUB, *ZACCO PLATYPUS* (TEMMINCK ET SCHLEGEL) (PISCES: CYPRINIDAE)]. *Jpn. J. Ecol.* 29(3):295-306. Sept. 1979. In Japanese with English summ. SFA 25(2)

71-005410 Takemura, A.; Takita, T. and Mizue, K. STUDIES ON THE UNDERWATER SOUND--VII. UNDERWATER CALLS OF THE JAPANESE MARINE DRUM FISHES (SCIAENIDAE). *Bull. Jpn. Soc. Sci. Fish.* 44(2):121-125. Feb. 1978. SFA 23(3)

71-005411 Tat'yankin, Yu. V. THE EFFECT OF THE PRELIMINARY ADAPTATION TEMPERATURE ON THE DISTRIBUTION OF JUVENILE COD [/GADUS MORHUA MORHUA/] AND POLLOCK [/POLLACHIUS VIRENS/] WITHIN A TEMPERATURE GRADIENT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):755-760. 1974. SFA 21(2).

71-005412 Terami, H. and Watanabe, M. A NEW FINDING ON THE SETTLING BEHAVIOR OF A CICHLID IN SHELTERS. *Behav. Biol.* 22 (3): 393-397. Mar. 1978. SFA 23(2)

71-005413 Thomson, K. S. and Simanek, D. E. BODY FORM AND LOCOMOTION IN SHARKS. *Am. Zool.* 17 (2): 343-354. 1977. SFA 22(4)

71-005414 Thresher, R. E. PSEUDO-CLEANING BEHAVIOR OF FLORIDA REEF FISHES. *Copeia* 1977 (4): 768-769. 25 Nov. 1977. SFA 23(1)

71-005415 Thresher, R. E. TERRITORIALITY AND AGGRESSION IN THE THREESPOT DAMSELFISH (PISCES; POMACENTRIDAE): AN EXPERIMENTAL STUDY OF CAUSATION. *J. Comp. Ethol.* 46 (4): 401-434. Apr. 1978. SFA 23(4)

71-005416 Thresher, R. E. TERRITORIALITY AND AGGRESSION IN THE THREESPOT DAMSELFISH, /EUPOMACENTRUS PLANIFRONS/ (PISCES; POMACENTRIDAE): AN EXPERIMENTAL STUDY OF CAUSATION. *Ph.D. dissertation, Univ. Miami* 88p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3085. Jan. 1978. SFA 23(3)

71-005417 Thresher, R. E. FIELD EXPERIMENTS ON SPECIES RECOGNITION BY THE THREESPOT DAMSELFISH, /EUPOMACENTRUS PLANIFRONS/, (PISCES: POMACENTRIDAE). *Anim. Behav.* 24 (3): 562-569. Aug. 1976. SFA 21(4)

71-005418 Thresher, R. E. FIELD ANALYSIS OF THE TERRITORIALITY OF THE THREESPOT DAMSELFISH, /EUPOMACENTRUS PLANIFRONS/ (POMACENTRIDAE). *Copeia* 1976 (2): 266-276. May 1976. SFA 21(2).

71-005419 Timms, A. M. INTRASPECIFIC COMMUNICATION IN GOLDFISH. *J. Fish Biol.* 7 (3): 377-389. May 1975. SFA 22(2)

71-005420 Timms, A. M. THE EFFECTS OF VISION ON THE GENERAL LOCOMOTOR BEHAVIOUR OF THE GOLDFISH, /CARASSIUS AURATUS/. *Anim. Behav.* 1976. (2): 376-380. May 1976. SFA 21(2).

71-005421 Tooker, C. P. THE ONTOGENY OF AGONISTIC BEHAVIOR IN THE BLUE GOURAMI, /TRICHOGASTER TRICHOPTERUS/. *Ph.D. dissertation, Okla. State Univ.* 126 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-005422 Trivedi, Y. A STUDY OF THE ASSOCIATIVE BEHAVIOUR OF THE FISH /AMPHIPRION POLYMNUS/ (LINN.) AND SEA ANEMONE /STOICHACTIS GIGANTEUM/ (FORSK.). *J. Bombay Nat. Hist. Soc.* 73 (3): 444-447. Dec. 1976. SFA 23(3)

71-005423 Trump, C. L. and W. C. Leggett. OPTIMUM SWIMMING SPEEDS IN FISH: THE PROBLEM OF CURRENTS. *Can. J. Fish. Aquatic Sci.* 37(7):1086-1092. July 1980. SFA 25(4)

71-005424 Tsvetkov, V. I. and A. N. Danilov. REACTIONS OF THE ROACH, *RUTILUS RUTILUS*, THE MINNOW, *PHOXINUS PHOXINUS*, AND THE "VERKHOVKA", *LEUCASPIUS DELINEATUS*, TO CHANGES IN THEIR BUOYANCY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):136-141. 1979. SFA 25(4)

71-005425 Tzvetkov, V. I. [THE INFLUENCE OF CHANGES IN BUOYANCY OF PHYSOCLISTIC FISHES ON THE EFFICIENCY OF THEIR DEFENSE-FOOD RELATIONS.] *Zool. Zh.* 58(6):871-879. June 1979. In Russian with English summ. SFA 25(1)

71-005426 Ulvestad, D. A. and Zar, J. H. PREFERRED TEMPERATURE OF THE COMMON SHINER, /NOTROPIS CORNUTUS/, IN RELATION TO AGE, SIZE, SEASON, AND NUTRITIONAL STATE. *Ohio J. Sci.* 77 (4): 170-173. July-Aug. 1977. SFA 22(4)

71-005427 Vail, K. F. REACTION TO COLOR PLACEMENT IN /BETTA SPLENDENS/. *J. Tenn. Acad. Sci.* 53 (2): 75. Apr. 1978. Abstract only. SFA 23(3)

71-005428 Venables, B. J.; Fitzpatrick, L. D. and Pearson, W. D. LABORATORY MEASUREMENT OF PREFERRED BODY TEMPERATURE OF ADULT LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *Hydrobiologia* 58 (1): 33-36. 14 Mar. 1978. SFA 23(3)

71-005429 Videler, J. J. and Wardle, C. S. NEW KINEMATIC DATA FROM HIGH SPEED CINE FILM RECORDINGS OF SWIMMING COD (/GADUS MORHUA/). *Neth. J. Zool.* 28 (3,4): 465-484. Sept.-Dec. 1978. SFA 24(2)

71-005430 Vinyard, G. L. and O'Brien, W. J. EFFECTS OF LIGHT AND TURBIDITY ON THE REACTIVE DISTANCE OF BLUEGILL (/LEPOMIS MACROCHIRUS/). *J. Fish. Res. Board Can.* 33 (12): 2845-2849. Dec. 1976. In English with French summ. SFA 22(1)

71-005431 Volkova, L. A. THE ROLE OF THE SCHOOL IN THE FORMING OF DEFENSIVE REFLEXES IN THE JUVENILE BAIKAL OMUL, /COREGONUS AUTUMNALIS MIGRATORIUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 485-490. 1976. SFA 22(4)

71-005432 Waddle, H. R.; Wilson, J. L. and Coutant, C. C. SUMMER HABITAT SELECTION OF STRIPED BASS, /MORONE SAXATILIS/ IN CHEROKEE RESERVOIR, TENNESSEE. *J. Tenn. Acad. Sci.* 54 (2): 74. Apr. 1979. Abstract only. SFA 24(3)

71-005433 Wainwright, S. A.; Vosburgh, F. and Hebrank, J. H. SHARK SKIN: FUNCTION IN LOCOMOTION. *Science* 202(4369):747-749. 17 Nov. 1978. SFA 24(1)

71-005434 Waxman, H. M. and McCleave, J. D. AUTO-SHAPING IN THE ARCHER FISH (/TOXOTES CHATAREUS/). *Behav. Biol.* 22(4):541-544. Apr. 1978. SFA 23(3)

71-005435 Webb, P. W. and J. M. Skadsen. STRIKE TACTICS OF *ESOX*. *Can. J. Zool.* 58(8):1462-1469. Aug. 1980. In English with French summ. SFA 25(4)

71-005436 Webb, P. W. and G. R. Smith. FUNCTION OF THE CAUDAL FIN IN EARLY FISHES. *Copeia* 1980(3):559-562. 6 Sept. 1980. SFA 25(4)

71-005437 Webb, P. W. DOES SCHOOLING REDUCE FAST-START RESPONSE LATENCIES IN TELEOSTS? *Comp. Biochem. Physiol. A Comp. Physiol.* 65(2):231-234. 1980. SFA 25(2)

71-005438 Webb, P. W. FAST-START PERFORMANCE AND BODY FORM IN SEVEN SPECIES OF TELEOST FISH. *J. Exp. Biol.* 74: 211-226. June 1978. SFA 23(4)

71-005439 Webb, P. W. HYDRODYNAMICS AND ENERGETICS OF FISH PROPULSION. *Bull. Fish. Res. Board Can.* 190. 159p. 1975. In English with French summ. SFA 21(2).

71-005440 Webb, P. W. TEMPERATURE EFFECTS ON ACCELERATION OF RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 35 (11): 1417-1422. Nov. 1978. In English with French summ. SFA 24(1)

71-005441 Webb, P. W. THE EFFECT OF SIZE ON THE FAST-START PERFORMANCE OF RAINBOW TROUT /SALMO GAIRDNERI/, AND A CONSIDERATION OF PISCIVOROUS PREDATOR-PREY INTERACTIONS. *J. Exp. Biol.* 65 (1): 157-177. Aug. 1976. SFA 22(3)

71-005442 Weihs, D. RESPIRATION AND DEPTH CONTROL AS POSSIBLE REASONS FOR SWIMMING OF NORTHERN ANCHOVY, *ENGRAULIS MORDAX*, YOLK-SAC LARVAE. *NOAA Fish. Bull.* 78(1):109-117. 1980. SFA 25(4)

71-005443 Weiss, C. S. and Coughlin, J. P. MAINTAINED AGGRESSIVE BEHAVIOR IN GONADECTOMIZED MALE SIAMESE FIGHTING FISH (/BETTA SPLENDENS/). *Physiol. Behav.* 23 (1): 173-177. July 1979. SFA 24(4)

71-005444 Welch, H. E. SWIMMING PERFORMANCE OF ARCTIC CHAR FROM THE SAQVAQJUAC RIVER, NORTHWEST TERRITORIES. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 854. iv + 7p. May 1979. In English with French summ. SFA 24(3)

71-005445 Werner, E. E. and Hall, D. J. FORAGING EFFICIENCY AND HABITAT SWITCHING IN COMPETING SUNFISHES. *Ecology* 60 (2): 256-264. Apr. 1979. SFA 24(4)

71-005446 Werner, E. E.; Hall, D. J.; Laughlin, D. R.; Wagner, D. J.; Wilsmann, L. A. and Funk, F. C. HABITAT PARTITIONING IN A FRESHWATER FISH COMMUNITY. *J. Fish. Res. Board Can.* 34 (3): 360-370. Mar. 1977. In English with French summ. SFA 22(3)

71-005447 Werner, R. G. HOMING MECHANISM OF SPAWNING WHITE SUCKERS IN WOLF LAKE, NEW YORK. *N.Y. Fish Game J.* 26(1):48-58. Jan. 1979. SFA 25(1)

71-005448 Westby, G. W. M. ELECTRICAL COMMUNICATION AND JAMMING AVOIDANCE BETWEEN RESTING /GYMNOTUS CARAPO/. *Behav. Ecol. Sociobiol.* 4 (2): 381-393. 1979. SFA 24(3)

71-005449 Westby, G. W. M. FURTHER ANALYSIS OF THE INDIVIDUAL DISCHARGE CHARACTERISTICS PREDICTING SOCIAL DOMINANCE IN THE ELECTRIC FISH, /GYMNOTUS CARAPO/. *Anim. Behav.* 23(2):249-260. May 1975. SFA 21(1).

71-005450 Westby, G. W. M. COMPARATIVE STUDIES OF THE AGGRESSIVE BEHAVIOUR OF TWO GYMNOTID ELECTRIC FISH (/GYMNOTUS CARAPO/ AND /HYPOPUMUS ARTEDI/). *Anim. Behav.* 23(1):192-213. Feb. 1975. SFA 21(1).

71-005451 Williams, A. H. ECOLOGY OF THREESPOT DAMSELFISH: SOCIAL ORGANIZATION, AGE STRUCTURE, AND POPULATION STABILITY. *J. Exp. Mar. Biol. Ecol.* 34(3):197-213. Oct. 1978. SFA 24(1)

71-005452 Williams, A. H. INTERFERENCE BEHAVIOR AND ECOLOGY OF THREESPOT DAMSELFISH (/EUPOMACENTRUS PLANIFRONS/). *Oecologia (Berl.)* 38 (2): 223-230. 1979. SFA 24(3)

71-005453 Willoughby, N. G. THE BUOYANCY AND ORIENTATION OF THE UPSIDE-DOWN CATFISHES OF THE GENUS /SYNODONTIS/ (PISCES: SILUROIDEI). *J. Zool. (Lond.)* 180 (3): 291-314. Nov. 1976. SFA 22(2)

71-005454 Wilson, D. P. TERRITORIAL BEHAVIOUR OF MALE DRAGONETS (/CALLIONYMUS LYRA/). *J. Mar. Biol. Assoc. U. K.* 58 (3): 731-734. Aug. 1978. SFA 23(4)

71-005455 Winkler, P. THERMAL PREFERENCE OF /GAMBUSIA AFFINIS AFFINIS/ AS DETERMINED UNDER FIELD AND LABORATORY CONDITIONS. *Copeia* 1979 (1): 60-64. 20 Feb. 1979. SFA 24(2)

71-005456 Wolf, D. J. GALVANOTROPIC ORIENTATION OF GOLDFISH (/CARASSIUS AURATUS/). *Ph.D. dissertation, Univ. Ill.* 187p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(1):99. July 1977. SFA 24(1)

71-005457 Wolfe, J. R., Jr.; Helfrich, L. A. and Tipton, A. R. AGONISTIC BEHAVIOR BETWEEN BROOK AND RAINBOW TROUT IN AN ARTIFICIAL STREAM ENVIRONMENT. *Va. J. Sci.* 29 (2): 71. 1978. Abstract only. SFA 24(4)

71-005458 Wootton, R. J. CHANGES IN THE COURTSHIP BEHAVIOUR OF FEMALE THREE-SPINED STICKLEBACKS BETWEEN SPAWNINGS. *Anim. Behav.* 22 (4): 850-855. Nov. 1974. SFA 22(3)

71-005459 Yonemori, T. [MEASUREMENTS ON SWIMMING POWER OF FISH--I. PURPOSE AND METHOD OF MEASUREMENT.] *Bull. Jpn. Soc. Sci. Fish.* 44 (2): 127-130. Feb. 1978. In Japanese with English summ. SFA 23(3)

71-005460 Yonemori, T.; Kawamura, G. and Kabayama, A. OBSERVATION OF HEAD MOVEMENT OF SWIMMING FISH BY THE USE OF STRAIN GAGE IMBEDDED IN FISH BODY. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 277-279. Mar. 1979. SFA 24(4)

71-005461 Zaret, T. M. INHIBITION OF CANNIBALISM IN /CICHLA OCELLARIS/ AND HYPOTHESIS OF PREDATOR MIMICRY AMONG SOUTH AMERICAN FISHES. *Evolution* 31 (2): 421-437. June 1977. SFA 22(4)

71-005462 Zottoli, S. J. CORRELATION OF THE STARTLE REFLEX AND MAUTHNER CELL AUDITORY RESPONSES IN UNRESTRAINED GOLDFISH. *J. Exp. Biol.* 66: 243-254. Feb. 1977. SFA 22(3)

71-005463 Zyznar, E. S.; Larson, W. L. and Ali, M. A. MICROSPECTROPHOTOMETRIC STUDIES ON THE VISUAL PIGMENT IN THE INTACT RETINA OF THE GOLDFISH, /CARASSIUS AURATUS/ (LINN.). *Rev. Can. Biol.* 37 (3): 143-156. Sept. 1978. In English with French summ. SFA 24(2)

LIFE HISTORY-GENERAL WORKS

71-005464 Abdullayev, M. A.; Khakberdiyev, B. and Urchinov, D. BIOLOGY OF THE EUROPEAN CATFISH (/SILURUS GLANIS/) FROM LAKES IN THE LOWER REACHES OF THE ZARAFSHAN RIVER AND KHOREZM PROVINCE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 487-491. 1977. SFA 23(3)

71-005465 Abdurakhmanov, Yu. A. TRANFORMATION OF THE DIADROMOUS KURA SHEMAYA /CHALCALBURNUS CHALCOIDES/ INTO A LAND-LOCKED POPULATION IN THE MINGECHAUR RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 189-196. 1975. SFA 21(3).

71-005466 Able, K. W. and Musick, J. A. LIFE HISTORY, ECOLOGY, AND BEHAVIOR OF /LIPARIS INQUILINUS/ (PISCIS: CYCLOPTERIDAE) ASSOCIATED WITH THE SEA SCALLOP, /PLACOPECTEN MAGELLANICUS/. *NOAA Fish. Bull.* 74 (2): 409-421. Apr. 1976. SFA 21(2).

71-005467 Aceituno, M. E. and Vanicek, C. D. LIFE HISTORY STUDIES OF THE SACRAMENTO PERCH, /ARCHOPLITES INTERRUPTUS/ (GIRARD), IN CALIFORNIA. *Calif. Fish Game* 62(1):5-20. Jan. 1976. SFA 21(1).

71-005468 Adreev, V. L.; Ivankov, V. N. and Bronevskii, A. M. ECOLOGY AND MORPHOLOGICAL CHARACTERISTICS OF THE MALMA TROUT OF THE SOUTHERN KURIL ISLANDS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (1): 43-48. Jan.-Feb. 1978. SFA 24(2)

71-005469 Al-Daham, N. K.; Huq, M. F. and Sharma, K. P. NOTES ON THE ECOLOGY OF FISHES OF THE GENUS /APHANIUS/ AND /GAMBUSIA AFFINIS/ IN SOUTHERN IRAQ. *Freshwater Biol.* 7(3):245-251. June 1977. SFA 22(4)

71-005470 Aldonov, V. K. and Druzhinin, A. D. SOME DATA ON SCAVENGERS (FAMILY LETHRINIDAE) FROM THE GULF OF ADEN REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):527-535. 1978. SFA 25(1)

71-005471 Allan, I. R. H. and Ritter, J. A. SALMONID TERMINOLOGY. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 293-299. Sept. 1977. SFA 23(2)

71-005472 Alt, K. T. CONTRIBUTIONS TO THE LIFE HISTORY OF THE HUMPBACK WHITEFISH IN ALASKA. *Trans. Am. Fish. Soc.* 108 (2): 156-160. Mar. 1979. SFA 24(4)

71-005473 Amanov, A. A. MORPHOLOGY AND MODE OF LIFE OF THE AMUR SNAKEHEAD [/OPHIOCEPHALUS ARGUS WARPACHOWSKII/] IN CHIMKURGAN RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):713-717. 1974. SFA 21(2).

71-005474 Amanov, A. A.; Turdakov, F. A. and Devonov, M. D. THE TURKESTAN CATFISH /GLYPTOSTERNUM RETICULATUM/ OF THE TRIBUTARIES OF THE AMUDAR'YA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 847-855. 1974. SFA 21(2).

71-005475 Anderson, R. M. THE DISTRIBUTION AND ASPECTS OF THE LIFE HISTORY OF *MEDA FULGIDA* IN NEW MEXICO. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:30. 30 Jan. 1980. Abstract only. SFA 25(3)

71-005476 Armstrong, J. W.; Liston, C. R.; Tack, P. I. and Anderson, R. C. AGE, GROWTH, MATURITY, AND SEASONAL FOOD HABITS OF ROUND WHITEFISH, /PROSOPIUM CYLINDRACEUM/, IN LAKE MICHIGAN NEAR LUDINGTON, MICHIGAN. *Trans. Am. Fish. Soc.* 106 (2): 151-155. Mar. 1977. SFA 22(3)

71-005477 Atkinson, R. J. A.; Pullin, R. S. V. and Dipper, F. A. STUDIES ON THE RED BAND FISH, /CEPOLA RUBESCENS/. *J. Zool. (Lond.)* 182 (3): 369-384. July 1977. SFA 22(4)

71-005478 Babayev, N. S. THE BIOLOGICAL CHARACTERISTICS OF THE ARAL ASP, /ASPIUS ASPIUS IBLIOIDES/, FROM THE LOWER REACHES OF THE SYR DARYA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 232-239. 1977. SFA 23(3)

71-005479 Badsha, K. S. and Sainsbury, M. ASPECTS OF THE BIOLOGY AND HEAVY METAL ACCUMULATION OF /CILIATA MUSTELA/. *J. Fish Biol.* 12 (3): 213-220. Mar. 1978. SFA 23(3)

71-005480 Baglin, R. E., Jr. SEX COMPOSITION, LENGTH-WEIGHT RELATIONSHIP, AND REPRODUCTION OF THE WHITE MARLIN, /TETRAPTURUS ALBIDUS/, IN THE WESTERN NORTH ATLANTIC OCEAN. *NOAA Fish. Bull.* 76 (4): 919-926. 1979. SFA 24(2)

71-005481 Baird, D. AGE, GROWTH AND ASPECTS OF REPRODUCTION OF THE MACKEREL, /SCOMBER JAPONICUS/ IN SOUTH AFRICAN WATERS (PISCES: SCOMBRIDAE). *Zool. Afr.* 12 (2): 347-362. 1977. SFA 23(3)

71-005482 Baker, J. R. THE FANTAIL DARTER /ETHEOSTOMA FLABELLARE/ IN THE SALT RIVER DRAINAGE, KENTUCKY. *Trans. Ky. Acad. Sci.* 39 (3-4): 150-159. Sept. 1978. SFA 24(1)

71-005483 Balon, E. K. THE EELS OF LAKE KARIBA: DISTRIBUTION, TAXONOMIC STATUS, AGE, GROWTH AND DENSITY. *J. Fish Biol.* 7(6):797-815. Nov. 1975. SFA 22(2)

71-005484 Balon, E. K., (ed.) CHARRS: SALMONID FISHES OF THE GENUS *SALVELINUS*. *Perspect. Vert. Sci. (Dr. W. Junk bv Publ.)* 1:1-928. Apr. 1980. SFA 25(4)

71-005485 Barbour, S. E.; Rombough, P. J. and Kerekes, J. J. A LIFE HISTORY AND ECOLOGIC STUDY OF AN ISOLATED POPULATION OF "DWARF" OUANANICHE, /SALMO SALAR/, FROM GROS MORNE NATIONAL PARK, NEWFOUNDLAND. *Nat. Can. (Que.)* 106(2):305-311. Mar.-Apr. 1979. In English with French summ. SFA 25(1)

71-005486 Barnabe, G. ETUDE DANS LE MILIEU NATUREL ET EN CAPTIVITE DE L'ECO-ETHOLOGIE DU LOUP /DICENTRARCHUS LABRAX/ (L.) (POISSON SERRANIDAE) A L'AIDE DE NOUVELLES TECHNIQUES. [AN ECO-ETHOLOGICAL STUDY OF THE SEA BASS /DICENTRARCHUS LABRAX/ (L.) (GROUP SERRANIDAE) IN ITS NATURAL ENVIRONMENT AND CAPTIVITY USING NEW TECHNIQUES.] *Ann. Sci. Nat. Zool. Biol. Anim.* 20 (4): 423-502. Oct.-Dec. 1978. In French with English summ. SFA 24(3)

71-005487 Barton, B. A. SPAWNING MIGRATIONS, AGE AND GROWTH, AND SUMMER FEEDING OF WHITE AND LONGNOSE SUCKERS IN AN IRRIGATION RESERVOIR. *Can. Field-Nat.* 94(3):300-304. July-Sept. 1980. SFA 25(4)

71-005488 Bass, D. G., Jr. and Hitt, V. G. ECOLOGICAL ASPECTS OF THE REDBREAST SUNFISH, /LEPOMIS AURITUS/, IN FLORIDA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 296-307. 1975. SFA 21(3).

71-005489 Bayer, R. D. SIZE, SEASONALITY, AND SEX RATIOS OF THE BAY PIPEFISH (*SYNGNATHUS LEPTORHYNCHUS*) IN OREGON. *Northwest Sci.* 54(3):161-167. Aug. 1980. SFA 25(4)

71-005490 Beamish, F. W. H. and Potter, I. C. THE BIOLOGY OF THE ANADROMOUS SEA LAMPREY (/PETROMYZON MARINUS/) IN NEW BRUNSWICK. *J. Zool. (Lond.)* 177 (1): 57-72. Sept. 1975. SFA 22(3)

71-005491 Bednarz, J. C. ECOLOGY AND STATUS OF THE PECOS GAMBUSIA, /GAMBUSIA NOBILIS/ (POECILIIDAE), IN NEW MEXICO. *Southwest. Nat.* 24(2):311-322. 31 July 1979. SFA 25(1)

71-005492 Beecher, H. A. COMPARATIVE FUNCTIONAL MORPHOLOGY AND ECOLOGICAL ISOLATING MECHANISMS IN SYMPATRIC FISHES OF THE GENUS *CARPIODES* IN NORTHWESTERN FLORIDA. *Ph. D. dissertation, Fla. State Univ.* 219p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2557. Dec. 1979. SFA 25(2)

71-005493 Behnke, R. J. and Zarn, M. BIOLOGY AND MANAGMENT OF THREATENED AND ENDANGERED WESTERN TROUTS. *U.S. For. Serv. Gen. Tech. Rep.* RM-28. 45p. 1976. SFA 22(3)

71-005494 Bennett, D. E. and Wydoski, R. S. BIOLOGY OF THE REDTAIL SURFPERCH (/AMPHISTICHUS RHODOTERUS/) FROM THE CENTRAL OREGON COAST. *U.S. Fish Wildl. Serv. Tech. Pap.* 90. 23p. 1977. SFA 22(3)

71-005495 Berkeley, S. A. and Houde, E. D. BIOLOGY OF TWO EXPLOITED SPECIES OF HALFBEAKS, /HEMIRAMPHUS BRASILIENSIS/ AND /H. BALAO/ FROM SOUTHEAST FLORIDA. *Bull. Mar. Sci.* 28(4):624-644. Oct. 1978. SFA 24(2)

71-005496 Berns, S.; Chave, E. H. and Peters, H. M. ON THE BIOLOGY OF /TILAPIA SQUAMIPINNIS/ (GUNTHER) FROM LAKE MALAWI (TELEOSTEI: CICHLIDAE). *Arch. Hydrobiol.* 84 (2): 218-246. 1978. In English with French summ. SFA 24(2)

71-005497 Berrien, P. and Finan, D. BIOLOGICAL AND FISHERIES DATA ON KING MACKEREL, /SCOMBEROMORUS CAVALLA/ (CUVIER). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 8. v + 40p. Nov. 1977. SFA 23(3)

71-005498 Berrien, P. and Finan, D. BIOLOGICAL AND FISHERIES DATA ON SPANISH MACKEREL, /SCOMBEROMORUS MACULATUS/ (MITCHILL). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 9. v + 52p. Nov. 1977. SFA 23(3)

71-005499 Bhatnagar, G. K. ON SOME ASPECTS OF THE BIOLOGY OF /PUNTIUS KOLUS/ (SYKES) OF THE TUNGABHADRA RESERVOIR. *Indian J. Fish.* 10 (2a): 500-520. 1963. SFA 24(3)

71-005500 Bhusari, B. V. BIOLOGY AND FISHERY OF /PSEUDOSCIAENA SINA/ (C.) AT RATNAGIRI, SOUTH MAHARASHTRA. *J. Bombay Nat. Hist. Soc.* 72(2):357-367. Aug. 1975. SFA 22(1)

71-005501 Bishop, K. A. and Bell, J. D. ASPECTS OF THE BIOLOGY OF THE AUSTRALIAN GRAYLING /PROTOTROCTES MARAENA/ GUNTHER (PISCES: PROTOTROCTIDAE). *Aust. J. Mar. Freshwater Res.* 29 (6): 743-761. Dec. 1978. SFA 24(3)

71-005502 Blankenbeckler, D. AGE, GROWTH, MATURATION AND PARASITE OCCURRENCE OF PACIFIC HERRING (/CLUPEA PALLASII/) FROM SOUTHEASTERN ALASKA, 1974 THROUGH 1976. *Alaska Dep. Fish Game Tech. Data Rep.* No. 39. 88p. 1978. SFA 24(4)

71-005503 Boreman, J. G., Jr. LIFE HISTORY AND POPULATION DYNAMICS OF CAYUGA INLET RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Ph.D. Dissertation, Cornell Univ.* 174p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1657. Oct. 1978. SFA 24(4)

71-005504 Bortone, S. A. OBSERVATIONS ON THE LIFE HISTORY OF /DIPLECTRUM PACIFICUM/ AND /D. MACROPOMA/ (PISCES, SERRANIDAE) FROM THE BAY OF PANAMA. *Pac. Sci.* 31 (1): 49-60. Jan. 1977. SFA 22(3)

71-005505 Bowering, W. R. DISTRIBUTION, AGE AND GROWTH, AND SEXUAL MATURITY OF WITCH FLOUNDER (/GLYPTOCEPHALUS CYNOGLOSSUS/) IN NEWFOUNDLAND WATERS. *J. Fish. Res. Board Can.* 33 (7): 1574-1584. July 1976. In English with French summ. SFA 21(3).

71-005506 Bragg, R. J. and Stasiak, R. H. AN ECOLOGICAL STUDY OF THE BLACKNOSE DACE, /RHINICHTHYS ATRATULUS/, IN NEBRASKA. *Proc. Nebr. Acad. Sci. Affil. Soc.* 88: 8. 1978. Abstract only. SFA 23(4)

71-005507 Brandt, S. B. THERMAL ECOLOGY AND ABUNDANCE OF ALEWIFE (*ALOSA PSEUDOHARENGUS*) IN LAKE MICHIGAN. *Ph.D. dissertation, Univ. Wis.* 248p. 1978. From Diss. Abstr. Int. B Sci. Eng. 40(6):2479. Dec. 1979. SFA 25(2)

71-005508 Brazo, D. C.; Liston, C. R. and Anderson, R. C. LIFE HISTORY OF THE LONGNOSE DACE, /RHINICHTHYS CATARACTAE/, IN THE SURGE ZONE OF EASTERN LAKE MICHIGAN NEAR LUDINGTON, MICHIGAN. *Trans. Am. Fish. Soc.* 107 (4): 550-556. July 1978. SFA 24(1)

71-005509 Brothers, E. B. THE COMPARATIVE ECOLOGY AND BEHAVIOR OF THREE SYMPATRIC CALIFORNIA GOBIES. *Ph.D. dissertation, Univ. Calif. (San Diego)* 387p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1).

71-005510 Bruton, M. N. and Boltt, R. E. ASPECTS OF THE BIOLOGY OF /TILAPIA MOSSAMBICA/ PETERS (PISCES:CICHLIDAE) IN A NATURAL FRESHWATER LAKE (LAKE SIBAYA, SOUTH AFRICA). *J. Fish Biol.* 7 (4): 423-445. July 1975. SFA 22(2)

71-005511 Burkov, A. I. and Solovkina, L. N. THE MAIN COMMERCIAL AND BIOLOGICAL INDICATORS OF THE OMUL, /COREGONUS AUTUMNALIS/, FROM THE NORTH EUROPEAN ZOOGEOGRAPHIC REGION, AND THE RESULTS OF TAGGING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 327-331. 1976. SFA 22(3)

71-005512 Burnett-Herkes, J. CONTRIBUTION TO THE BIOLOGY OF THE RED HIND, /EPINEPHELUS GUTTATUS/, A COMMERCIALLY IMPORTANT SERRANID FISH FROM THE TROPICAL WESTERN ATLANTIC. *Ph.D. dissertation, Univ. Miami* 166p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-005513 Burr, B. M. and Page, L. M. THE LIFE HISTORY OF THE CYPRESS DARTER, /ETHEOSTOMA PROELIARE/, IN MAX CREEK, ILLINOIS. *Ill. Nat. Hist. Surv. Biol. Notes* No. 106. 15p. July 1978. SFA 25(1)

71-005514 Burr, B. M. and Page, L. M. THE LIFE HISTORY OF THE CYPRESS DARTER, /ETHEOSTOMA PROELIARE/, IN MAX CREEK, ILLINOIS. *Ill. Nat. Hist. Surv. Biol. Notes* No. 106. 15p. July 1978. SFA 24(1)

71-005515 Burr, B. M. THE BANTOM SUNFISH, /LEPOMIS SYMMETRICUS/: SYSTEMATICS AND DISTRIBUTION, AND LIFE HISTORY IN WOLF LAKE, ILLINOIS. *Ill. Nat. Hist. Surv. Bull.* 31 (10): 433-466. Sept. 1977. SFA 23(1)

71-005516 Cadwallader, P. L. INTRODUCTION OF RUDD /SCARDINIUS ERYTHROPHTHALMUS/ INTO NEW ZEALAND. 1. REVIEW OF THE ECOLOGY OF RUDD AND THE IMPLICATIONS OF ITS INTRODUCTION INTO NEW ZEALAND. *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 147. p. 1-18. 1977. SFA 23(2)

71-005517 Cailliet, G. M. and Lea, R. N. ABUNDANCE OF THE "RARE" ZOARCID, /MAYNEA CALIFORNICA/ GILBERT, 1915, IN THE MONTEREY CANYON, MONTEREY BAY, CALIFORNIA. *Calif. Fish Game* 63 (4): 253-261. Oct. 1977. SFA 23(2)

71-005518 Campbell, R. D. and Branson, B. A. ECOLOGY AND POPULATION DYNAMICS OF THE BLACK BULLHEAD, /ICTALURUS MELAS/ (RAFINESQUE), IN CENTRAL KENTUCKY. *Tulane Stud. Zool. Bot.* 20 (3-4): 99-136. 25 Aug. 1978. SFA 23(4)

71-005519 Campbell, R. N. FEROX TROUT, /SALMO TRUTTA/ L., AND CHARR, /SALVELINUS ALPINUS/ (L.), IN SCOTTISH LOCHS. *J. Fish Biol.* 14 (1): 1-29. Jan. 1979. SFA 24(2)

71-005520 Capapé, C. LA TORPILLE MARBRÉE, *TORPEDO MARMORATA* RISSO, 1810 (PISCES, RAJIFORMES) DES CÔTES TUNISIENNES: NOUVELLES DONNÉES SUR L'ÉCOLOGIE ET LA BIOLOGIE DE LA REPRODUCTION DE L'ESPÈCE, AVEC UNE COMPARAISON ENTRE LES POPULATIONS MÉDITERRANÉENNES ET ATLANTIQUES. [THE MARBLE RAY, *TORPEDO MARMORATA* RISSO 1810 (PISCES, RAJIFORMES) OF THE TUNISIAN COASTS: NEW DATA ON ECOLOGY AND BIOLOGY OF REPRODUCTION OF THE SPECIES WITH A COMPARISON BETWEEN MEDITERRANEAN AND ATLANTIC POPULATIONS.] *Ann. Sci. Nat. (Zool.) 13 Ser.* 1(2):79-97. Apr.-June 1979. In French with English summ. SFA 25(2)

71-005521 Carlson, H. R. and Haight, R. E. JUVENILE LIFE OF PACIFIC OCEAN PERCH, /SEBASTES ALUTUS/, IN COASTAL FIORDS OF SOUTHEASTERN ALASKA: THEIR ENVIRONMENT, GROWTH, FOOD HABITS, AND SCHOOLING BEHAVIOR. *Trans. Am. Fish. Soc.* 105 (2): 191-201. Mar. 1976. SFA 21(2).

71-005522 Carscadden, J. E. and Leggett, W. C. LIFE HISTORY VARIATIONS IN POPULATIONS OF AMERICAN SHAD, /ALOSA SAPIDISSIMA/ (WILSON), SPAWNING IN TRIBUTARIES OF THE ST. JOHN RIVER, NEW BRUNSWICK. *J. Fish Biol.* 7 (5): 595-609. Sept. 1975. SFA 22(2)

71-005523 Case, G. R.; V. R. Koestler and R. J. Koestler. THE SHORTCHANGED SHARK. *Underwater Nat.* 12(2):10-14. 1980. SFA 25(2)

71-005524 Castello, J. P. and L. C. Krug. DISTRIBUTION, GROWTH AND SPAWNING GROUPS OF THE MANJUBA (*LYCENGRAULIS GROSSIDENS*) IN THE ESTUARY OF THE LAGOA DOS PATOS - RIO GRANDE DO SUL - BRAZIL. *Atlântica* (Rio Grande) 3:33-46. 1978. In English with Portuguese summ. SFA 25(4)

71-005525 Chakrabarty, R. D. and Singh, S. B. OBSERVATIONS ON SOME ASPECTS OF THE FISHERY AND BIOLOGY OF THE MRIGAL, /CIRRHINA MRIGALA/ (HAMILTON) FROM ALLAHABAD. *Indian J. Fish.* 10 (1a): 209-232. 1963. SFA 24(3)

71-005526 Chandler, G. T. LIFE HISTORY ASPECTS OF THE FEATHER BLENNY, *HYPSOBLENNIUS HENTZ*. *J. Elisha Mitchell Sci. Soc.* 95(2):79-80. 1979. Abstract only. SFA 25(4)

71-005527 Chao, L. N. and Musick, J. A. LIFE HISTORY, FEEDING HABITS, AND FUNCTIONAL MORPHOLOGY OF JUVENILE SCIAENID FISHES IN THE YORK RIVER ESTUARY, VIRGINIA. *NOAA Fish. Bull.* 75 (4): 627-702. Oct. 1977. SFA 23(2)

71-005528 Chao, L. N. ASPECTS OF SYSTEMATICS, MORPHOLOGY, LIFE HISTORY AND FEEDING OF WESTERN ATLANTIC SCIAENIDAE (PISCES:PERCIFORMES). *Ph.D. dissertation, Coll. William and Mary in Va.* 351 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-005529 Chapman, D. W. and van Well, P. OBSERVATIONS ON THE BIOLOGY OF /LUCIOLATES STAPPERSI/ IN LAKE TANGANYIKA (TANZANIA). *Trans. Am. Fish. Soc.* 107 (4): 567-573. July 1978. SFA 24(1)

71-005530 Chave, E. H. GENERAL ECOLOGY OF SIX SPECIES OF HAWAIIAN CARDINALFISHES. *Pac. Sci.* 32 (3): 245-270. July 1978. SFA 24(2)

71-005531 Chew, R. L. EARLY LIFE HISTORY OF THE FLORIDA LARGEMOUTH BASS. *Fla. Game Freshwater Fish Comm. Fish Bull.* No. 7. 76p. 1974. SFA 21(1).

71-005532 Chew, R. L. THE FLORIDA LARGEMOUTH BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 450-458. 1975. SFA 21(3).

71-005533 Ching, C. V. STUDIES ON THE SMALL GREY MULLET /LIZA MALINOPTERA/ (VALENCIENNES). *J. Fish Biol.* 11 (3): 293-308. Sept. 1977. SFA 23(1)

71-005534 Chittenden, M. E., Jr. WEIGHT LOSS, MORTALITY, FEEDING, AND DURATION OF RESIDENCE OF ADULT AMERICAN SHAD, /ALOSA SAPIDISSIMA/, IN FRESH WATER. *NOAA Fish. Bull.* 74(1):151-157. Jan. 1976. SFA 21(1).

71-005535 Claridge, P. N. and Gardner, D. C. THE BIOLOGY OF THE NORTHERN ROCKLING, /CILIATA SEPTENTRIONALIS/, IN THE SEVERN ESTUARY AND BRISTOL CHANNEL. *J. Mar. Biol. Assoc. U.K.* 57 (3): 839-848. Aug. 1977. SFA 23(1)

71-005536 Clay, D. POPULATION BIOLOGY, GROWTH AND FEEDING OF AFRICAN CATFISH (*CLARIAS GARIEPINUS*) WITH SPECIAL REFERENCE TO JUVENILES AND THEIR IMPORTANCE IN FISH CULTURE. *Arch. Hydrobiol.* 87(4):453-482. 1979. SFA 25(2)

71-005537 Coble, D. W. SMALLMOUTH BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 21-33. 1975. SFA 21(3).

71-005538 Colin, P. L. and Arneson, D. W. ASPECTS OF THE NATURAL HISTORY OF THE SWORDTAIL JAWFISH, /LONCHOPISTHUS MICROGNATHUS/ (POEY) (PISCES: OPISTOGNATHIDAE), IN SOUTH-WESTERN PUERTO RICO. *J. Nat. Hist.* 12 (6): 689-697. Nov.-Dec. 1978. SFA 24(1)

71-005539 Colle, D. E.; Shireman, J. V. and Manuel, D. K. AGE, GROWTH, CONDITION AND FOOD HABITS OF LARGEMOUTH BASS COLLECTED FROM A LOUISIANA COASTAL FRESHWATER MARSH. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:259-268. 1976[1978]. SFA 24(1)

71-005540 Collette, B. B.; Ali, M. A.; Hokanson, K. E. F.; Nagiec, M.; Smirnov, S. A.; Thorpe, J. E.; Weatherley, A. H. and Willemsen, J. BIOLOGY OF THE PERCIDS. *J. Fish. Res. Board Can.* 34 (10): 1890-1899. Oct. 1977. In English with French summ. SFA 23(1)

71-005541 Constantz, G. D. LIFE HISTORY STRATEGY OF THE GILA TOPMINNOW, /POECILIOPSIS OCCIDENTALIS/: A FIELD EVALUATION OF THEORY ON THE EVOLUTION OF LIFE HISTORIES. *Ph. D. dissertation, Ariz. State Univ.* 103p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-005542 Coon, J. C. MOVEMENT, DISTRIBUTION, ABUNDANCE AND GROWTH OF WHITE STURGEON IN THE MID-SNAKE RIVER. *Ph.D. dissertation, Univ. Idaho* 83p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2588. Dec. 1978. SFA 24(2)

71-005543 Copes, F. A. ECOLOGY OF THE BRASSY MINNOW *HYBOGNATHUS HANKINSONI* (CYPRINIDAE). *Mus. Nat. Hist. Univ. Wis. (Stevens Point) Rep. Fauna Flora Wis.* No. 10(part 3). p. 47-72. 1975. SFA 25(2)

71-005544 Copes, F. C. ECOLOGY OF THE CREEK CHUB. *Mus. Nat. Hist. Univ. Wis. (Stevens Point) Rep. Fauna Flora Wis.* No. 12. 21p. 30 Apr. 1978. SFA 25(2)

71-005545 Copes, F. C. ECOLOGY OF THE CREEK CHUB. *Univ. Wis. Stevens Point Mus. Nat. Hist. Rep. Fauna Flora Wis.* No. 12. 21p. 30 Apr. 1978. SFA 23(3)

71-005546 Coulter, G. W. THE BIOLOGY OF /LATES/ SPECIES (NILE PERCH) IN LAKE TANGANYIKA, AND THE STATUS OF THE PELAGIC FISHERY FOR /LATES/ SPECIES AND /LUCIOLATES STAPPERSII/ (BLGR.). *J. Fish Biol.* 9(3):235-259. Sept. 1976. SFA 22(2)

71-005547 Craig, P. C. and Wells, J. LIFE HISTORY NOTES FOR A POPULATION OF SLIMY SCULPIN (/COTTUS COGNATUS/) IN AN ALASKAN ARCTIC STREAM. *J. Fish. Res. Board Can.* 33 (7): 1639-1642. July 1976. In English with French summ. SFA 21(3).

71-005548 Crone, R. A. and Bond, C. E. LIFE HISTORY OF COHO SALMON, /ONCORHYNCHUS KISUTCH/, IN SASHIN CREEK, SOUTHEASTERN ALASKA. *NOAA Fish. Bull.* 74 (4): 897-923. Oct. 1976. SFA 22(2)

71-005549 Curtis, M. THE BIOLOGY AND GROWTH OF MONTANA GRAYLING /THYMALLUS ARCTICUS/, IN WYOMING. *J. Colo.-Wyo. Acad. Sci.* 9 (1) 9. Apr. 1977. SFA 22(4)

71-005550 Dadswell, M. J. BIOLOGY AND POPULATION CHARACTERISTICS OF THE SHORTNOSE STURGEON, *ACIPENSER BREVIROSTRUM* LESUEUR 1818 (OSTEICHTHYES: ACIPENSERIDAE), IN THE SAINT JOHN RIVER ESTUARY, NEW BRUNSWICK, CANADA. *Can. J. Zool.* 57(11):2186-2210. Nov. 1979. In English with French summ. SFA 25(2)

71-005551 Daniels, R. A. and Moyle, P. B. BIOLOGY, DISTRIBUTION AND STATUS OF /COTTUS ASPERRIMUS/ IN THE PIT RIVER DRAINAGE, NORTHEASTERN CALIFORNIA. *Copeia* 1978 (4): 673-679. 28 Dec. 1978. SFA 24(2)

71-005552 Dauble, D. D. LIFE HISTORY OF THE BRIDGELIP SUCKER IN THE CENTRAL COLUMBIA RIVER. *Trans. Am. Fish. Soc.* 109(1):92-98. Jan. 1980. SFA 25(2)

71-005553 David, A. and Rahman, M. F. STUDIES ON SOME ASPECTS OF FEEDING AND BREEDING OF /PUNTIUS PULCHELLUS/ (DAY) AND ITS UTILITY IN CULTURABLE WATERS. *J. Inland Fish. Soc. India* 7: 225-238. Dec. 1975. SFA 24(3)

71-005554 David, A. FISHERY BIOLOGY OF THE SCHILBEID CAT-FISH, /PANGASIUS PANGASIUS/ (HAMILTON) AND ITS UTILITY AND PROPAGATION IN CULTURE PONDS. *Indian J. Fish.* 10 (2a): 521-600. 1963. SFA 24(3)

71-005555 De Silva, S. S. and Silva, E. I. L. BIOLOGY OF YOUNG GREY MULLET, /MUGIL CEPHALUS/ L., POPULATIONS IN A COASTAL LAGOON IN SRI LANKA. *J. Fish Biol.* 15(1):9-20. July 1979. SFA 25(1)

71-005556 De Silva, S. S. and Kortmulder, K. SOME APSECTS OF THE BIOLOGY OF THREE SPECIES OF /PUNTIUS/ (= /BARBUS/) (PISCES, CYPRINIDAE), ENDEMIC TO SRI LANKA. *Neth. J. Zool.* 27 (2): 182-194. June 1977. SFA 23(1)

71-005557 Dees, L. T. SEA LAMPREY. *U.S. Fish Wildl. Serv. Great Lakes Fish. Lab. Contrib.* 546. 7p. 1980. SFA 25(2)

71-005558 DeMartini, E. E. and M. E. Anderson. COMPARATIVE SURVIVORSHIP AND LIFE HISTORY OF PAINTED GREENLING (*OXYLEBIUS PICTUS*) IN PUGET SOUND, WASHINGTON AND MONTEREY BAY, CALIFORNIA. *Environ. Biol. Fishes* 5(1):33-47. 30 Jan. 1980. SFA 25(3)

71-005559 Denoncourt, R. F.; Hocutt, C. H. and Stauffer, J. R., Jr. NOTES ON THE HABITAT, DESCRIPTION AND DISTRIBUTION OF THE SHARPNOSE DARTER, /PERCINA OXYRHYNCHA/. *Copeia* 1977 (1): 168-171. 16 Mar. 1977. SFA 22(3)

71-005560 Desai, V. R. STUDIES ON FISHERY AND BIOLOGY OF /TOR TOR/ (HAMILTON) FROM RIVER NARMADA. II. MATURITY, FECUNDITY AND LARVAL DEVELOPMENT. *Proc. Indian Natl. Sci. Acad. B* 39 (2): 228-248. Apr. 1973. SFA 24(3)

71-005561 Dew, C. B. A CONTRIBUTION TO THE LIFE HISTORY OF THE CUNNER, /TAUTOGOLABRUS ADSPERSUS/, IN FISHERS ISLAND SOUND, CONNECTICUT. *Chesapeake Sci.* 17 (2): 101-113. June 1976. SFA 21(2).

71-005562 Dewberry, T. C. SOME ASPECTS OF THE POPULATION ECOLOGY OF THE SMALLMOUTH BASS IN A SMALL MICHIGAN STREAM. *M.S. thesis, Mich. State Univ.* 75p. 1978. From Masters Abstr. 17(4):246. Dec. 1979. SFA 25(2)

71-005563 Dombeck, M. P. MOVEMENT AND BEHAVIOR OF THE MUSKELLUNGE DETERMINED BY RADIO-TELEMETRY. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 113. 19p. 1979. SFA 25(1)

71-005564 Druzhinin, A. D. and N. A. Filatova. SOME DATA ON *PLECTORHINCHUS PICTUS* OF THE FAMILY POMADASYIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):154-155. 1979. SFA 25(3)

71-005565 Druzhinin, A. D. and N. A. Filatova. SOME DATA ON CROAKERS (FAMILY SCIAENIDAE) OF THE GULF OF ADEN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):149-151. 1979. SFA 25(4)

71-005566 Druzhinin, A. D. THE PACIFIC CORNETFISH (/FISTULARIA PETIMBA/) (FAMILY FISTULARIIDAE) FROM THE GULF OF ADEN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 476-479. 1977. SFA 23(3)

71-005567 Druzhinin, A. D. and Busakhin, S. V. SOME DATA ON /GYMNOCRANIUS GRISEUS/ FROM THE NORTHWESTERN INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 148-150. 1977. SFA 23(3)

71-005568 Druzhinin, A. D. SOME DATA ON THE SPOTTED DREPANE (/DREPANE PUNCTATA/) OF THE ANDAMAN AND ARABIAN SEAS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 945-950. 1977. SFA 24(1)

71-005569 Druzhinin, A. D. SOME DATA ON SPARID FISHES (FAM. SPARIDAE) OF THE GULF OF ADEN REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 531-541. 1975. SFA 21(3).

71-005570 Druzhinin, A. D. NOTES ON THE ECOLOGY OF /CALAMUS BRACHYSOMUS/ (PISCES, SPARIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 317-319. 1976. SFA 22(3)

71-005571 DuRant, D. F.; Shireman, J. V. and Gasaway, R. D. REPRODUCTION, GROWTH AND FOOD HABITS OF SEMINOLE KILLIFISH, /FUNDULUS SEMINOLIS/, FROM TWO CENTRAL FLORIDA LAKES. *Am. Midl. Nat.* 102(1):127-133. July 1979. SFA 25(1)

71-005572 Durbin, A. G. THE ROLE OF FISH MIGRATION IN TWO COASTAL ECOSYSTEMS: 1. THE ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/, IN NARRAGANSETT BAY, R.I. 2. THE ANADROMOUS ALEWIFE, /ALOSA PSEUDOHARENGUS/, IN RHODE ISLAND PONDS. *Ph.D. dissertation, Univ. R. I.* 235 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-005573 Durkee, P.; Paulson, B. and Bellig, R. SHOVELNOSE STURGEON (/SCAPHIRHYNCHUS PLATORHYNCHUS/) IN THE MINNESOTA RIVER. *J. Minn. Acad. Sci.* 45(2):18-20. 1979. SFA 25(1)

71-005574 Eddy, S. B. and Lankester, M. W. FEEDING AND MIGRATORY HABITS OF ARCTIC CHAR, /SALVELINUS ALPINUS/, INDICATED BY THE PRESENCE OF THE SWIMBLADDER NEMATODE /CYSTIDICOLA CRISTIVOMERI/ WHITE. *J. Fish. Res. Board Can.* 35(11):1488-1491. Nov. 1978. In English with French summ. SFA 24(1)

71-005575 Elder, R. D. STUDIES ON AGE AND GROWTH, REPRODUCTION, AND POPULATION DYNAMICS OF RED GURNARD, /CHELIDONICHTHYS DUMU/ (LESSON AND GARNOT), IN THE HAURAKI GULF, NEW ZEALAND. *N. Z. Minist. Agric. Fish. Fish. Res. Bull.* no. 12. 77p. 1976. SFA 21(3).

71-005576 Eldon, G. A. BREEDING, GROWTH, AND AESTIVATION OF THE CANTERBURY MUDFISH, *NEOCHANNA BURROWSIUS* (SALMONIFORMES: GALAXIIDAE). *N.Z. Mar. Freshwater Res.* 13(3):331-346. 1979. SFA 25(2)

71-005577 Eldon, G. A. HABITAT AND INTERSPECIES RELATIONSHIPS OF THE CANTERBURY MUDFISH, /NEOCHANNA BURROWSIUS/ (SALMONIFORMES: GALAXIIDAE). *N.Z. J. Mar. Freshwater Res.* 13(1):111-119. 1979. SFA 25(1)

71-005578 Eleftheriou, A. SANDY BEACHES AS FLATFISH NURSERIES. *Scott. Fish. Bull.* 45:23-26. 1979. SFA 25(1)

71-005579 Ellis, C. M. A. BIOLOGY OF /LUCIOLATES STAPPERSI/ IN LAKE TANGANYIKA (BURUNDI). *Trans. Am. Fish. Soc.* 107 (4): 557-566. July 1978. SFA 24(1)

71-005580 Erickson, J. E. THE LIFE HISTORY OF THE BANDED DARTER, /ETHEOSTOMA ZONALE ZONALE/ (COPE), IN THE CANNON RIVER, MINNESOTA. *Ph.D. dissertation, Univ. Minn.* 149p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2569. Dec. 1977. SFA 23(3)

71-005581 Etchevers, S. L. CONTRIBUTION TO THE BIOLOGY OF THE SEA CATFISH, /ARIUS SPIXII/ (AGASSIZ) (PISCES-ARIIDAE), SOUTH OF MARGARITA ISLAND, VENEZUELA. *Bull. Mar. Sci.* 28 (2): 381-385. Apr. 1978. SFA 23(3)

71-005582 Etchevers, S. L. CONTRIBUTION TO THE BIOLOGY OF /DIAPTERUS RHOMBEUS/ (CUVIER) (PISCES-GERRIDAE), SOUTH OF MARGARITA ISLAND, VENEZUELA. *Bull. Mar. Sci.* 28 (2): 385-389. Apr. 1978. SFA 23(3)

71-005583 Evans, L. and Tarter, D. ECOLOGICAL LIFE HISTORY OF THE GRASS PICKEREL, /ESOX AMERICANUS VERMICULATUS/, IN A WEST VIRGINIA STREAM. *Proc. W. Va. Acad. Sci.* 48 (1): 4. 1976. Abstract only. SFA 21(2).

71-005584 Fahay, M. P. BIOLOGICAL AND FISHERIES DATA ON AMERICAN EEL, /ANGUILLA ROSTRATA/ (LASUEUR). *Sandy Hook Lab. Tech. Ser. Rep.* No. 17. ix + 84p. Aug. 1978. SFA 24(1)

71-005585 Farwell, M. K.; Green, J. M. and Pepper, V. A. DISTRIBUTION AND KNOWN LIFE HISTORY OF /STICHAEUS PUNCTATUS/ IN THE NORTHWEST ATLANTIC. *Copeia* 1976(3):598-602. Aug. 1976. SFA 21(3).

71-005586 Fedorenko, A. Y. and Fraser, F. J. A REVIEW OF THE BIOLOGY OF GRASS CARP (/CTENOPHARYNGODON IDELLA/, VAL.) AND ITS EVALUATION AS A POTENTIAL WEED CONTROL AGENT IN BRITISH COLUMBIA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 786. iv + 15p. Sept. 1978. In English with French summ. SFA 24(2)

71-005587 Fedorova, G. V. and Vetkasov, S. A. BIOLOGICAL CHARACTERISTICS AND ABUNDANCE OF THE LAKE IL'MEN' ROACH /RUTILUS RUTILUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 723-729. 1976. SFA 23(2)

71-005588 Fedorova, G. V. and Vetkasov, S. A. THE BIOLOGICAL CHARACTERISTICS AND ABUNDANCE OF THE LAKE ILMEN RUFFE, /ACERINA CERNUA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):836-841. 1974. SFA 21(2).

71-005589 Fedorova, G. V. and Vetkasov, S. A. THE BIOLOGY AND ABUNDANCE OF THE PERCH, /PERCA FLUVIATILIS/ FROM LAKE IL'MEN'. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(6):906-912. 1975. SFA 22(1)

71-005590 Flynn, R. B. and Hoyt, R. D. THE LIFE HISTORY OF THE TEARDROP DARTER, /ETHEOSTOMA BARBOURI/ KUEHNE AND SMALL. *Am. Midl. Nat.* 101 (1): 127-141. Jan. 1979. SFA 24(4)

71-005591 Folz, D. LIVING FOSSIL. *Wis. Nat. Resour.* 3(2):4-7. Mar.-Apr. 1979. SFA 24(3)

71-005592 Fortin, R. QUELQUES ASPECTS DE LA BIOLOGIE DU GRAND COREGONE /COREGONUS CLUPEAFORMIS/ DES LACS HELENE ET NATHALIE, TERRITOIRE DE LA BAIE JAMES. [SOME ASPECTS OF THE BIOLOGY OF LAKE WHITEFISH /COREGONUS CLUPEAFORMIS/ OF LAKES HELENE AND NATHALIE, JAMES BAY DISTRICT.] *Can. J. Zool.* 56 (6): 1402-1411. June 1978. In French with English summ. SFA 23(4)

71-005593 Freeman, B. L. and Turner, S. C. BIOLOGICAL AND FISHERIES DATA ON TILEFISH, /LOPHOLATILUS CHAMAELEONTICEPS/ GOODE AND BEAN. *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 5. v + 41p. May 1977. SFA 23(3)

71-005594 Gaigher, I. G. THE ECOLOGY OF A MINNOW, /BARBUS TREVELYANI/ (PISCES, CYPRINIDAE) IN THE TYUME RIVER, EASTERN CAPE. *Ann. Cape Prov. Mus. Nat. Hist.* 11 (1): 1-19. 30 Sept. 1975. SFA 22(3)

71-005595 Galbreath, J. COLUMBIA RIVER COLOSSUS THE WHITE STURGEON. *Oreg. Wildl.* 34(3):3-8. Mar. 1979. SFA 24(2)

71-005596 Gatz, A. J., Jr. THE ECOLOGY OF FISHES IN THREE STREAMS IN NORTH CAROLINA. *Ph.D. dissertation, Duke Univ.* 361p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-005597 Gavlena, F. K. THE "BIGHEAD GOBY", /NEOGOBIUS KESSLERI/, IN VOLGOGRAD RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 318-319. 1977. SFA 23(3)

71-005598 Gaygalas, K. S.; Blatnene, D. P. and Pyatravichyute, G. V. ON SOME MORPHOECOLOGICAL PECULIARITIES, POPULATION STRUCTURE AND EXPLOITATION OF STOCKS OF THE WHITE BREAM, /BLICCA BJOEKRNA/, IN COURLAND LAGOON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):386-393. 1978. SFA 25(1)

71-005599 Gaygalas, K. S. ECOLOGICAL PECULIARITIES AND FISHERIES SIGNIFICANCE OF THE SICHEL, *PELECUS CULTRATUS*, IN THE COURLAND LAGOON BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):74-81. 1979. SFA 25(3)

71-005600 Gaygalas, K. S. MORPHO-ECOLOGICAL CHARACTERISTICS AND ECONOMIC IMPORTANCE OF THE ASP (/ASPIUS ASPIUS/) IN THE BASIN OF THE KURSHYU MARES (COURLAND LAGOON). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(6):856-863. 1977. SFA 24(1)

71-005601 Gaygalas, K. S. THE THREESPINE STICKLEBACK [/GASTEROSTEUS ACULEATUS/] OF THE KURSHYU MARES (COURLAND LAGOON). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):706-712. 1974. SFA 21(2).

71-005602 Gaygalas, K. S. and Gyarulaytis, A. B. THE ECOLOGY OF THE PIKE-PERCH (/LUCIOPERCA LUCIOPERCA/) IN THE KURSHYU MARES BASIN, THE STATE OF ITS STOCKS AND FISHERY REGULATION MEASURES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):514-525. 1974. SFA 21(2).

71-005603 Gee, J. M. THE GENUS /XENOCLARIAS/ (PISCES, SILURIFORMES) IN LAKE VICTORIA, WITH A REDESCRIPTION OF /XENOCLARIAS EUPOGON/ AND NOTES ON THE BIOLOGY OF THE SPECIES. *J. Zool. (Lond.)* 175 (2): 201-217. Feb. 1975. SFA 22(2)

71-005604 Germann, J. F.; McSwain, L. E.; Holder, D. R. and Swanson, C. D. LIFE HISTORY OF WARMOUTH IN THE SUWANNEE RIVER AND OKEFENOKEE SWAMP, GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 259-278. 1975. SFA 21(3).

71-005605 Gibson, R. N. and I. A. Ezzi. ASPECTS OF THE BIOLOGY OF THE SPOTTED DRAGONET *CALLIONYMUS MACULATUS* RAFINESQUE-SCHMALTZ FROM THE WEST COAST OF SCOTLAND. *J. Fish Biol.* 15(5):555-569. Nov. 1979. SFA 25(2)

71-005606 Gibson, R. N. and Ezzi, I. A. THE BIOLOGY OF A SCOTTISH POPULATION OF FRIES' GOBY, /LESUERIGOBIUS FRIESII/. *J. Fish Biol.* 12 (4): 371-389. Apr. 1978. SFA 23(3)

71-005607 Gilmore, R. G. NOTES ON THE OPOSSUM PIPEFISH, /OOSTETHUS LINEATUS/, FROM THE INDIAN RIVER LAGOON AND VICINITY, FLORIDA. *Copeia* 1977 (4): 781-783. 25 Nov. 1977. SFA 23(1)

71-005608 Glazier, J. R. and C. A. Taber. REPRODUCTIVE BIOLOGY AND AGE AND GROWTH OF THE OZARK MINNOW, *DIONDA NUBILA*. *Copeia* 1980(3):547-550. 6 Sept. 1980. SFA 25(4)

71-005609 Goeden, G. B. A MONOGRAPH OF THE CORAL TROUT /PLECTROPOMUS LEOPARDUS/ (LACEPEDE). *Queensland Fish. Serv. Res. Bull.* No. 1. 42p. 1978. SFA 24(4)

71-005610 Golovan', G. A. and Pakhorukov, N. P. SOME DATA ON THE MORPHOLOGY AND ECOLOGY OF /ALEPOCEPHALUS BAIRDI/ (ALEPOSEPHALIDAE) OF THE CENTRAL AND EASTERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(1):44-50. 1975. SFA 21(2).

71-005611 Gorbunova, N. N. THE CLASSIFICATION AND DISTRIBUTION OF THE LARVAE OF INDO-PACIFIC SPECIES OF BILLFISHES FROM THE FAMILY ISTIOPHORIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 437-452. 1976. SFA 23(1)

71-005612 Gordina, A. D.; Duka, L. A. and Oven, L. S. SEXUAL DIMORPHISM, FEEDING AND REPRODUCTION OF /GOBIUS BUCCHICHI/ IN THE BLACK SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 533-538. 1974. SFA 21(2).

71-005613 Gordon, J. D. M. and Duncan, J. A. R. SOME NOTES ON THE BIOLOGY OF THE SNAKE BLENNY, /LUMPENUS LAMPRETAEFORMIS/ ON THE WEST COAST OF SCOTLAND. *J. Mar. Biol. Assoc. U.K.* 59 (2): 413-419. May 1979. SFA 24(4)

71-005614 Gordon, J. D. M. THE FISH POPULATIONS IN INSHORE WATERS OF THE WEST OF SCOTLAND. THE BIOLOGY OF THE NORWAY POUT (/TRISOPTERUS ESMARKII/). *J. Fish Biol.* 10 (5): 417-430. May 1977. SFA 22(3)

71-005615 Goto, A.; K. Oishi and K. Takata. [BREEDING HABITS. GROWTH AND FOOD OF THE NINESPINE STICKLEBACK, *PUNGITIUS PUNGITIUS* (L.) IN AN ARTIFICIAL WATERWAY OF THE KUNEBETSU RIVER SYSTEM, HOKKAIDO.] *Bull. Fac. Fish. Hokkaido Univ.* 30(4):239-251. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-005616 Graham, K. and Bonislawsky, P. AN INDEXED BIBLIOGRAPHY OF THE PADDLEFISH (/POLYODON SPATHULA/). *Mo. Dep. Conserv., Columbia* 12p. 1978. SFA 24(2)

71-005617 Gray, R. H. and D. D. Dauble. BIOLOGY OF THE SAND ROLLER IN THE CENTRAL COLUMBIA RIVER. *Trans. Am. Fish. Soc.* 108(6):646-649. Nov. 1979. SFA 25(2)

71-005618 Griest, J. R. THE LAKE TROUT OF TWIN LAKES, COLORADO. *U.S. Dep. Int. Bur. Reclam.* REC-ERC-77-4. ii + 29p. Mar. 1977. SFA 22(4)

71-005619 Grimes, C. B. CERTAIN ASPECTS OF THE LIFE HISTORY OF THE VERMILLION SNAPPER /RHOMBOPLITES AURORUBENS/ (CUVIER) FROM NORTH AND SOUTH CAROLINA WATERS. *Ph.D. dissertation, Univ. N. Car. (Chapel Hill).* 251 p. 1976. From Diss. Abstr. Int. B. Sci. Eng. 37(8), 1977. SFA 22(3)

71-005620 Grimes, C. B.; Manooch, C. S. III; Huntsman, G. R. and Dixon, R. L. RED SNAPPERS OF THE CAROLINA COAST. *Mar. Fish. Rev.* 39 (1): 12-15. Jan. 1977. SFA 22(3)

71-005621 Gritsenko, O. F. and Churikov, A. A. THE BIOLOGY OF CHARS (GENUS /SALVELINUS/) AND THEIR PLACE IN THE ICHTHYOCOENOSES OF BAYS IN NORTHEASTERN SAKHALIN. I. MIGRATIONS, AGE, GROWTH AND MATURATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):921-930. 1976. SFA 23(3)

71-005622 Gubanov, Ye. P. and Grigor'yev, V. N. OBSERVATIONS ON THE DISTRIBUTION AND BIOLOGY OF THE BLUE SHARK /PRIONACE GLAUCA/ (CARCHARHINIDAE) OF THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 37-43. 1975. SFA 21(2).

71-005623 Guillory, V. LIFE HISTORY OF WARMOUTH IN LAKE CONWAY, FLORIDA. *Proc. Annu. Conf. SOutheast. Assoc. Fish Wildl. Agencies* 32:490-501. 1978[1979]. SFA 25(2)

71-005624 Guillory, V. LIFE HISTORY OF CHAIN PICKEREL IN A CENTRAL FLORIDA LAKE. *Fla. Game Fresh Water Fish. Comm. Fish. Bull.* No. 8. 75p. undated. SFA 24(2)

71-005625 Guseva, T. V. POSTEMBRYONIC DEVELOPMENT OF THE SEA PIKE-PERCH /LUCIOPERCA MARINA/ OF THE CASPIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):245-256. 1975. SFA 21(3).

71-005626 Gwahaba, J. J. THE BIOLOGY OF CICHLID FISHES (TELEOSTEI) IN AN EQUATORIAL LAKE (LAKE GEORGE, UGANDA). *Arch. Hydrobiol.* 83 (4): 538-551. 1978. SFA 24(1)

71-005627 Hackney, P. A. ECOLOGY OF THE BURBOT (/LOTA LOTA/) WITH SPECIAL REFERENCE TO ITS ROLE IN THE LAKE OPEONGO FISH COMMUNITY. *Ph.D. Dissertation, Univ. Toronto* 1973. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. [To obtain microfiche copy order from the National Library of Canada at Ottawa.] SFA 21(1).

71-005628 Haedrich, R. L. and Polloni, P. T. A CONTRIBUTION TO THE LIFE HISTORY OF A SMALL RATTAIL FISH, /CORYPHAENOIDES CARAPINUS/. *Bull. South. Calif. Acad. Sci.* 75 (2): 203-211. Aug. 1976. SFA 22(2)

71-005629 Hambrick, P. S. and Robison, H. W. LIFE HISTORY ASPECTS OF THE PALEBACK DARTER, /ETHEOSTOMA PALLIDIDORSUM/ (PISCES: PERCIDAE), IN THE CADDO RIVER SYSTEM, ARKANSAS. *Southwest. Nat.* 24(3):475-484. 15 Sept. 1979. SFA 25(1)

71-005630 Hamilton, J. G. and Powles, P. M. FEEDING HABITS AND GROWTH OF YOUNG-OF-THE-YEAR LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) NEAR ITS NORTHERN LIMIT, NOGIES CREEK, ONTARIO. *Can. J. Zool.* 57 (7): 1431-1437. July 1979. In English with French summ. SFA 24(4)

71-005631 Hamre, J. and T. Monstad. LODDEUNDERSØKELSER I BARENTSHAVET VINTEREN 1979. [CAPELIN INVESTIGATIONS IN THE BARENTS SEA DURING WINTER 1979.] *Fisken Havet* 1979(4):3-17. 1979. In Norwegian with English summ. SFA 25(2)

71-005632 Hanson, J. M. and Qadri, S. U. SEASONAL GROWTH, FOOD, AND FEEDING HABITS OF YOUNG-OF-THE-YEAR BLACK CRAPPIE IN THE OTTAWA RIVER. *Can. Field-Nat.* 93 (3): 232-238. July-Sept. 1979. SFA 24(4)

71-005633 Harrell, R. D. and Cloutman, D. G. DISTRIBUTION AND LIFE HISTORY OF THE SANDBAR SHINER, /NOTROPIS SCEPTICUS/ (PISCES: CYPRINIDAE). *Copeia* 1978 (3): 443-447. 10 Aug. 1978. SFA 23(4)

71-005634 Harrison, E. J. and Hadley, W. F. BIOLOGY OF MUSKELLUNGE (/ESOX MASQUINONGY/) IN THE UPPER NIAGARA RIVER. *Trans. Am. Fish. Soc.* 108(5):444-451. Sept. 1979. SFA 25(1)

71-005635 Harrison, E. J. COMPARATIVE ECOLOGIC LIFE HISTORIES OF SYMPATRIC POPULATIONS OF /ESOX LUCIUS/ AND /ESOX MASQUINONGY/ OF THE UPPER NIAGARA RIVER AND ITS LOCAL WATERSHED. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 326p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):56. July 1978. SFA 23(4)

71-005636 Hartman, F. THREE SPINES ON A STICKLEBACK. *Nat. Hist.* 88(10):32-35. Dec. 1979. SFA 25(2)

71-005637 Hartmann, J. DER BARSCH (/PERCA FLUVIATILIS/) IM EUTROPHIERTEN BODENSEE. [THE PERCH (/PERCA FLUVIATILIS/) IN THE EUTROPHICATED LAKE OF CONSTANCE.] *Arch. Hydrobiol.* 76 (3): 69-286. Nov. 1975. In German with English summ. SFA 22(3)

71-005638 Hasse, J. J.; Madraisau, B. B. and McVey, J. P. SOME ASPECTS OF THE LIFE HISTORY OF /SIGANUS CANALICULATUS/ (PARK) (PISCES: SIGANIDAE) IN PALAU. *Micronesica* 13 (2): 297-312. Dec. 1977. SFA 24(1)

71-005639 Hauer, F. R. COMPARISON OF PREOPERATIONAL AND OPERATIONAL ABUNDANCE, AGE, LENGTH-WEIGHT RELATIONSHIPS, AND FOOD HABITS OF YELLOW PERCH, /PERCA FLAVESCENS/ (MITCHILL), IN LAKE MICHIGAN AND THE LUDINGTON PUMPED STORAGE RESERVOIR. *M.S. thesis, Mich. State Univ., East Lansing* vii + 75p. 1975. SFA 21(1).

71-005640 Healey, M. C. THE DISTRIBUTION, ABUNDANCE, AND FEEDING HABITS OF JUVENILE PACIFIC SALMON IN GEORGIA STRAIT, BRITISH COLUMBIA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 788. v + 49p. June 1978. In English with French summ. SFA 24(1)

71-005641 Healey, M. C. UTILIZATION OF THE NANAIMO RIVER ESTUARY BY JUVENILE CHINNOK SALMON, *ONCORHYNCHUS TSHAWYTSCHA. NOAA Fish. Bull.* 77(3):653-668. July 1979. SFA 25(2)

71-005642 Hecht, T. and Baird, D. CONTRIBUTIONS TO THE BIOLOGY OF THE PANGA, /PTEROGYMNUS LANIARIUS/ (PISCES: SPARIDAE): AGE, GROWTH AND REPRODUCTION. *Zool. Afr.* 12 (2): 363-372. 1977. SFA 22(3)

71-005643 Hecht, T. CONTRIBUTIONS TO THE BIOLOGY OF THE CAPE GURNARD, /TRIGLA CAPENSIS/ (PISCES: TRIGLIDAE): AGE, GROWTH AND REPRODUCTION. *Zool. Afr.* 12 (2): 373-382. 1977. SFA 23(3)

71-005644 Heidinger, R. C. LIFE HISTORY AND BIOLOGY OF THE LARGEMOUTH BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 11-20. 1975. SFA 21(3).

71-005645 Heins, D. C. A COMPARATIVE LIFE HISTORY OF A CLOSELY RELATED GROUP OF MINNOWS (/NOTROPIS/, CYPRINIDAE) INHABITING STREAMS OF THE GULF COASTAL PLAIN. *Ph.D. dissertation, Tulane Univ.* 168p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):1082. Sept. 1979. SFA 25(1)

71-005646 Heins, D. C. and Clemmer, G. H. THE REPRODUCTIVE BIOLOGY, AGE AND GROWTH OF THE NORTH AMERICAN CYPRINID, /NOTROPIS LONGIROSTRIS/ (HAY). *J. Fish Biol.* 8 (5): 365-379. May 1976. SFA 22(1)

71-005647 Hempel, G. EARLY LIFE HISTORY OF MARINE FISH. *Wash. Sea Grant Publ., Univ. Wash. Press, Seattle* xvi + 70p. 1979. SFA 25(3)

71-005648 Henricson, J. and Nyman, L. THE ECOLOGICAL AND GENETICAL SEGREGATION OF TWO SYMPATRIC SPECIES OF DWARFED CHAR (/SALVELINUS ALPINUS/ (L.) SPECIES COMPLEX). *Rep. Inst. Freshwater Res. Drottningholm* No. 55. p. 15-37. 1976. SFA 23(1)

71-005649 Hesthagen, I. H. MIGRATIONS, BREEDING, AND GROWTH IN /POMATOSCHISTUS MINUTUS/ (PALLAS) (PISCES, GOBIIDAE) IN OSLOFJORDEN, NORWAY. *Sarsia* 63 (1): 17-26. 30 Sept. 1977. SFA 23(1)

71-005650 Hoff, J. G. ANNOTATED BIBLIOGRAPHY AND SUBJECT INDEX ON THE SHORTNOSE STURGEON, /ACIPENSER BREVIROSTRUM/. *NOAA Tech. Rep. NMFS SSRF* 731. 16p. Apr. 1979. SFA 24(3)

71-005651 Hogarth, W. T. LIFE HISTORY ASPECTS OF THE WAHOO /ACANTHOCYBIUM SOLANDRI/ (CUVIER AND VALENCIENNES) FROM THE COAST OF NORTH CAROLINA. *Ph.D. dissertation, N. Car. State Univ. (Raleigh).* 119p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-005652 Horn, M. H. OBSERVATIONS ON FEEDING, GROWTH, LOCOMOTOR BEHAVIOR, AND BUOYANCY OF A PELAGIC STROMATEOID FISH, /ICICHTHYS LOCKINGTONI/. *NOAA Fish. Bull.* 75 (2): 453-456. Apr. 1977. SFA 22(3)

71-005653 Hosie, M. J. and Horton, H. F. BIOLOGY OF THE REX SOLE, /GLYPTOCEPHALUS ZACHIRUS/, IN WATERS OFF OREGON. *NOAA Fish. Bull.* 75 (1): 51-60. Jan. 1977. SFA 22(3)

71-005654 Houde, E. D. ABUNDANCE AND POTENTIAL YIELD OF THE SCALED SARDINE, /HARENGULA JAGUANA/, AND ASPECTS OF ITS EARLY LIFE HISTORY IN THE EASTERN GULF OF MEXICO. *NOAA Fish. Bull.* 75 (3): 613-628. July 1977. SFA 23(1)

71-005655 Hoyt, R. D.; A. J. Waite and B. M. DiPasquale. POPULATION DYNAMICS AND CATCH SUSCEPTIBILITY OF SMALLMOUTH BUFFALO IN ROUGH RIVER RESERVOIR. *Ky. Dep. Fish. Wildl. Resour. Fish. Bull.* No. 62. vii + 67p. 1976. SFA 25(2)

71-005656 Hoyt, R. D.; Overmann, G. J. and Kindschi, G. A. OBSERVATIONS ON THE LARVAL ECOLOGY OF THE SMALLMOUTH BUFFALO. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 1-16. 1979. SFA 24(3)

71-005657 Hubbs, C. and Dean, S. M. GROWTH AND REPRODUCTIVE RESPONSES OF /MENIDIA BERYLLINA/ (ATHERINIDAE) INHABITING LAKE TEXOMA. *Southwest. Nat.* 24(3):546-549. 15 Sept. 1979. SFA 25(1)

71-005658 Hughes, S. E. and Hirschhorn, G. BIOLOGY OF WALLEYE POLLOCK, /THERAGRA CHALCOGRAMMA/, IN THE WESTERN GULF OF ALASKA, 1973-75. *NOAA Fish. Bull.* 77 (1): 263-274. Jan. 1979. SFA 24(3)

71-005659 Hunter, J. R. and C. A. Kimbrell. EARLY LIFE HISTORY OF PACIFIC MACKEREL, *SCOMBER JAPONICUS. NOAA Fish. Bull.* 78(1):89-101. 1980. SFA 25(4)

71-005660 Hureau, J.-C.; Geistdoerfer, P. and Rannou, M. THE ECOLOGY OF DEEP-SEA BENTHIC FISHES. *Sarsia* 64(1/2):103-108. 1979. SFA 25(1)

71-005661 Hurst, H.; Bass, G. and Hubbs, C. THE BIOLOGY OF THE GUADALUPE, SUWANNEE, AND REDEYE BASSES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 47-53. 1975. SFA 21(3).

71-005662 Ikusemiju, K. DISTRIBUTION, REPRODUCTION AND GROWTH OF THE CATFISH, /CHRYSICHTHYS WALKERI/ (GUNTHER) IN THE LEKKI LAGOON, NIGERIA. *J. Fish Biol.* 8 (6): 453-458. June 1976. SFA 22(1)

71-005663 Il'yasova, Z. Ya. SOME PROBLEMS OF THE ECOLOGY OF THE SARYCHILEK MARINKA /SCHIZOTHORAX INTERMEDIUS EURYCEPHALUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 202-208. 1975. SFA 21(3).

71-005664 Imaoka, Y. and Misu, H. [BIOLOGY OF ROUNDNOSE FLOUNDER, /EOPSETTA GRIGORJEWI/, IN THE SOUTHWESTERN JAPAN SEA. EARLY STAGE OF DEVELOPMENT.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:11-20. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-005665 Infante, O. and LaBar, G. W. SOME ASPECTS OF THE BIOLOGY OF /PETENIA KRAUSSII/ STEINDACHNER (PISCES: CICHLIDAE) IN LAKE VALENCIA, VENEZUELA. *J. Fish Biol.* 10 (3): 243-249. Mar. 1977. SFA 22(3)

71-005666 Ismukhanov, Kh. K. MORPHOECOLOGICAL CHARACTERISTICS OF THE EASTERN BREAM, *ABRAMIS BRAMA ORIENTALIS*, ACCLIMATIZED IN BUKHTARMA RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):38-48. 1979. SFA 25(3)

71-005667 Jinadasa, J. BIOLOGY OF THE SCIAENID GENERA /PARALONCHURUS/ AND /LONCHURUS/ (PISCES, SCIAENIDAE). *Ph.D. dissertation, Univ. Mass.* 279p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3614. Feb. 1979. SFA 24(3)

71-005668 Jocque, R. UNE ETUDE SUR /CLARIAS SENEGALENSIS/ VAL. DANS LA REGION DU LAC KOSSOU (COTE D'IVOIRE). [A STUDY ON /CLARIAS SENEGALENSIS/ VAL. IN THE REGION OF LAKE KOSSOU (IVORY COAST).] *Hydrobiologia* 54 (1): 49-65. 17 May 1977. In French with English summ. SFA 22(4)

71-005669 Jolley, J. W., Jr. THE BIOLOGY AND FISHERY OF ATLANTIC SAILFISH /ISTIOPHORUS PLATYPTERUS/, FROM SOUTHEAST FLORIDA. *Fla. Mar. Res. Publ.* No. 28. 31p. July 1977. SFA 23(1)

71-005670 Jolley, J. W., Jr. THE BIOLOGY AND FISHERY OF ATLANTIC SAILFISH /ISTIOPHORUS PLATYPTERUS/, FROM SOUTHEAST FLORIDA. *Fla. Mar. Res. Publ.* No. 28. 31p. July 1977. SFA 23(4)

71-005671 Jones, B. C. FEEDING, GROWTH, AND REPRODUCTION OF SPINY DOGFISH (/SQUALUS ACANTHIAS/ L.) IN BRITISH COLUMBIA WATERS. *Ph.D. dissertation, Simon Fraser Univ. (Canada)* 90p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(12), 1977. SFA 22(4)

71-005672 Joseph, J.; W. Klawe and P. Murphy. TUNA AND BILLFISH--FISH WITHOUT A COUNTRY. *Inter-Am. Trop. Tuna Comm., La Jolla, CA* vii + 46p. 1979. SFA 25(1)

71-005673 Kaeriyama, M.; Sato, S. and Kobayashi, A. [STUDIES ON A GROWTH AND FEEDING HABIT OF THE CHUM SALMON FRY DURING SEAWARD MIGRATION IN THE TOKACHI RIVER SYSTEM--I. INFLUENCE OF THAW ON A GROWTH AND FEEDING HABIT OF THE FRY.] *Sci. Rep. Hokkaido Salmon Hatchery* 32: 27-41. 1978. In Japanese with English summ. SFA 23(4)

71-005674 Kan, T. T. SYSTEMATICS, VARIATION, DISTRIBUTION, AND BIOLOGY OF LAMPREYS OF THE GENUS /LAMPETRA/ IN OREGON. *Ph.D. dissertation, Oreg. State Univ.* 204p. 1975. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-005675 Kelso, J. R. M. and Bagenal, T. B. PERCIDS IN UNPERTURBED ECOSYSTEMS. *J. Fish. Res. Board Can.* 34 (10): 1959-1963. Oct. 1977. In English with French summ. SFA 23(1)

71-005676 Kendall, A. W. BIOLOGICAL AND FISHERIES DATA ON BLACK SEA BASS, /CENTROPRISTIS STRIATA/ (LINNAEUS). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 7. v + 29p. May 1977. SFA 23(3)

71-005677 Kennedy, S. E. LIFE HISTORY OF THE LEON SPRINGS PUPFISH, /CYPRINODON BOVINUS/. *Copeia* 1977(1):93-103. 16 Mar. 1977. SFA 22(3)

71-005678 Kerr, S. R. and Ryder, R. A. NICHE THEORY AND PERCID COMMUNITY STRUCTURE. *J. Fish. Res. Board Can.* 34 (10): 1952-1958. Oct. 1977. In English with French summ. SFA 23(1)

71-005679 Khalturin, D. K. SMOLT AGE AND THE DURATION OF THE MARINE PERIOD IN THE LIFE OF ANADROMOUS SALMONIDS (SALMONIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):871-885. 1978. SFA 25(2)

71-005680 Kiefling, J. W. STUDIES ON THE ECOLOGY OF THE SNAKE RIVER CUTTHROAT TROUT. *Wyo. Game Fish Dep. Fish. Tech. Bull.* No. 3. xi + 198p. 1978. SFA 24(1)

71-005681 Kilambi, R. V.; Robison, W. R. and Adams, J. C. GROWTH, MORTALITY, FOOD HABITS, AND FECUNDITY OF THE BUFFALO RIVER SMALLMOUTH BASS. *Proc. Ark. Acad. Sci.* 31: 62-65. 1977. SFA 23(3)

71-005682 Kindschi, G. A.; Hoyt, R. D. and Overmann, G. J. SOME ASPECTS OF THE ECOLOGY OF LARVAL FISHES IN ROUGH RIVER LAKE, KENTUCKY. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 139-166. 1979. SFA 24(3)

71-005683 Kircheis, F. W. REPRODUCTIVE BIOLOGY AND EARLY LIFE HISTORY OF THE SUNAPEE TROUT OF FLOODS POND, MAINE. *Trans. Am. Fish. Soc.* 105 (5)d 615-619. Sept. 1976. SFA 21(4).

71-005684 Kirillov, A. F. A MORPHOLOGICAL AND ECOLOGICAL DESCRIPTION OF THE TAIMEN, /HUCHO TAIMEN/, OF THE ANABAR RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikthiol.)* 16 (1): 150-152. 1976. SFA 22(3)

71-005685 Kitchell, J. F.; Johnson, M. G.; Minns, C. K.; Loftus, K. H.; Greig, L. and Olver, C. H. PERCID HABITAT: THE RIVER ANALOGY. *J. Fish. Res. Board Can.* 34 (10): 1936-1940. Oct. 1977. In English with French summ. SFA 23(1)

71-005686 Kneib, R. T. and Stiven, A. E. GROWTH, REPRODUCTION, AND FEEDING OF /FUNDULUS HETEROCLITUS/ (L.) IN A NORTH CAROLINA SALT MARSH. *J. Exp. Mar. Biol. Ecol.* 31 (2): 121-140. Feb. 1978. SFA 23(4)

71-005687 Kneib, R. T. HABITAT, DIET, REPRODUCTION AND GROWTH OF THE SPOTFIN KILLIFISH, /FUNDULUS LUCIAE/, FROM A NORTH CAROLINA SALT MARSH. *Copeia* 1978 (1): 164-168. 10 Feb. 1978. SFA 23(2)

71-005688 Kobayashi, T. and Abe, S. [STUDIES ON THE PACIFIC SALMON IN THE YURAPPU RIVER AND VOLCANO BAY 2. ON THE MIGRATION AND THE GROWTH OF THE FRY DURING SEAWARD MIGRATION AND THE RETURN OF MARKED ADULTS.] *Sci. Rep. Hokkaido Salmon Hatchery* no. 31. p. 1-11. 1977. In Japanese with English summ. SFA 22(4)

71-005689 Kobylinski, G. J. and Sheridan, P. F. DISTRIBUTION, ABUNDANCE, FEEDING AND LONG-TERM FLUCTUATIONS OF SPOT, /LEIOSTOMUS XANTHURUS/, AND CROAKER, /MICROPOGONIAS UNDULATUS/, IN APALACHICOLA BAY, FLORIDA, 1972-1977. *Contrib. Mar. Sci.* 22:149-161. Aug. 1979. SFA 25(1)

71-005690 Kolomin, Yu. M. THE NADYM RIVER RUFFE, /ACERINA CERNUA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 345-349. 1977. SFA 23(3)

71-005691 Konchina, Yu. V. SOME DATA ON THE BIOLOGY OF GRUNTS (FAMILY POMADASYIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(4):548-558. 1977. SFA 23(4)

71-005692 Koskova, L. A. THE BELOZERO (LAKE BELOYE) CISCO (/COREGONUS SARDINELLA VESSICUS/) IN SARATOV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 479-483. 1977. SFA 23(3)

71-005693 Kovalev, P. M. LARVAL DEVELOPMENT OF THE PIKE-PERCH /LUCIOPERCA LUCIOPERCA/ UNDER NATURAL CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 606-616. 1976. SFA 23(1)

71-005694 Kovtun, I. F. MATERIALS ON THE ECOLOGY OF THE GOBY, /POMATOSCHISTUS MICROPS LEOPARDINUS/, FROM THE SEA OF AZOV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 28-34. 1976. SFA 22(3)

71-005695 Krause, R. A. and Van den Avyle, M. J. TEMPORAL AND SPATIAL VARIATIONS IN ABUNDANCE AND SPECIES COMPOSITION OF LARVAL FISHES IN CENTER HILL RESERVOIR, TENNESSEE. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3:167-184. 1979. SFA 24(3)

71-005696 Kubo, T. [STUDIES ON THE LIFE HISTORY OF THE "MASU" SALMON (*ONCORHYNCHUS MASOU*) IN HOKKAIDO.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 34. p. 1-95. Mar. 1980. In Japanese with English summ. SFA 25(4)

71-005697 Kukuradze, A. M. and Mariyash, L. F. INFORMATION ON THE ECOLOGY WILD GOLDFISH (/CARASSIUS AURATUS GIBELIO/) IN THE LOWER REACHES OF THE DANUBE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):409-415. 1975. SFA 21(4)

71-005698 Kulkarni, C. V. and Ogale, S. N. FEEDING, GROWTH AND EARLY DEVELOPMENT OF THE INDIAN TROUT, /BARILIUS (OPSARIUS) BOLA/ HAM. *J. Bombay Nat. Hist. Soc.* 75 (2): 266-272. Aug. 1978. SFA 24(3)

71-005699 Kurenkov, S. I. TWO REPRODUCTIVELY ISOLATED GROUPS OF KOKANEE SALMON, /ONCORHYNCHUS NERKA KENNERLYI/, FROM LAKE KRONOTSKIY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(4):526-534. 1977. SFA 23(4)

71-005700 Kuznetsov, V. A. THE REPRODUCTION, DISTRIBUTION AND GROWTH OF JUVENILES OF NON-COMMERCIAL FISH SPECIES IN SVIYAGA BAY, KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):746-756. 1976. SFA 23(2)

71-005701 Kwei, E. A. FOOD AND SPAWNING ACTIVITY OF /CARANX HIPPOS/ (L.) OFF THE COAST OF GHANA. *J. Nat. Hist.* 12 (2): 195-215. Mar.-Apr. 1978. SFA 23(3)

71-005702 Laale, H. W. THE BIOLOGY AND USE OF ZEBRAFISH, /BRACHYDANIO RERIO/ IN FISHERIES RESEARCH. A LITERATURE REVIEW. *J. Fish Biol.* 10 (2): 121-173. Feb. 1977. SFA 22(3)

71-005703 Lalancette, L.-M. CROISSANCE, REPRODUCTION ET REGIME ALIMENTAIRE DU MULET PERLE, /SEMOTILUS MARGARITA/, DU LAC GAMELIN, QUEBEC. [GROWTH, REPRODUCTION AND FEEDING OF THE PEARL MULLET, /SEMOTILUS MARGARITA/, OF LAKE GAMELIN, QUEBEC.] *Nat. Can. (Que.)* 104 (6): 493-500. Nov.-Dec. 1977. In French with English summ. SFA 23(2)

71-005704 Lalancette, L.-M. STUDIES ON THE GROWTH, REPRODUCTION AND DIET OF THE WHITE SUCKER, /CATOSTOMUS COMMERSONI COMMERSONI/ (LACEPEDE), OF GAMELIN LAKE, CHICOUTIMI, QUEBEC. *Ph.D. dissertation, Univ. Waterloo* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(4).

71-005705 Lane, J. P. EELS AND THEIR UTILIZATION. *Mar. Fish. Rev.* 40 (4): 1-20. Apr. 1978. SFA 23(4)

71-005706 Larson, G. L. SOCIAL BEHAVIOR AND FEEDING ABILITY OF TWO PHENOTYPES OF /GASTEROSTEUS ACULEATUS/ IN RELATION TO THEIR SPATIAL AND TROPHIC SEGREGATION IN A TEMPERATE LAKE. *Can. J. Zool.* 54 (2): 107-121. Feb. 1976. In English with French summ. SFA 22(1)

71-005707 LeDrew, B. R. and Green, J. M. BIOLOGY OF THE RADIATED SHANNY /ULVARIA SUBBIFURCATA/ STORER IN NEWFOUNDLAND (PISCES: STICHAEIDAE). *J. Fish Biol.* 7 (4): 485-495. July 1975. SFA 22(2)

71-005708 Lee, R. L. G. and Power, G. ATLANTIC SALMON (/SALMO SALAR/) OF THE LEAF RIVER, UNGAVA BAY. *J. Fish. Res. Board Can.* 33 (11): 2616-2621. Nov. 1976. In English with French summ. SFA 21(4).

71-005709 Lewis, M. A. NOTES ON THE NATURAL HISTORY OF THE LONGFIN DACE, /AGOSIA CHRYSOGASTER/, IN A DESERT RHEOCRENE. *Copeia* 1978 (4): 703-705. 28 Dec. 1978. SFA 24(2)

71-005710 Lewis, T. C. and Yerger, R. W. BIOLOGY OF FIVE SPECIES OF SEAROBINS (PISCES, TRIGLIDAE) FROM THE NORTHEASTERN GULF OF MEXICO. *NOAA Fish. Bull.* 74(1):93-103. Jan. 1976. SFA 21(1).

71-005711 Lindquist, D. G. and G. T. Chandler. LIFE HISTORY ASPECTS OF THE CRESTED BLENNY, *HYPLEUROCHILUS GEMINATUS* (WOOD). *J. Elisha Mitchell Sci. Soc.* 94(2):111-112. 1978. Abstract only. SFA 25(2)

71-005712 Loesch, J. G. and Lund, W. A., Jr. A CONTRIBUTION TO THE LIFE HISTORY OF THE BLUEBACK HERRING, /ALOSA AESTIVALIS/. *Trans. Am. Fish. Soc.* 106 (6): 583-589. Nov. 1977. SFA 23(2)

71-005713 Love, M. S. ASPECTS OF THE LIFE HISTORY OF THE OLIVE ROCKFISH, /SEBASTES SERRANOIDES/. *Ph.D. dissertation, Univ. Calif. (Santa Barbara)* 195p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5195. May 1979. SFA 24(3)

71-005714 Luling, K. H. WISSENSCHAFTLICHE ERGEBNISSE DES FORSCHUNGSAUFENTHALTES DR. K. H. LULING IN ARGENTINA 1975: UEBER DEN BIOTOP DES PATAGONISCHEN MESSINGSALMLERS /GYMNOCHARACINUS BERGII/ (PISCES, CHARACIDAE). [RESULTS OF DR. K. H. LULINGS RESEARCH IN ARGENTINA IN 1975: ABOUT THE BIOTOPE OF THE PATAGONIAN /GYMNOCHARACINUS BERGII/ (PISCES, CHARACIDAE).] *Zool. Anz.* 201 (5/6): 410-423. 1978. In German with English summ. SFA 24(2)

71-005715 Luling, K. H. WISSENSCHAFTLICHE ERGEBNISSE DER ARGENTINIEN-SUEDBRASILIEN-EXPEDITION 1970 UND DES FORSCHUNGSAUFENTHALTES DR. K. H. LULING IN ARGENTINIEN 1975: UEBER EINIGE ARGENTINISCHE /CYNOLEBIAS/-ARTEN DER PROVINZ BUENOS AIRES (PISCES, CYPRINODONTIDAE) UND IHR BIOTOP. [SCIENTIFIC RESULTS OF THE ARGENTINE-SOUTHBRASILIAN-EXPEDITION 1970 AND RESEARCH RESIDENCE DR. K. H. LULING IN ARGENTINA 1975: ON SOME ARGENTINE /CYNOLEBIAS/ SPECIES OF THE PROVINCE OF BUENOS AIRES (PISCES, CYPRINODONTIDAE) AND THEIR BIOTOPE.] *Zool. Anz.* 198(3-4):149-166. 1977. In German with English summ. SFA 22(4)

71-005716 Mac Elwain, W. THE MISUNDERSTOOD MORAYS. *Sea Front.* 23 (2): 96-100. Mar.-Apr. 1977. SFA 22(3)

71-005717 Macer, C. T. SOME ASPECTS OF THE BIOLOGY OF THE HORSE MACKEREL [/TRACHURUS TRACHURUS/ (L.)] IN WATERS AROUND BRITAIN. *J. Fish Biol.* 10(1):51-62. Jan. 1977. SFA 22(3)

71-005718 MacKay, K. T. SYNOPSIS OF BIOLOGICAL DATA OF THE NORTHERN POPULATION ATLANTIC MACKEREL (/SCOMBER SCOMBRUS/). *Fish. Environ. Can. Mar. Serv. Tech. Rep.* No. 885. vi + 26p. June 1979. In English with French summ. SFA 25(1)

71-005719 Maeda, T. and Hirakawa, H. [SPAWNING GROUNDS AND DISTRIBUTION PATTERN OF THE ALASKA POLLACK IN THE EASTERN BERING SEA.] *Bull. Jpn. Soc. Sci. Fish.* 43(1):39-45. Jan. 1977. In Japanese with English summ. SFA 22(3)

71-005720 Magnin, E.; Clement, A.-M. and Legendre, V. CROISSANCE, REPRODUCTION ET REGIME ALIMENTAIRE DES TOULADIS /SALVELINUS NAMAYCUSH/ (WALBAUM) DU NORD DU QUEBEC. [GROWTH, REPRODUCTION AND FEEDING HABITS OF LAKE TROUT /SALVELINUS NAMAYCUSH/ (WALBAUM) OF NORTH QUEBEC.] *Nat. Can. (Que.)* 105(1):1-17. Jan.-Feb. 1978. In French with English summ. SFA 23(3)

71-005721 Magomedov, G. M. and Murzabekova, N. M. FEEDING AND GROWTH OF THE YOUNG AUTUMN CHUM SALMON, /ONCORHYNCHUS KETA/, ACCLIMATIZED IN THE CASPIAN SEA DURING THE RIVER PERIOD OF LIFE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):683-686. 1978. SFA 25(1)

71-005722 Mahood, R. K. SPOTTED SEATROUT IN COASTAL WATERS OF GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:195-207. 1975[1976]. SFA 22(3)

71-005723 Major, P. F. ASPECTS OF ESTUARINE INTERTIDAL ECOLOGY OF JUVENILE STRIPED MULLET, /MUGIL CEPHALUS/, IN HAWAII. *NOAA Fish. Bull.* 76(2):299-314. Apr. 1978. SFA 23(4)

71-005724 Makeyeva, A. P. CHARACTERISTICS OF THE EARLY DEVELOPMENTAL STAGES OF A BITTERLING /RHODEUS OCELLATUS OCELLATUS/ NEW TO THE ICHTHYOFAUNA OF THE USSR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 756-767. 1976. SFA 23(2)

71-005725 Maksimov, V. A. THE ECOLOGY OF THE KAMCHATKA TROUT /SALMO MYKISS/ POPULATION FROM THE BOL'SHAYA RIVER (WESTERN KAMCHATKA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(1):12-17. 1976. SFA 22(3)

71-005726 Manion, P. J. and Smith, B. R. BIOLOGY OF LARVAL AND METAMORPHOSING SEA LAMPREYS, /PETROMYZON MARINUS/, OF THE 1960 YEAR CLASS IN THE BIG GARLIC RIVER, MICHIGAN, PART II, 1966-72. *Great Lakes Fish Comm. Tech. Rep.* no. 30. 35p. Oct. 1978. SFA 24(3)

71-005727 Mann, R. H. K. OBSERVATIONS ON THE BIOLOGY OF THE PERCH, /PERCA FLUVIATILIS/, IN THE RIVER STOUR, DORSET. *Freshwater Biol.* 8 (3): 229-239. June 1978. SFA 23(4)

71-005728 Mann, R. H. K. OBSERVATION ON THE AGE, GROWTH, REPRODUCTION AND FOOD OF THE PIKE /ESOX LUCIUS/ (L.) IN TWO RIVERS IN SOUTHERN ENGLAND. *J. Fish Biol.* 8 (2): 179-197. Feb. 1976. SFA 22(1)

71-005729 Mann, R. H. K. OBSERVATIONS ON THE AGE, GROWTH, REPRODUCTION AND FOOD OF THE CHUB /SQUALIUS CEPHALUS/ (L.) IN THE RIVER STOUR, DORSET. *J. Fish Biol.* 8(3):265-288. Mar. 1976. SFA 22(1)

71-005730 Manooch, C. S. III and Hassler, W. W. SYNOPSIS OF BIOLOGICAL DATA ON THE RED PORGY, /PAGRUS PAGRUS/ (LINNAEUS). *NOAA Tech. Rep. NMFS Circ.* 412. iii + 19p. May 1978. SFA 24(1)

71-005731 Manooch, C. S. III; Nakamura, E. L. and Hall, A. B. ANNOTATED BIBLIOGRAPHY OF FOUR ATLANTIC SCOMBRIDS: /SCOMBEROMORUS BRASILIENSIS/, /S. CAVALLA/, /S. MACULATUS/, AND /S. REGALIS/. *NOAA Tech. Rep. NMFS Circ.* 418. iii + 166p. Dec. 1978. SFA 24(2)

71-005732 Manooch, C. S. III. A STUDY OF THE TAXONOMY, EXPLOITATION, LIFE HISTORY, ECOLOGY AND TAGGING OF THE RED PORGY, /PAGRUS PAGRUS/, LINNAEUS OFF NORTH CAROLINA AND SOUTH CAROLINA. *Ph. D. dissertation, N.C. State Univ.* 286p. F1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 22(2)

71-005733 Marshall, B. E. and van der Heiden, J. T. THE BIOLOGY OF /ALESTES IMBERI/ PETERS (PISCES: CHARACIDAE) IN LAKE MCILWAINE, RHODESIA. *Zool. Afr.* 12 (2): 329-346. 1977. SFA 23(3)

71-005734 Marshall, T. R. MORPHOLOGICAL, PHYSIOLOGICAL, AND ETHOLOGICAL DIFFERENCES BETWEEN WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND PIKEPERCH (/S. LUCIOPERCA/). *J. Fish. Res. Board Can.* 34 (10): 1515-1523. Oct. 1977. In English with French summ. SFA 23(1)

71-005735 Martyn, H. A. and Schmulbach, J. C. BIONOMICS OF THE FLATHEAD CHUB, /HYBOPSIS GRACILIS/ (RICHARDSON). *Proc. Iowa Acad. Sci.* 85(2):62-65. June 1978. SFA 23(4)

71-005736 Mason, J. C. and Machidori, S. POPULATIONS OF SYMPATRIC SCULPINS, /COTTUS ALEUTICUS/ AND /COTTUS ASPER/, IN FOUR ADJACETN SALMON-PRODUCING COASTAL STREAMS ON VANCOUVER ISLAND, B.C. *NOAA Fish. Bull.* 74(1):131-141. Jan. 1976. SFA 21(1).

71-005737 Matthews, W. J.; Shepard, W. D. and Hill, L. G. ASPECTS OF THE ECOLOGY OF THE DUSKYSTRIPE SHINER, /NOTROPIS PILSBRYI/ (CYPRINIFORMES, CYPRINIDAE), IN AN OZARK STREAM. *Am. Midl. Nat.* 100(1):247-252. July 1978. SFA 24(1)

71-005738 May, B. E.; Leppink, J. D. and Wydoski, R. S. DISTRIBUTION, SYSTEMATICS AND BIOLOGY OF THE BONNEVILLE CUTTHROAT TROUT, /SALMO CLARKI UTAH/. *Utah State Div. Wildl. Resour. Publ.* No. 78-15. 26p. 1979. SFA 24(3)

71-005739 McCosker, J. E. and Lagios, M. D. THE BIOLOGY AND PHYSIOLOGY OF THE LIVING COELACANTH. *Calif. Acad. Sci. Occas. Pap.* No. 134. 175p. 22 Dec. 1979. SFA 25(1)

71-005740 McCosker, J. E. THE EEL GENUS /PHAENOMONAS/ (PISCES, OPHICHTHIDAE). *Pac. Sci.* 29 (4): 361-363. Oct. 1975. SFA 22(3)

71-005741 Mercer, L. P. THE REPRODUCTIVE BIOLOGY AND POPULATION DYNAMICS OF BLACK SEA BASS, /CENTROPRISTIS STRIATA/. *Ph.D. dissertation, Coll. William and Mary in Va.* 211p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2067. Nov. 1978. SFA 24(1)

71-005742 Merrett, N. R. ON THE IDENTITY AND PELAGIC OCCURRENCE OF LARVAL AND JUVENILE STAGES OF RATTAIL FISHES (FAMILY MACROURIDAE) FROM 60°N, 20°W AND 53°N, 20°W. *Deep-Sea Res.* 25(2):147-160. Feb. 1978. SFA 23(3)

71-005743 Messieh, S. N. A BIBLIOGRAPHY OF HERRING (*CLUPEA HARENGUS* L.) IN THE NORTHWEST ATLANTIC. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 919. iii + 25p. Jan. 1980. In English with French summ. SFA 25(3)

71-005744 Meyer, T. L.; Cooper, R. A. and Langton, R. W. RELATIVE ABUNDANCE, BEHAVIOR, AND FOOD HABITS OF THE AMERICAN SAND LANCE, /AMMODYTES AMERICANUS/, FROM THE GULF OF MAINE. *NOAA Fish. Bull.* 77 (1): 243-253. Jan. 1979. SFA 24(3)

71-005745 Michaelson, D. M.; Fishelson, L. and Sternberg, D. OBSERVATIONS ON GEEDING, GROWTH AND ELECTRIC DISCHARGE OF NEWBORN /TORPEDO OCELLATA/ (CHONDRICHTHYES, BATOIDEI). *J. Fish Biol.* 15(2):159-163. Aug. 1979. SFA 25(1)

71-005746 Miller, P. J. AGE-STRUCTURE AND LIFE-SPAN IN THE COMMON GOBY, /POMATOSCHISTUS MICROPS/. *J. Zool. (Lond.)* 177 (3): 425-448. Nov. 1975. SFA 22(3)

71-005747 Miller, R. J. COMPARATIVE BEHAVIOR OF CENTRARCHID BASSES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 85-94. 1975. SFA 21(3).

71-005748 Miller, R. R. ECOLOGY, HABITS AND RELATIONSHIPS OF THE MIDDLE AMERICAN CUATRO OJOS, /ANABLEPS DOWNI/ (PISCES: ANABLEPIDAE). *Copeia* 1979 (1): 82-91. 20 Feb. 1979. SFA 24(2)

71-005749 Minckley, C. O. RECOVERY OF THE HUMPBACK CHUB, *GILA CYPHA*, AND OBSERVATIONS ON THAT SPECIES, 1977-1978. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:40. 30 Jan. 1980. Abstract only. SFA 25(3)

71-005750 Mitchell, R. W.; Russell, W. H. and Elliott, W. R. MEXICAN EYELESS CHARACIN FISHES, GENUS /ASTYANAX/: ENVIRONMENT, DISTRIBUTION, AND EVOLUTION. *Spec. Publ. Mus. Texas Tech. Univ.* No. 12. 89p. Feb. 1977. SFA 22(2)

71-005751 Moffett, A. W.; McEachron, L. W. and Key, J. G. OBSERVATIONS ON THE BIOLOGY OF SAND SEATROUT (/CYNOSCION ARENARIUS/) IN GALVESTON AND TRINITY BAYS, TEXAS. *Contrib. Mar. Sci.* 22:163-172. Aug. 1979. SFA 25(1)

71-005752 Moller, P.; Serrier, J.; Belbenoit, P. and Push, S. NOTES ON ETHOLOGY AND ECOLOGY OF THE SWASHI RIVER MORMYRIDS (LAKE KAINJI, NIGERIA). *Behav. Ecol. Sociobiol.* 4 (4): 357-368. 1979. SFA 24(3)

71-005753 Moos, R. E. MOVEMENT AND REPRODUCTION OF SHOVELNOSE STURGEON, /SCAPHIRHYNCHUS PLATORYNCHUS/ (RAFINESQUE) IN THE MISSOURI RIVER, SOUTH DAKOTA. *Ph.D. dissertation, Univ. S. Dak.* 216p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5196. May 1979. SFA 24(3)

71-005754 Moreno, C. A. OBSERVATIONS ON FOOD AND REPRODUCTION IN *TREMATOMUS BERNACCHII* (PISCES: NOTOTHENIIDAE) FROM THE PALMER ARCHIPELAGO, ANTARCTICA. *Copeia* 1980(1):171-173. 1 Feb. 1980. SFA 25(2)

71-005755 Moriarty, C. EELS. A NATURAL AND UNNATURAL HISTORY. *Universe Books, 381 Park Avenue South, New York 10016* 192p. Mar. 1978. SFA 23(3)

71-005756 Morse, W. W. BIOLOGICAL AND FISHERIES DATA ON SCUP, /STENOTOMUS CHRYSOPS/ (LINNAEUS). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 12. v + 41p. Jan. 1978. SFA 23(3)

71-005757 Moser, H. G. and Ahlstrom, E. H. LARVAE AND PELAGIC JUVENILES OF BLACKGILL ROCKFISH, /SEBASTES MELANOSTOMUS/, TAKEN IN MIDWATER TRAWLS OFF SOUTHERN CALIFORNIA AND BAJA CALIFORNIA. *J. Fish. Res. Board Can.* 35(7):981-996. July 1978. In English with French summ. SFA 23(4)

71-005758 Moshin, A. K. M. and Gallaway, B. J. SEASONAL ABUANDANCE, DISTRIBUTION, FOOD HABITATS AND CONDITION OF THE SOUTHERN BROOK LAMPREY, /ICHTHYOMYZON GAGEI/ HUBBS & TRAUTMAN, IN AN EAST TEXAS WATERSHED. *Southwest. Nat.* 22 (1): 107-114. 1 Mar. 1977. SFA 22(3)

71-005759 Moyle, P. B. and Marciochi, A. BIOLOGY OF THE MODOC SUCKER, /CATOSTOMUS MICROPS/, IN NORTHEASTERN CALIFORNIA. *Copeia* 1975(3):556-560. 5 Aug. 1975. SFA 21(1).

71-005760 Munro, J. L. ASPECTS OF THE BIOLOGY AND ECOLOGY OF CARIBBEAN REEF FISHES: MULLIDAE (GOAT-FISHES). *J. Fish Biol.* 9 (1): 79-97. July 1976. SFA 22(1)

71-005761 Munroe, T. A. and Lotspeich, R. A. SOME LIFE HISTORY ASPECTS OF THE SEABOARD GOBY (/GOBIOSOMA GINSBURGI/) IN RHODE ISLAND. *Estuaries* 2 (1): 22-27. Mar. 1979. SFA 24(3)

71-005762 Murawski, S. A.; Frank, D. G. and Chang, S. BIOLOGICAL AND FISHERIES DATA ON BUTTERFISH, /PEPRILUS TRIACANTHUS/ (PECK). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 6. v + 39p. Mar. 1978. SFA 23(3)

71-005763 Murawski, S. A. and Pacheco, A. L. BIOLOGICAL AND FISHERIES DATA ON ATLANTIC STURGEON, /ACIPENSER OXYRHYNCHUS/ (MITCHILL). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 10. vii + 69p. Aug. 1977. SFA 23(3)

71-005764 Musick, J. A. and Mercer, L. P. SEASONAL DISTRIBUTION OF BLACK SEA BASS, /CENTROPRISTIS STRIATA/, IN THE MID-ATLANTIC BIGHT WITH COMMENTS ON THE ECOLOGY AND FISHERIES OF THE SPECIES. *Trans. Am. Fish. Soc.* 106(1):12-25. Jan. 1977. SFA 22(3)

71-005765 Nagelkerken, W. P. BIOLOGY OF THE GRAYSBY, /EPINEPHELUS CRUENTATUS/, OF THE CORAL REEF OF CURACAO. *Stud. Fauna Curacao Other Caribb. Isl.* 60(186):1-118. 1979. SFA 25(1)

71-005766 Narasimham, K. A. SOME OBSERVATIONS ON THE BIOLOGY OF THE RIBBON FISH /EUPLEUROGRAMMUS MUTICUS/ (GRAY). *Indian J. Fish.* 21 (2): 479-494. 1974. SFA 23(2)

71-005767 Nelson, W. R. STUDIES ON THE CROAKER, /MICROPOGON UNDULATUS/ LINNAEUS, AND THE SPOT, /LEIOSTOMUS XANTHURUS/ LACEPEDE, IN MOBILE BAY, ALABAMA. *J. Mar. Sci.* 1 (1): 4-92. 1969. SFA 22(3)

71-005768 Nemecek, R. J. THE COMPARATIVE ECOLOGY OF THREE SPECIES OF DARTERS IN THE GENUS *ETHEOSTOMA: ETHEOSTOMA VARIATUM* (KIRTLAND), *ETHEOSTOMA CAERULEUM* (STORER), AND *ETHEOSTOMA ZONALE* (COPE) IN THE ALLEGHENY RIVER DRAINAGE OF WESTERN NEW YORK. *Ph.D. dissertation, Saint Bonaventure Univ.* 175p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(2):491. Aug. 1980. SFA 25(4)

71-005769 Nesterov, A. A. and Shiganova, T. A. THE EGGS AND LARVAE OF THE ATLANTIC SAURY, /SCOMBERESOX SAURUS/ OF THE NORTH ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 277-283. 1976. SFA 22(3)

71-005770 Newburg, H. J. REVIEW OF SELECTED LITERATURE ON LARGEMOUTH BASS LIFE HISTORY, ECOLOGY AND MANAGEMENT. *Minn. Dep. Nat. Resour. Invest. Rep.* No. 335. 75p. 1975. SFA 21(1).

71-005771 Ogasawara, Y. and T. Kawasaki. LIFE HISTORY OF MIGIGAREI, *DEXISTES RIKUZENIUS* (JORDAN ET STARKS), IN SENDAI BAY, WITH SPECIAL REFERENCE TO SEXUAL DIMORPHISM. *Tohoku J. Agric. Res.* 30(4):163-182. Mar. 1980. SFA 25(4)

71-005772 Olmsted, L. L. and Cloutman, D. G. LIFE HISTORY OF THE FLAT BULLHEAD, /ICTALURUS PLATYCEPHALUS/, IN LAKE NORMAN, NORTH CAROLINA. *Trans. Am. Fish. Soc.* 108 (1): 38-42. Jan. 1979. SFA 24(3)

71-005773 Ortega-Salas, A. A. SEASONAL CHANGES IN THE COMMON DAB, *LIMANDA LIMANDA* (L.) IN ISLE OF MAN WATERS. *J. Fish Biol.* 16(1):75-82. Jan. 1980. SFA 25(2)

71-005774 Ots, J-P. and Eldon, G. A. DOWNSTREAM MOVEMENT OF FRY OF /GALAXIAS FASCIATUS/ GRAY. *N. Z. J. Mar. Freshwater Res.* 9 (1): 97-99. Mar. 1975. SFA 21(3).

71-005775 Otto, C. SIZE, GROWTH, POPULATION DENSITY AND FOOD OF BROWN TROUT /SALMO TRUTTA/ L. IN TWO SECTIONS OF A SOUTH SWEDISH STREAM. *J. Fish Biol.* 8 (6): 477-488. June 1976. SFA 22(1)

71-005776 Page, G. and Magnin, E. QUELQUES ASPECTS DE LA BIOLOGIE DU MENE A NAGEOIRES ROUGES /NOTROPIS CORNUTUS/ (MITCHILL) D'UN LAC DES LAURENTIDES AU QUEBEC. [SOME ASPECTS OF THE BIOLOGY OF THE COMMON SHINER /NOTROPIS CORNUTUS/ (MITCHILL) IN THE LAURENTIAN LAKES OF QUEBEC.] *Nat. Can. (Que.)* 105 (5): 301-308. Sept.-Oct. 1978. In French with English summ. SFA 24(3)

71-005777 Page, L. M. and Burr, B. M. THE LIFE HISTORY OF THE SLABROCK DARTER, /ETHEOSTOMA SMITHI/, IN FERGUSON CREEK, KENTUCKY. *Ill. Nat. Hist. Surv. Biol. Note* No. 99. 12p. Dec. 1976. SFA 23(1)

71-005778 Page, L. M. REDESCRIPTION, DISTRIBUTION, VARIATION AND LIFE HISTORY NOTES ON /PERCINA MACROCEPHALA/ (PERCIDAE). *Copeia* 1978 (4): 655-664. 28 Dec. 1978. SFA 24(2)

71-005779 Page, L. M. THE LIFE HISTORY OF THE STRIPETAIL DARTER, /ETHEOSTOMA KENNICOTTI/, IN BIG CREEK, ILLINOIS. *Ill. Nat. Hist. Surv. Biol. Notes* No. 93. 15p. Feb. 1975. SFA 21(3).

71-005780 Papageorgiou, N. K. THE LENGTH WEIGHT RELATIONSHIP, AGE, GROWTH AND REPRODUCTION OF THE ROACH /RUTILUS RUTILUS/ (L.) IN LAKE VOLVI. *J. Fish Biol.* 14 (6): 529-538. June 1979. SFA 24(4)

71-005781 Parameswaran, S.; Selvaraj, C. and Radhakrishnan, S. OBSERVATIONS ON THE BIOLOGY OF /LABEO GONIUS/ (HAMILTON). *Indian J. Fish.* 21 (1): 54-75. 1974. SFA 23(2)

71-005782 Pasch, R. W.; P. A. Hackney and J. A. Holbrook II. ECOLOGY OF PADDLEFISH IN OLD HICKORY RESERVOIR, TENNESSEE, WITH EMPHASIS ON FIRST-YEAR LIFE HISTORY. *Trans. Am. Fish. Soc.* 109(2):157-167. Mar. 1980. SFA 25(2)

71-005783 Pathak, S. C. LENGTH-WEIGHT RELATIONSHIP, CONDITION FACTOR AND FOOD STUDY OF /LABEO CALBASU/ (HAMILTON) FROM LONI RESERVOIR (M.P.). *J. Inland Fish. Soc. India* 7: 58-64. Dec. 1975. SFA 24(3)

71-005784 Patnaik, S. and S. Jena. SOME ASPECTS OF BIOLOGY OF *LATES CALCARIFER* (BLOCH) FROM CHILKA LAKE. *Indian J. Fish.* 23(1/2):65-71. 1976. SFA 25(2)

71-005785 Patnaik, S. SOME ASPECTS OF THE FISHERY AND BIOLOGY OF THE CHILKA KHURANTI, /RHABDOSARGUS SARBA/ (FORSKAL). *J. Inland Fish. Soc. India* 5: 102-114. Dec. 1973. SFA 24(3)

71-005786 Payne, A. I. THE REPRODUCTIVE CYCLE, CONDITION AND FEEDING IN /BARBUS LIBERIENSIS/, A TROPICAL STREAM-DWELLING CYPRINID. *J. Zool. (Lond.)* 176 (2): 247-269. June 1975. SFA 22(3)

71-005787 Pearcy, W. G.; Hosie, M. J. and Richardson, S. L. DISTRIBUTION AND DURATION OF PELAGIC LIFE OF LARVAE OF DOVER SOLE, /MICROSTOMUS PACIFICUS/; REX SOLE, /GLYPTOCEPHALUS ZACHIRUS/; AND PETRALE SOLE, /EOPSETTA JORDANI/, IN WATERS OFF OREGON. *NOAA Fish. Bull.* 75 (1): 173-183. Jan. 1977. SFA 22(3)

71-005788 Peterson, R. H.; R. H. Johansen and J. L. Metcalfe. OBSERVATIONS ON EARLY LIFE STAGES OF ATLANTIC TOMCOD, *MICROGADUS TOMCOD. NOAA Fish. Bull.* 78(1):147-158. 1980. SFA 25(4)

71-005789 Petrova, N. A. THE BIOLOGY OF THE INCONNU, /STENODUS LEUCICHTHYS NELMA/, FROM THE IRTYSH RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 17-27. 1976. SFA 22(3)

71-005790 Pflieger, W. L. DISTRIBUTION, STATUS, AND LIFE HISTORY OF THE NIANGUA DARTER, /ETHEOSTOMA NIANGUAE/. *Mo. Dep. Conserv. Aquatic Ser.* No. 16 24p. 1978. SFA 24(4)

71-005791 Pierce, R. J. LIFE HISTORY AND ECOLOGICAL ENERGETICS OF THE GIZZARD SHAD (/DOROSOMA CEPEDIANUM/) IN ACTON LAKE, OHIO. *Ph.D. dissertation, Miami Univ.* 214p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1606. Oct. 1977. SFA 23(3)

71-005792 Pitt, T. K. THE BIOLOGY AND FISHERY OF AMERICAN PLAICE (/HIPPOGLOSSOIDES PLATESSOIDES/ [FABRICIUS]) WITH SPECIAL REFERENCE TO THE GRAND BANK. *Ph.D. dissertation, Memorial Univ. Newfoundland* 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1013. Sept. 1977. SFA 23(3)

71-005793 Popov, P. A. THE MORPHOLOGICAL AND ECOLOGICAL CHARACTERISTICS OF THE SIBERIAN DACE, /LEUCISCUS LEUCISCUS BAICALENSIS/ FROM THE TANAMA RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 901-906. 1975. SFA 22(1)

71-005794 Potter, I. C. and Beamish, F. W. H. THE FRESHWATER BIOLOGY OF ADULT ANADROMOUS SEA LAMPREYS /PETROMYZON MARINUS/. *J. Zool. (Lond.)* 181 (1): 113-130. Jan. 1977. SFA 23(1)

71-005795 Poznanin, L. P.,(ed.). ICHTHYOLOGY. *Translated from Russian and published for the Department of the Interior and the National Science Foundation, Washington, D.C. by Amerind Publishing Co. Pvt. Ltd., New Delhi, India.* 117p. 1977. SFA 23(3)

71-005796 Rangaswamy, C. P. STUDIES ON THE AGE AND GROWTH AND FOOD HABITS OF THE GREY MULLET, /MUGIL CEPHALUS/ LINNAEUS OF THE LAKE PULICAT. *J. Inland Fish. Soc. India* 5: 9-22. Dec. 1973. SFA 24(3)

71-005797 Rasmussen, K. UDBREDELSE OG FODEBIOLOGI HOS BRAKVANDSHELTEN, /COREGONUS LAVARETUS/ (L.) I NISSUM FJORD. [DISTRIBUTION AND FEEDING BIOLOGY OF THE BRACKISH WATER WHITEFISH /COREGONUS LAVARETUS/ (L.) IN THE NISSUM FJORD.] *Medd. Ferskvandsfiskerilab. Dan. Fisk.-Havunders.* 1/79. 18p. 1979. In Danish with English summ. SFA 24(3)

71-005798 Redkozubov, I. Yu. and Movchan, V. A. A CONTRIBUTION TO STUDY OF THE LAKE FROLIKH CHAR [/SALVELINUS ALPINUS ERYTHRINUS/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):289-291. 1974. SFA 21(2).

71-005799 Reimers, N. A HISTORY OF A STUNTED BROOK TROUT POPULATION IN AN ALPINE LAKE: A LIFESPAN OF 24 YEARS. *Calif. Fish Game* 65(4):196-215. Oct. 1979. SFA 25(1)

71-005800 Relyea, K.; T. Vaughan and J. Ferguson. NOTES ON *PSEUDOCHROMIS* RÜPPEL 1835 IN THE NORTHERN ARABIAN GULF. *Senckenbergiana Biol.* 60(3/4):141-146. 1980. SFA 25(3)

71-005801 Richards, C. E. and Castagna, M. DISTRIBUTION, GROWTH, AND PREDATION OF JUVENILE WHITE MULLET (/MUGIL CUREMA/) IN OCEANSIDE WATERS OF VIRGINIA'S EASTERN SHORE. *Chesapeake Sci.* 17 (4): 308-309. Dec. 1976. SFA 22(1)

71-005802 Richards, S. W.; Mann, J. M. and Walker, J. A. COMPARISON OF SPAWNING SEASONS, AGE, GROWTH RATES, AND FOOD OF TWO SYMPATRIC SPECIES OF SEAROBINS, /PRIONOTUS CAROLINUS/ AND /PRIONOTUS EVOLANS/, FROM LONG ISLAND SOUND. *Estuaries* 2(4):255-268. Dec. 1979. SFA 25(1)

71-005803 Rinne, J. N. NOTES ON THE OCCURRENCE AND BIOLOGY OF *XENOCLARIAS* GREENWOOD (SILURIFORMES: CLARIIDAE) IN LAKE VICTORIA, EAST AFRICA. *J. Nat. Hist.* 14(4):579-587. July-Aug. 1980. SFA 25(4)

71-005804 Rivas, L. R. and D. McClellan. SUMMARY OF RESEARCH ON WESTERN NORTH ATLANTIC SHARKS CONDUCTED BY THE NATIONAL MARINE FISHERIES SERVICE, SOUTHEAST FISHERIES CENTER, MIAMI LABORATORY. *Fla. Sci.* 43(Suppl. 1):11. 1980. Abstract only. SFA 25(2)

71-005805 Robbins, W. H. and MacCrimmon, H. R. VITAL STATISTICS AND MIGRATORY PATTERNS OF A POTAMODROMOUS STOCK OF SMALLMOUTH BASS, /MICROPTERUS DOLOMIEUI/. *J. Fish. Res. Board Can.* 34(1):142-147. Jan. 1977. In English with French summ. SFA 22(2)

71-005806 Robertson, A. I. ECOLOGY OF JUVENILE KING GEORGE WHITING /SILLAGINODES PUNCTATUS/ (CUVIER & VALENCIENNES) (PISCES: PERCIFORMES) IN WESTERN PORT, VICTORIA. *Aust. J. Mar. Freshwater Res.* 28 (1): 35-43. Feb. 1977. SFA 22(3)

71-005807 Robertson, D. A. PLANKTONIC STAGES OF /MAUROLICUS MUELLERI/ (TELEOSTEI: STERNOPTYCHIDAE) IN NEW ZEALAND WATERS. *N. Z. J. Mar. Freshwater Res.* 10 (2): 311-328. June 1976. SFA 21(3).

71-005808 Robison, B. H. OBSERVATIONS ON LIVING JUVENILE SPECIMENS OF THE SLENDER MOLA, /RANZANIA LAEVIS/ (PISCES, MOLIDAE). *Pac. Sci.* 29 (1): 27-29. Jan. 1975. SFA 22(3)

71-005809 Rohde, F. C.; Arndt, R. G. and Wang, J. C. S. LIFE HISTORY OF THE FRESHWATER LAMPREYS, /OKKELBERGIA AEPYPTERA/ AND /LAMPETRA LAMOTTENII/ (PISCES: PETROMYZONIDAE), ON THE DELMARVA PENINSULA (EAST COAST, UNITED STATES). *Bull. South. Calif. Acad. Sci.* 75(2):99-111. Aug. 1976. SFA 22(2)

71-005810 Rohr, B. A. and Gutherz, E. J. BIOLOGY OF OFFSHORE HAKE, /MERLUCCIUS ALBIDUS/, IN THE GULF OF MEXICO. *NOAA Fish. Bull.* 75 (1): 147-158. Jan. 1977. SFA 22(3)

71-005811 Rombough, P. J.; Barbour, S. E. and Kerekes, J. J. LIFE HISTORY AND TAXONOMIC STATUS OF AN ISOLATED POPULATION OF ARCTIC CHAR, /SALVELINUS ALPINUS/, FROM GROS MORNE NATIONAL PARK, NEWFOUNDLAND. *J. Fish. Res. Board Can.* 35 (12): 1537-1541. Dec. 1978. In English with French summ. SFA 24(2)

71-005812 Ronsivalli, L. J. SHARKS AND THEIR UTILIZATION. *Mar. Fish. Rev.* 40 (2): 1-13. Feb. 1978. SFA 23(3)

71-005813 Rupprecht, R. J. and L. A. Jahn. BIOLOGICAL NOTES ON BLUE SUCKERS IN THE MISSISSIPPI RIVER. *Trans. Am. Fish. Soc.* 109(3):323-326. May 1980. SFA 25(4)

71-005814 Ryan, J. J. THE COD FAMILY AND ITS UTILIZATION. *Mar. Fish. Rev.* 41(11):25-36. Nov. 1979. SFA 25(2)

71-005815 Sahrhage, D. and R. Schöne. BIOLOGISCHE UNTERSUCHUNGEN AM BLAUEN WITTLING (*MICROMESISTIUS POUTASSOU*) IM NORDOSTATLANTIK. [BIOLOGICAL INVESTIGATIONS ON THE BLUE WHITING (*MICROMESISTIUS POUTASSOU*) IN THE NORTHEAST ATLANTIC.] *Arch. Fischereiwiss.* 30(2-3):81-120. Mar. 1980. In German with English summ. SFA 25(3)

71-005816 Sakamoto, T. and Suzuki, K. [SPAWNING BEHAVIOR AND EARLY LIFE HISTORY OF THE PORCUPINE PUFFER, /DIODON HOLACANTHUS/, IN AQUARIA.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9: 225-234. 1979. In Japanese with English summ. SFA 24(4)

71-005817 Sandow, J. T., Jr.; Holder, D. R. and McSwain, L. E. LIFE HISTORY OF THE REDBREAST SUNFISH IN THE SATILLA RIVER, GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 279-295. 1975. SFA 21(3).

71-005818 Savvaitova, K. A.; Medvedeva, Ye. D. and Maksimov, V. A. THE DEEPWATER CHAR (/SALVELINUS/, SALMONIDAE, SALMONIFORMES) OF THE NORIL'SK LAKES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 835-850. 1977. SFA 24(1)

71-005819 Schaffer, W. M. and Elson, P. F. THE ADAPTIVE SIGNIFICANCE OF VARIATIONS IN LIFE HISTORY AMONG LOCAL POPULATIONS OF ATLANTIC SALMON IN NORTH AMERICA. *Ecology* 56(3):577-590. 1975. SFA 22(3)

71-005820 Schenck, J. R. and Whiteside, B. G. DISTRIBUTION, HABITAT PREFERENCE AND POPULATION SIZE ESTIMATE OF /ETHEOSTOMA FONTICOLA/. *Copeia.* 1976(4):697-703. 30 Dec. 1976. SFA 22(2)

71-005821 Schmidt, R. E. and Whitworth, W. R. DISTRIBUTION AND HABITAT OF THE SWAMP DARTER (/ETHEOSTOMA FUSIFORME/) IN SOUTHERN NEW ENGLAND. *Am. Midl. Nat.* 102(2):408-413. Oct. 1979. SFA 25(1)

71-005822 Schmidt, R. E. THE DISTRIBUTION AND HABITAT OF /ETHEOSTOMA FUSIFORME/ WITH EMPHASIS ON SOUTHERN NEW ENGLAND. *Ph.D. dissertation, Univ. Conn.* 45 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-005823 Seethaler, K. LIFE HISTORY AND ECOLOGY OF THE COLORADO SQUAWFISH (*PTYCHOCHEILUS LUCIUS*) IN THE UPPER COLORADO RIVER BASIN. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:45-46. 30 Jan. 1980. Abstract only. SFA 25(3)

71-005824 Seshappa, G. ON THE FISHERY AND BIOLOGY OF THE LARGE TONGUE-SOLE, /CYNOGLOSSUS DUBIUS/ DAY, AT CALICUT, KERALA. *Indian J. Fish.* 21(2):345-356. 1974. SFA 23(2)

71-005825 Settles, W. H. and Hoyt, R. D. AGE STRUCTURE, GROWTH PATTERNS, AND FOOD HABITS OF THE SOUTHERN REDBELLY DACE /CHROSOMUS ERYTHROGASTER/ IN KENTUCKY. *Trans. Ky. Acad. Sci.* 37(1-2):1-10. Mar. 1976. SFA 21(4)

71-005826 Setzler, E. M. A QUANTITATIVE STUDY OF THE MOVEMENT OF LARVAL AND JUVENILE SCIAENIDAE AND ENGRAULIDAE INTO THE ESTUARINE NURSERY GROUNDS OF DOBOY SOUND, SAPELO ISLAND, GEORGIA. *Ph.D. dissertation, Univ. Ga.* 260p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1086. Sept. 1977. SFA 23(3)

71-005827 Setzler, E. M.; W. R. Boynton; K. V. Wood; H. H. Zion; L. Lubbers; N. K. Mountford; P. Frere; L. Tucker and J. A. Mihursky. SYNOPSIS OF BIOLOGICAL DATA ON STRIPED BASS, *MORONE SAXATILIS* (WALBAUM). *NOAA Tech. Rep. NMFS Circ.* 433. vi + 69p. June 1980. SFA 25(4)

71-005828 Shafi, M. and Quddus, M. M. A. OBSERVATIONS ON THE BIOLOGY OF THE BROWN POMFRET, /PARASTROMATEUS NIGER/ (BLOCH) FROM THE BAY OF BENGAL. *Bangladesh J. Sci. Ind. Res.* 12 (1-2): 28-33. Jan.-Apr. 1977. SFA 23(2)

71-005829 Shubnikov, D. A. CHARACTERISTICS OF THE STRUCTURE AND ECOLOGY OF COASTAL-ESTUARINE FISH OF THE INDIAN OCEAN. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (5): 454-459. Sept.-Oct. 1978. SFA 24(4)

71-005830 Shubnikov, D. A. BIOLOGY OF THE INDIAN MACKEREL (/RASTRELLIGER KANAGURTA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 698-709. 1975. SFA 22(1)

71-005831 Shute, P. E.; J. R. Shute and D. G. Lindquist. SPAWNING, FECUNDITY, AND DIET OF THE WACCAMAW KILLIFISH, *FUNDULUS WACCAMENSIS*. *J. Elisha Mitchell. Sci. Soc.* 95(2):124. 1979. Abstract only. SFA 25(4)

71-005832 Sigler, W. F. and Workman, G. W. THE BONNEVILLE CISCO OF BEAR LAKE. *Utah Agric. Exp. Stn. Res. Rep.* 33. 34p. May 1978. SFA 24(3)

71-005833 Silverman, M. J. BIOLOGICAL AND FISHERIES DATA ON BLACK DRUM, /POGONIAS CROMIS/ (LINNAEUS). *Ser. Rep. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech.* No. 22. vii + 35p. Oct. 1979. SFA 25(1)

71-005834 Smith-Pollard, L. PADDLEFISH. *Outdoor Okla.* 36(3):16-20. Mar. 1980. SFA 25(2)

71-005835 Smith, R. W. and Daiber, F. C. BIOLOGY OF THE SUMMER FLOUNDER, /PARALICHTHYS DENTATUS/, IN DELAWARE BAY. *NOAA Fish. Bull.* 75 (4): 823-830. Oct. 1977. SFA 23(2)

71-005836 Smith, W. G. and Wells, A. BIOLOGICAL AND FISHERIES DATA ON STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 4. iii + 42p. May 1977. SFA 23(3)

71-005837 Solovkina, L. N. THE EUROPEAN CISCO [/COREGONUS ALBULA SARDINELLA/] OF THE PECHORA BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):666-677. 1974. SFA 21(2).

71-005838 Soltz, D. L. VARIATION IN LIFE HISTORY AND SOCIAL ORGANIZATION OF SOME POPULATIONS OF NEVADA PUPFISH, /CYPRINODON NEVADENSIS/. *Ph.D. dissertation, Univ. Calif. (Los Angeles)* 160p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(9), 1975. SFA 21(1)

71-005839 Starnes, W. C. THE ECOLOGY AND LIFE HISTORY OF THE ENDANGERED SNAIL DARTER, /PERCINA (IMOSTOMA) TANASI/ ETNIER. *Tenn. Wildl. Resour. Agency Fish. Res. Rep.* 77-52. 143p. 1977. SFA 23(1)

71-005840 Starnes, W. C. THE ECOLOGY AND LIFE HISTORY OF THE ENDANGERED SNAIL DARTER, /PERCINA (IMOSTOMA) TANASI/ ETNIER. *Ph.D. dissertation, Univ. Tenn.* 154p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(2):491. Aug. 1977. SFA 24(1)

71-005841 Stasiak, R. H. REPRODUCTION, AGE, AND GROWTH OF THE FINESCALE DACE, /CHROSOMUS NEOGAEUS/, IN MINNESOTA. *Trans. Am. Fish. Soc.* 107 (5): 720-723. Sept. 1978. SFA 24(1)

71-005842 Stewart, D. D. A PRELIMINARY STUDY OF THE BIOLOGY OF THE STURGEON CHUB (*HYBOPSIS GELIDA*) IN THE POWDER RIVER IN WYOMING. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:38-41. 1980. SFA 25(4)

71-005843 Stillwell, C. E. and Casey, J. G. OBSERVATIONS ON THE BIGEYE THRESHER SHARK, /ALOPIAS SUPERCILIOSUS/, IN THE WESTERN NORTH ATLANTIC. *NOAA Fish. Bull.* 74(1):221-225. Jan. 1973. SFA 21(1).

71-005844 Sturgess, J. A. and Moyle, P. B. BIOLOGY OF RAINBOW TROUT (/SALMO GAIRDNERI), BROWN TROUT (/S. TRUTTA/) AND INTERIOR DOLLY VARDEN (/SALVELINUS CONFLUENTUS/) IN THE MCCLOUD RIVER, CALIFORNIA, IN RELATION TO MANAGEMENT. *Cal-Neva Wildl. Trans.* p. 239-250. 1978. SFA 24(3)

71-005845 Sturm, M. G. de L. ASPECTS OF THE BIOLOGY OF /SCOMBEROMORUS MACULATUS/ (MITCHILL) IN TRINIDAD. *J. Fish Biol.* 13 (2): 155-172. Aug. 1978. SFA 24(1)

71-005846 Suzuki, K.; Kobayashi, K.; Hioki, S. and Sakamoto, T. [ECOLOGICAL STUDIES OF THE ANTHIINE FISH, /FRANZIA SQUAMIPINNIS/, IN SURUGA BAY, JAPAN.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9: 271-287. 1979. In Japanese with English summ. SFA 24(4)

71-005847 Tanasiychuk, V. S. THE ADAPTIVE CAPABILITIES OF THE PIKE-PERCH [/LUCIOPERCA LUCIOPERCA/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):698-706. 1974. SFA 21(2).

71-005848 Taphorn, D. C. and C. G. Lilyestrom. *PIABUCINA PLEUROTAENIA* REGAN, A SYNONYM OF *P. ERYTHRINOIDES* VALENCIENNES (PISCES: LEBIASINIDAE); ITS DISTRIBUTION, DIET AND HABITAT IN LAKE MARACAIBO BASIN, VENEZUELA. *Copeia* 1980(2):335-340. 1 May 1980. SFA 25(3)

71-005849 Targett, T. E. A CONTRIBUTION TO THE BIOLOGY OF THE PUFFERS /SPHOEROIDES TESTUDINEUS/ AND /SPHOEROIDES SPENGLERI/ FROM BICAYNE BAY, FLORIDA. *NOAA Fish. Bull.* 77 (1): 292-295. Jan. 1979. SFA 24(3)

71-005850 Taubert, B. D. BIOLOGY OF SHORTNOSE STURGEON (*ACIPENSER BREVIROSTRUM*) IN THE HOLYOKE POOL, CONNECTICUT RIVER, MASSACHUSETTS. *Ph.D. dissertation, Univ. Mass.* 149p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):794. Sept. 1980. SFA 25(4)

71-005851 Thompson, G. E. and Davies, R. W. OBSERVATIONS ON THE AGE, GROWTH, REPRODUCTION, AND FEEDING OF MOUNTAIN WHITEFISH (/PROSOPIUM WILLIAMSONI/) IN THE SHEEP RIVER, ALBERTA. *Trans. Am. Fish. Soc.* 105 (2): 208-219. Mar. 1976. SFA 21(2).

71-005852 Thompson, R. and Munro, J. L. ASPECTS OF THE BIOLOGY AND ECOLOGY OF CARIBBEAN REEF FISHES: SERRANIDAE (HINDS AND GROUPERS). *J. Fish Biol.* 12 (2): 115-146. Feb. 1978. SFA 23(3)

71-005853 Thorpe, J. E. MORPHOLOGY, PHYSIOLOGY, BEHAVIOR, AND ECOLOGY OF /PERCA FLUVIATILIS/ L. AND /P. FLAVESCENS/ MITCHILL. *J. Fish. Res. Board Can.* 34 (10): 1504-1514. Oct. 1977. In English with French summ. SFA 23(1)

71-005854 Trunov, I. A. and Malevanyy, A. P. ON THE ECOLOGY OF SEAROBINS [TRIGLIDAE] OFF NAMIBIA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):367-373. 1974. SFA 21(2).

71-005855 Tsunikova, E. P. ECOLOGICAL CHARACTERISTICS OF THE LIMAN PERIOD OF LIFE OF THE TARAN, /RUTILUS RUTILUS HECKELI/. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 9 (1): 84-88. Jan.-Feb. 1978. SFA 24(2)

71-005856 Tsyplakov, E. P. MIGRATIONS AND DISTRIBUTION OF THE STERLET, *ACIPENSER RUTHENUS*, IN KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):905-912. 1978. SFA 25(2)

71-005857 Tuunainen, P. HARJUKSEN, *THYMALLUS THYMALLUS* (L.) KASVU RAVINTO JA KANNAN IKÄRAKENNE NÄÄTÄMÖNJOEN VESISTÖN LATVAOSISSA. [THE GROWTH, FOOD AND AGE OF GRAYLING, *THYMALLUS THYMALLUS* (L.), FROM THE UPPER PART OF THE NÄÄTÄMÖNJOKI RIVER SYSTEM.] *Suom. Kalatalous* No. 48. p. 5-20. 1978. In Finnish with English summ. SFA 25(4)

71-005858 Usmanova, R. G. ECOLOGICAL VARIABILITY OF THE "TURKESTAN GUDGEON" (/GOBIO GOBIO LEPIDOLAEMUS/) OF THE KASHKADAR'YA BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 724-729. 1975. SFA 22(1)

71-005859 Usynin, V. F. THE BIOLOGY OF THE CHULYM RIVER STERLET, /ACIPENSER RUTHENUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):544-555. 1978. SFA 25(1)

71-005860 van den Broek, W. L. F. ASPECTS OF THE BIOLOGY OF /SPRATTUS SPRATTUS/ (L.) IN THE MEDWAY ESTUARY. *J. Fish Biol.* 15(4):437-447. Oct. 1979. SFA 25(1)

71-005861 Varley, J. D. and Livesay, J. C. UTAH ECOLOGY AND LIFE HISTORY OF THE UTAH CHUB, /GILA ATRARIA/, IN FLAMING GORGE RESERVOIR, UTAH-WYOMING. *Utah Div. Wildl. Res. Publ.* No. 76-16. 29p. 1976. SFA 22(3)

71-005862 Vogele, L. E. THE SPOTTED BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 34-45. 1975. SFA 21(3).

71-005863 Volobuyev, V. V. SYSTEMATICS AND ECOLOGY OF THE "NEYVA" (/SALVELINUS NEIVA/) A CHAR FROM LAKE UYEGINSKOYE (OKHOTA RIVER BASIN). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 901-910. 1976. SFA 23(3)

71-005864 Vooren, C. M. NURSERY GROUNDS OF TARAKIHI (TELEOSTEI: CHEILODACTYLIDAE) AROUND NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 9(2):121-158. June 1975. SFA 21(3).

71-005865 Vyshegorodtsev, A. A. THE SIBERIAN CISCO, /COREGONUS ALBULA SARDINELLA/, FROM THE YURIBEY RIVER (GYDA BAY BASIN). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 16-24. 1977. SFA 23(3)

71-005866 Walker, R. E. and Applegate, R. L. GROWTH, FOOD, AND POSSIBLE ECOLOGICAL EFFECTS OF YOUNG-OF-THE-YEAR WALLEYES IN A SOUTH DAKOTA PRAIRIE POTHOLE. *Prog. Fish-Cult.* 38(4):217-220. Oct. 1976. SFA 21(4).

71-005867 Warden, R. L., Jr. and W. A. Hubert. COMPARATIVE LIFE HISTORY FEATURES OF YOUNG-OF-YEAR SMALLMOUTH AND LARGEMOUTH BASS IN PICKWICK RESERVOIR. *J. Tenn. Acad. Sci.* 55(2):58-60. Apr. 1980. SFA 25(2)

71-005868 Waterman, J. J. THE HADDOCK. *Tory Res. Stn. Advis. Note* No. 67 13p. 1975. SFA 21(1).

71-005869 Weaver, R. O. and Ziebell, C. D. ECOLOGY AND EARLY LIFE HISTORY OF LARGEMOUTH BASS AND BLUEGILL IN IMPERIAL RESERVIOR, ARIZONA. *Southwest. Nat.* 21 (2): 151-160. 25 June 1976. SFA 22(2)

71-005870 Wells, A. W. NOTES ON THE LIFE HISTORY OF THE CALIFORNIA CLINGFISH, /GOBIESOX RHESSODON/ (GOBIESOCIFORMES, GOBIESOCIDAE). *Calif. Fish Game* 65 (2): 106-110. Apr. 1979. SFA 24(3)

71-005871 Wenner, C. A. and Musick, J. A. BIOLOGY OF THE MORID FISH /ANTIMORA ROSTRATA/ IN THE WESTERN NORTH ATLANTIC. *J. Fish. Res. Board Can.* 34 (12): 2362-2368. Dec. 1977. In English with French summ. SFA 23(2)

71-005872 Wenner, C. A. ASPECTS OF THE BIOLOGY AND MORPHOLOGY OF THE SNAKE EEL, /PISODONOPHIS CRUENTIFER/ (/PISCES, OPHICHTHIDAE). *J. Fish. Res. Board Can.* 33 (4,1): 656-665. Apr. 1976. In English with French summ. SFA 21(2).

71-005873 Wenner, C. A. NOTES ON FISHES OF THE GENUS /PARALIPARIS/ (CYCLOPTERIDAE) ON THE MIDDLE ATLANTIC CONTINENTAL SLOPE. *Copeia* 1979 (1): 145-146. 20 Feb. 1979. SFA 24(2)

71-005874 Westin, D. T. and Rogers, B. A. SYNOPSIS OF BIOLOGICAL DATA ON THE STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM) 1792. *Univ. R.I. Mar. Tech. Rep.* 67. 154p. 1978. SFA 23(4)

71-005875 Westin, D. T.; Abernethy, K. J.; Meller, L. E. and Rogers, B. A. SOME ASPECTS OF BIOLOGY OF THE AMERICAN SAND LANCE, /AMMODYTES AMERICANUS/. *Trans. Am. Fish. Soc.* 108 (3): 328-331. May 1979. SFA 24(4)

71-005876 White, D. S. THE BIOLOGY OF /MINYTREMA MELANOPS/ (RAFINESQUE), THE SPOTTED SUCKER. *Ph.D. dissertation, Univ. Louisville* 203p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-005877 White, M. L. and Chittenden, M. E., Jr. AGE DETERMINATION, REPRODUCTION, AND POPULATION DYNAMICS OF THE ATLANTIC CROAKER, /MICROPOGONIAS UNDULATUS/. *NOAA Fish. Bull.* 75 (1): 109-123. Jan. 1977. SFA 22(3)

71-005878 Whyte, S. A. DISTRIBUTION, TROPHIC RELATIONSHIPS AND BREEDING HABITS OF THE FISH POPULATIONS IN A TROPICAL LAKE BASIN (LAKE BOSUMTWI-GHANA). *J. Zool. (Lond.)* 177 (1): 25-26. Sept. 1975. SFA 22(3)

71-005879 Wiley, J. W. LIFE HISTORIES AND SYSTEMATICS OF THE WESTERN NORTH AMERICAN GOBIES /LYTHRYPNUS DALLI/ (GILBERT) AND /LYTHRYPNUS ZEBRA/ (GILBERT). *Trans. San Diego Soc. Nat. Hist.* 18 (10): 169-184. 5 Oct. 1976. SFA 24(1)

71-005880 Wilk, S. J. BIOLOGICAL AND FISHERIES DATA ON BLUEFISH, /POMATOMUS SALTATRIX/ (LINNAEUS). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 11. vii + 56p. Aug. 1977. SFA 23(3)

71-005881 Wilk, S. J. BIOLOGICAL AND FISHERIES DATA ON WEAKFISH, /CYNOSCION REGALIS/ (BLOCH AND SCHNEIDER). *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 21. x + 49p. Feb. 1979. SFA 24(3)

71-005882 Willoughby, N. G. and Tweddle, D. THE ECOLOGY OF THE CATFISH /CLARIAS GARIEPINUS/ AND /CLARIAS NGAMENSIS/ IN THE SHIRE VALLEY, MALAWI. *J. Zool. (Lond.)* 186 (4): 507-534. Dec. 1978. SFA 24(2)

71-005883 Wolfe, D. C. and Webb, B. F. SLENDER TUNA (/ALLOTHUNNUS FALLAI/ SERVENTY): FIRST RECORD OF BULK CATCHES, TASMANIA, 1974. *Aust. J. Mar. Freshwater Res.* 26 (2): 213-221. July 1976. SFA 21(4).

71-005884 Yamnaka, H. [TUNAS AND OCEANIC CONDITIONS.] *J. Oceanogr. Soc. Jpn., 20th Anniv. Vol.* 663-678. 1962. In Japanese with English summ. SFA 22(3)

71-005885 Yaremenko, V. V. THE ECOLOGY OF THE TSIMLYANSK RESERVOIR VIMBA (/VIMBA VIMBA CARINATA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 595-599. 1974. SFA 21(2).

71-005886 Yoshida, H. O. SYNOPSIS OF BIOLOGICAL DATA ON TUNAS OF THE GENUS /EUTHYNNUS/. *NOAA Tech. Rep. NMFS Circ.* 429. iv + 57p. Oct. 1979. SFA 25(1)

71-005887 Yoshida, H. O. SYNOPSIS OF BIOLOGICAL DATA ON BONITOS OF THE GENUS *SARDA*. *NOAA Tech. Rep. NMFS Circ.* 432. iv + 50p. May 1980. SFA 25(3)

71-005888 Yuen, H., (ed.). 1977 BRISTOL BAY SOCKEYE SALMON SMOLT STUDIES. *Alaska Dep. Fish Game Tech. Data Rep.* No. 41. 35p. 1978. SFA 24(4)

71-005889 Zaret, T. M. LIFE HISTORY AND GROWTH RELATIONSHIPS OF *CICHLA OCELLARIS*, A PREDATORY SOUTH AMERICAN CICHLID. *Biotropica* 12(2):144-157. June 1980. In English with Spanish summ. SFA 25(4)

71-005890 Zelinskiy, Yu. P. KARYOTYPES OF THE ATLANTIC SALMON (/SALMO SALAR/) OF THE LANDLOCKED POPULATION OF THE KUYTO LAKES (WHITE SEA BASIN). *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1018-1023. 1976. SFA 23(3)

71-005891 Zilanov, V. K. and Shepel', L. I. NOTES ON THE ECOLOGY OF THE BLACK SCABBARDFISH, /APHANOPUS CARBO/, OF THE NORTH ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 661-663. 1975. SFA 21(3).

71-005892 Adams, G. F. and Olver, C. H. YIELD PROPERTIES AND STRUCTURE OF BOREAL PERCID COMMUNITIES IN ONTARIO. *J. Fish. Res. Board Can.* 34 (10): 1613-1625. Oct. 1977. In English with French summ. SFA 23(1)

71-005893 Adams, S. M. THE ECOLOGY OF EELGRASS, /ZOSTERA MARINA/ (L.), FISH COMMUNITIES. II. FUNCTIONAL ANALYSIS. *J. Exp. Mar. Biol. Ecol.* 22(3):293-311. June 1976. SFA 21(3).

71-005894 Adams, S. M. THE ECOLOGY OF EELGRASS, /ZOSTERA MARINA/ (L.), FISH COMMUNITIES. I. STRUCTURAL ANALYSIS. *J. Exp. Mar. Biol. Ecol.* 22(3):269-291. June 1976. SFA 21(3).

71-005895 Ager, L. M. EXPLOITATION AND MORTALITY OF LARGEMOUTH BASS IN LAKE TOBESOFKEE, GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:429-436. 1978[1979]. SFA 25(2)

71-005896 Alaska Department of Fish and Game. PRELIMINARY FORECASTS AND PROJECTIONS FOR 1980 ALASKAN SALMON FISHERIES. *Alaska Dep. Fish Game Inf. Leafl.* No. 183. i + 37p. Jan. 1980. SFA 25(2)

71-005897 Allen, L. G. STRUCTURE AND PRODUCTIVITY OF THE LITTORAL FISH ASSEMBLAGE OF UPPER NEWPORT BAY, CALIFORNIA. *Ph.D. dissertation, Univ. South. Calif.* 1980. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5523. June 1980. SFA 25(3)

71-005898 Anderson, E. D. ASSESSMENT OF THE NORTHWEST ATLANTIC MACKEREL, /SCOMBER SCOMBRUS/, STOCK. *NOAA Tech. Rep. NMFS SSRF* 732. iv + 13p. Apr. 1979. SFA 24(3)

71-005899 Angelier, M.-L. LE PEUPLEMENT PISCICOLE DU RUISSEUA DE LA MOUSQUERE (HAUTES-PYRENEES). [THE FISH POPULATION IN THE STREAM MOUSQUERE.] *Ann. Limnol.* 12 (3): 299-321. 1976. In French with English summ. SFA 22(4)

71-005900 Argue, A. W.; Patterson, L. M. and Armstrong, R. W. TRAPPING AND CODED-WIRE TAGGING OF WILD COHO, CHINOOK AND STEELHEAD JUVENILES FROM THE COWICHAN-KOKSILAH RIVER SYSTEM, 1976. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 850. vi + 117p. Mar. 1979. In English with French summ. SFA 24(3)

71-005901 Austin, H. M. and Hickey, C. R., Jr. PREDICTING ABUNDANCE OF STRIPED BASS, /MORONE SAXATILIS/, IN NEW YORK WATERS FROM MODAL LENGTHS. *NOAA Fish. Bull.* 76 (2): 467-473. Apr. 1978. SFA 23(4)

71-005902 Ayles, H. A. LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/ (MITCHILL)) IN SOUTHERN INDIAN LAKE, MANITOBA. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 640. vi + 28p. 1976. In English with French summ. SFA 22(2)

71-005903 Bagliniere, J.-L. and Fontenelle, G. LES POPULATIONS DE SAUMON ATLANTIQUE (/SALMO SALAR/, L. 1766) EN BRETAGNE ET BASSE-NORMANDIE. 3.--RECAPTURES DE SAUMONS ADULTES MARQUES AU STADE SMOLT PAR ABLATION DE LA NAGEOIRE ADIPEUSE. [THE POPULATIONS OF /SALMO SALAR/ L., 1766 IN BRITTANY AND LOWER NORMANDY. 3.--RECAPTURES OF ADULT SALMONS MARKED AS SMOLTS BY CLIPPING THE ADIPOSE FIN.] *Ann. Hydrobiol.* 8(3):401-411. 1977. In French with English summ. SFA 24(2)

71-005904 Bagliniere, J.-L. LES POPULATIONS DE SAUMON ATLANTIQUE (/SALMO SALAR/ L., 1766) EN BRETAGNE-BASSE-NORMANDE. I.--CARACTERISTIQUES DES SMOLTS DE LA RIVIERE ELLE. [THE POPULATIONS OF /SALMO SALAR/ L., 1766 IN BRITTANY-LOWER NORMANDY I.--CHARACTERISTICS OF THE SMOLTS OF THE ELLE RIVER.] *Ann. Hydrobiol.* 7 (2): 141-158. 1976. In French with English summ. SFA 22(3)

71-005905 Bahr, L. M. and Day, J. W., Jr. ENERGY COST ACCOUNTING OF FISHERY PRODUCTION IN LOUISIANA. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-005906 Barker, M. W. POPULATION AND FISHERY DYNAMICS OF RECREATIONALLY EXPLOITED MARINE BOTTOMFISH OF NORTHERN PUGET SOUND. *Ph. D. dissertation, Univ. Wash.* 143p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2497. Dec. 1979. SFA 25(2)

71-005907 Bartoo, N. W. POPULATION PARAMETER ESTIMATES AND ENERGY BUDGETS FOR PEAMOUTH, NORTHERN SQUAWFISH, AND YELLOW PERCH IN LAKE WASHINGTON. *Ph.D. dissertation, Univ. Wash.* 157p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2478. Dec. 1977. SFA 23(3)

71-005908 Bell, G.; Handford, P. and Dietz, C. DYNAMICS OF AN EXPLOITED POPULATION OF LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/). *J. Fish. Res. Board Can.* 34 (7): 942-953. July 1977. In English with French summ. SFA 22(4)

71-005909 Berg, M. TAGGING OF MIGRATING SALMON SMOLTS (/SALMO SALAR/ L.) IN THE VARDNES RIVER, TROMS, NORTHERN NORWAY. *Inst. Freshwater Res. Drottningholm Rep.* No. 56. p. 5-11. 1977. SFA 23(2)

71-005910 Bergersen, E. P. FISH PRODUCTION AND MOVEMENTS IN THE LOWER LOGAN RIVER, UTAH. *Ph.D. dissertation, Utah State Univ.* 183p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 21(1).

71-005911 Berggren, T. J. and Lieberman, J. T. RELATIVE CONTRIBUTION OF HUDSON, CHESAPEAKE, AND ROANOKE STRIPED BASS, /MORONE SAXATILIS/, STOCKS TO THE ATLANTIC COAST FISHERY. *NOAA Fish. Bull.* 76 (2): 335-345. Apr. 1978. SFA 23(4)

71-005912 Best, E. A. JUVENILE HALIBUT IN THE GULF OF ALASKA: TRAWL SURVEYS, 1970-1972. *Int. Pac. Halibut Comm. Tech. Rep.* No. 12. 64p. 1974. SFA 22(3)

71-005913 Best, E. A. JUVENILE HALIBUT IN THE EASTERN BERING SEA: TRAWL SURVEYS, 1970-1972. *Int. Pac. Halibut Comm. Tech. Rep.* No. 11. 32p. 1974. SFA 22(3)

71-005914 Birman, I. B. ON THE SIMILARITY IN THE POPULATION DYNAMICS OF THE CANADIAN SALMON, /SALMO SALAR/, AND THE AMUR AUTUMN CHUM, SALMON, /ONCORHYNCHUS KETA/ INFRASPECIES /AUTUMNALIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):672-677. 1978. SFA 25(1)

71-005915 Birman, I. B. INTRAPOPULATION GROUPINGS OF THE AMUR AUTUMN CHUM SALMON, /ONCORHYNCHUS KETA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 741-750. 1978. SFA 24(1)

71-005916 Birman, I. B. MINOR CYCLES IN THE ABUNDANCE DYNAMICS OF SALMON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 364-372. 1976. SFA 22(4)

71-005917 Bisson, P. A. and Davis, G. E. PRODUCTION OF JUVENILE CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/, IN A HEATED MODEL STREAM. *NOAA Fish. Bull.* 74 (4): 763-774. Oct. 1976. SFA 22(2)

71-005918 Bisson, P. A. ELEVATED TEMPERATURE AND THE PRODUCTION OF JUVENILE CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) IN A MODEL STREAM. *Ph.D. dissertation, Oreg. State Univ.* 86p. 1975. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-005919 Bjerknes, V. EVIDENCE OF NATURAL PRODUCTION OF PINK SALMON FRY (/ONCORHYNCHUS GORBUSCHA/ WALBAUM) IN FINNMARK, NORTH NORWAY. *Astarte* 10 (1): 5-7. 1977. SFA 23(2)

71-005920 Bjornn, T. C. SURVIVAL, PRODUCTION, AND YIELD OF TROUT AND CHINOOK SALMON IN THE LEMHI RIVER, IDAHO. *Univ. Idaho Coll. For. Wildl. Range Sci. Bull.* No. 27. 57p. Feb. 1978. SFA 23(4)

71-005921 Boaze, J. L. and Kochman, E. AN EVALUATION OF THE FISH POPULATION NORTH FORK OF THE SOUTH PLATTE RIVER. *U.S. Fish Wildl. Serv., Salt Lake City, Utah* 18p. 1977. SFA 23(1)

71-005922 Bonar, A. RELATIONS BETWEEN EXPLOITATION, YIELD, AND COMMUNITY STRUCTURE IN POLISH PIKEPERCH (/STIZOSTEDION LUCIOPERCA/) LAKES, 1966-71. *J. Fish. Res. Board Can.* 34 (10): 1576-1580. Oct. 1977. In English with French summ. SFA 23(1)

71-005923 Borisov, V. M. THE SELECTIVE EFFECT OF FISHING ON THE POPULATION STRUCTURE OF SPECIES WITH A LONG LIFE CYCLE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol)* 18(6):896-904. 1978. SFA 25(2)

71-005924 Bruger, G. E. PRELIMINARY ANALYSES OF SNOOK, *CENTROPOMUS UNDECIMALIS*, POPULATION DYNAMICS IN THE NAPLES-MARCO ISLAND REGION OF SOUTHWEST FLORIDA. *Fla. Sci.* 43(Suppl. 1):25. 1980. Abstract only. SFA 25(2)

71-005925 Bryant, M. D. LAKE WASHINGTON SOCKEYE SALMON: BIOLOGICAL PRODUCTION; AND A SIMULATED HARVEST BY THREE FISHERIES. *Ph.D. dissertation, Univ. Wash.* 173p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1003. Sept. 1977. SFA 23(3)

71-005926 Côté, G.; P. Lamoureux; J. Boulva and G. Lacroix. SÉPARATION DES POPULATIONS DE HARENG DE L'ATLANTIQUE (*CLUPEA HARENGUS HARENGUS*) DE L'ESTUAIRE DU SAINT-LAURENT ET DE LA PÉNINSULE GASPÉSIENNE. [SEPARATION OF POPULATIONS OF ATLANTIC HERRING (*CLUPEA HARENGUS*) IN THE ST. LAWRENCE ESTUARY AND THE GASPÉ PENINSULA.] *Can. J. Fish. Aquatic Sci.* 37(1):66-71. Jan. 1980. In French with English summ. SFA 25(2)

71-005927 Carlander, K. D. BIOMASS, PRODUCTION, AND YIELDS OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND YELLOW PERCH (/PERCA FLAVESCENS/) IN NORTH AMERICAN LAKES. *J. Fish. Res. Board Can.* 34 (10): 1602-1612. Oct. 1977. In English with French summ. SFA 23(1)

71-005928 Carline, R. F. PRODUCTION BY THREE POPULATIONS OF WILD BROOK TROUT WITH EMPHASIS ON INFLUENCE OF RECRUITMENT RATES. *NOAA Fish. Bull.* 75 (4): 751-765. Oct. 1977. SFA 23(2)

71-005929 Carline, R. F. INFLUENCE OF RECRUITMENT RATES ON PRODUCTION BY THREE POPULATIONS OF WILD BROOK TROUT (/SALVELINUS FONTINALIS/ MITCHELL). *Ph.D. dissertation, Univ. Wis. (Madison)* 139p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(4).

71-005930 Castro Barrera, T. ICTIOPLANCTON DE BAHIA MAGDALENA, BAJA CALIFORNIA SUR. [ICHTHYOPLANKTON OF MAGDALENA BAY, BAJA CALIFORNIA SOUTH.] *Cienc. Mar.* 2(2):10-36. Dec. 1975. In Spanish with English Summ. SFA 22(3)

71-005931 Chapman, D. W. ACOUSTIC ESTIMATES OF PELAGIC ICHTHYOMASS IN LAKE TANGANYIKA WITH AN INEXPENSIVE ECHO SOUNDER. *Trans. Am. Fish. Soc.* 105 (5): 581-587. Sept. 1976. SFA 21(4).

71-005932 Churchill, W. S. POPULATION AND BIOMASS ESTIMATES OF FISHES IN LAKE WINGRA. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 93. 8p. 1976. SFA 21(4).

71-005933 Clady, M. D. EARLY SURVIVAL AND RECRUITMENT OF SMALLMOUTH BASS IN NORTHERN MICHIGAN. *J. Wildl. Manage.* 39(1):194-200. Jan. 1975. SFA 22(2)

71-005934 Clark, S. H. and Brown, B. E. CHANGES IN BIOMASS OF FINFISHES AND SQUIDS FROM THE GULF OF MAINE TO CAPE HATTERAS, 1963-74, AS DETERMINED FROM RESEARCH VESSEL SURVEY DATA. *NOAA Fish. Bull.* 75(1):1-21. Jan. 1977. SFA 22(3)

71-005935 Clark, W. G. A STUDY OF THE VIRTUAL POPULATION OF THE PERUVIAN ANCHOVETA IN THE YEARS 1962-1972. *Ph. D. dissertation, Univ. Wash.* 351p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-005936 Colle, D. E.; Shireman, J. V.; Gasaway, R. D.; Stetler, R. L. and Haller, W. T. UTILIZATION OF SELECTIVE REMOVAL OF GRASS CARP (/CTENOPHARYNGODON IDELLA/) FROM AN 80-HECTARE FLORIDA LAKE TO OBTAIN A POPULATION ESTIMATE. *Trans. Am. Fish. Soc.* 107 (5): 724-729. Sept. 1978. SFA 24(1)

71-005937 Coulter, G. W. APPROACHES TO ESTIMATING FISH BIOMASS AND POTENTIAL YIELD IN LAKE TANGANYIKA. *J. Fish Biol.* 11(5):393-408. Nov. 1977. SFA 23(1)

71-005938 Craig, J. F. GROWTH AND PRODUCTION OF THE 1955 TO 1972 COHORTS OF PERCH, *PERCA FLUVIATILIS* L., IN WINDERMERE. *J. Anim. Ecol.* 49(1):291-315. Feb. 1980. SFA 25(3)

71-005939 Craig, J. F.; Kipling, C.; Le Cren, E. D. and McCormack, J. C. ESTIMATES OF THE NUMBERS, BIOMASS AND YEAR-CLASS STRENGTHS OF PERCH (/PERCA FLUVIATILIS/ L.) IN WINDERMERE FROM 1967 TO 1977 AND SOME COMPARISONS WITH EARLIER YEARS. *J. Anim. Ecol.* 48 (1): 315-325. Feb. 1979. SFA 24(4)

71-005940 Crisp, D. T. and Cubby, P. R. THE POPULATIONS OF FISH IN TRIBUTARIES OF THE RIVER EDEN ON THE MOOR HOUSE NATIONAL NATURE RESERVE, NORTHERN ENGLAND. *Hydrobiologia* 57 (1): 85-93. 8 Jan. 1978. SFA 23(2)

71-005941 Crisp, D. T.; Mann, R. H. K. and McCormack, J. C. THE POPULATIONS OF FISH IN THE RIVER TEES SYSTEM ON THE MOORE HOUSE NATIONAL NATURE RESERVE, WESTMORLAND. *J. Fish Biol.* 7 (5): 573-593. Sept. 1975. SFA 22(2)

71-005942 Dadzie, S. RECENT CHANGES IN THE FISHERY OF A NEW TROPICAL MAN-MADE LAKE, LAKE KAMBURU (KENYA). *J. Fish Biol.* 16(4):361-367. Apr. 1980. SFA 25(3)

71-005943 Dangel, J. R.; Helle, J. H.; Mattson, C. R. and Sears, H. S. SUMMARY OF AGE-WEIGHT-LENGTH DATA FOR SOUTHEASTERN ALASKA CHUM SALMON, 1958-1976. *Alaska Dep. Fish Game Tech. Data Rep.* No. 34. 650p. 1977. SFA 23(3)

71-005944 Darracott, A. AVAILABILITY, MORPHOMETRICS, FEEDING AND BREEDING ACTIVITY IN A MULTI-SPECIES, DEMERSAL FISH STOCK OF THE WESTERN INDIAN OCEAN. *J. Fish Biol.* 10 (1): 1-16. Jan. 1977. SFA 22(3)

71-005945 De, D. K. and Datta, P. A NOTE ON THE ANALYSIS OF SIZE FREQUENCIES OF /SETIPINNA TATY/ (VALENCIENNES) OF THE LOWER SUNDERBANS REGION (HOOGHLY-MATLAH ESTUARY). *Indian J. Fish.* 21 (1): 285-289. 1974. SFA 23(2)

71-005946 Dgebuadze, Yu. Yu.; Tryapitsyna, L. N. and Dorozhkina, T. Ya. THE STATE OF THE BREAM (/ABRAMIS BRAMA/) POPULATION AND THE CHARACTERISTICS OF THE GROWTH OF THE BREAM IN LAKE PSKOV-CHUDSKOYE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):977-987. 1976. SFA 23(3)

71-005947 Dharma Raja, S. K. and Balakrishnan, G. ON THE INDEX OF ABUNDANCE OF FLYINGFISH POPULATIONS IN THE INSHORE WATERS OF TAMIL NADU AND PONDICHERRY. *Indian J. Fish.* 21 (2): 566-568. 1974. SFA 23(2)

71-005948 Dommasnes, A. LODDEUNDERSOKELSER I BARENTSHAVET I JUNI-JULI 1978. [CAPELIN INVESTIGATIONS IN THE BARENTS SEA IN JUNE-JULY 1978.] *Fisken Havet* 1978(4):49-64. 1978. In Norwegian with English summ. SFA 24(3)

71-005949 Dommasnes, A.; Monstad, T. and Nakken, O. LODDEUNDERSOKELSER I BARENTSHAVET I JUNI OG JULI 1977. [CAPELIN INVESTIGATIONS IN THE BARENTS SEA IN JUNE AND JULY 1977.] *Fisken Havet* 1978 (2): 23-40. 1978. In Norwegian with English summ. SFA 24(2)

71-005950 Dommasnes, A.; Midttun, L. and Monstad, T. LODDEUNDERSOKELSER I BARENTSHAVET VINTEREN 1978. [CAPELIN INVESTIGATIONS IN THE BARENTS SEA DURING THE WINTER 1978.] *Fisken Havet* 1979 (1): 1-16. 1979. In Norwegian with English summ. SFA 24(4)

71-005951 Dommasnes, A.; Loeng, H. and Monstad, T. LODDEUNDERSOKELSER I BARENTSHAVET HOSTEN 1978. [CAPELIN INVESTIGATIONS IN THE BARENTS SEA DURING AUTUMN 1978.] *Fisken Havet* 1978 (1): 17-30. 1979. In Norwegian with English summ. SFA 24(4)

71-005952 Donald, D. B. and Kooyman, A. H. MIGRATION AND POPULATION DYNAMICS OF THE PEACE-ATHABASCA DELTA GOLDEYE POPULATION. *Can. Wildl. Serv. Occas. Pap.* No. 31. 21p. 1977. In English with French summ. SFA 23(1)

71-005953 Dornheim, H. STATUS OF THE HERRING STOCKS FISHED BY THE FEDERAL REPUBLIC OF GERMANY FLEET. *Mar. Fish. Rev.* 40 (4): 21-24. Apr. 1978. SFA 23(4)

71-005954 Dumas, J. DYNAMIQUE ET SEDENTARITE D'UNE POPULATION NATURALISEE DE TRUITE ARC-EN-CIEL (/SALMO GAIRDNERI/ RICHARDSON) DANS UN RUISSEAU DE MONTAGNE, L'ESTIBERE (HAUTES-PYRENEES). [DYNAMICS AND SEDENTARINESS OF A NATURALIZED POPULATION OF RAINBOW TROUT (/SALMO GAIRDNERI RICHARDSON) IN A MOUNTAIN STREAM: THE ESTIBERE (HAUTES-PYRENEES).] *Ann. Hydrobiol.* 7 (2): 115-139. 1976. In French with English summ. SFA 22(3)

71-005955 Egglashaw, H. J. and Shackley, P. E. GROWTH, SURVIVAL AND PRODUCTION OF JUVENILE SALMON AND TROUT IN A SCOTTISH STREAM, 1966-75. *J. Fish Biol.* 11 (6): 647-672. Dec. 1977. SFA 23(2)

71-005956 Fajen, O. THE STANDING CROP OF SMALLMOUTH BASS AND ASSOCIATED SPECIES IN COURTOIS CREEK. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 240-249. 1975. SFA 21(3).

71-005957 Fiedler, P. C. THE PRECISION OF SIMULATED TRANSECT SURVEYS OF NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, SCHOOL GROUPS. *NOAA Fish. Bull.* 76 (3): 679-685. July 1978. SFA 24(1)

71-005958 Forney, J. L. ABUNDANCE OF LARVAL WALLEYES (/STIZOSTEDION VITREUM/) ESTIMATED FROM THE CATCH IN HIGH-SPEED NETS. *IN Symposium on the Methodology for the Survey Monitoring and Appraisal of Fishery Resources in Lakes and Large Rivers. European Inland Fish. Advis. Comm., FAO, U.N.* EIFAC/T23(suppl. 1):581-589. 1976. In English with French summ. SFA 21(4)

71-005959 Forney, J. L. RECONSTRUCTION OF YELLOW PERCH (/PERCA FLAVESCENS/) COHORTS FROM EXAMINATION OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) STOMACHS. *J. Fish. Res. Board Can.* 34(7):925-932. July 1977. In English with French summ. SFA 22(4)

71-005960 Fujioka, J. T. A SIMULATION STUDY OF DOGFISH SHARK POPULATIONS (/SQUALUS ACANTHIAS/) IN PUGET SOUND. *Ph.D. dissertation, Univ. Wash.* 118p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2074. Nov. 1978. SFA 24(1)

71-005961 Gasaway, R. D. GROWTH, SURVIVAL AND HARVEST OF GRASS CARP IN FLORIDA LAKES. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 167-184. 1978. SFA 24(1)

71-005962 Gee, A. S.; Milner, N. J. and Hemsworth, R. J. THE PRODUCTION OF JUVENILE ATLANTIC SALMON, /SALMO SALAR/ IN THE UPPER WYE, WALES. *J. Fish Biol.* 13 (4): 439-451. Oct. 1978. SFA 24(1)

71-005963 George, C. J. THE IMPLICATION OF NEUROENDOCRINE MECHANISMS IN THE REGULATION OF POPULATION CHARACTER OR ON A MORE CHRISTIAN VIEW OF THE BLACK BOX. *Fisheries (Bull. Am. Fish. Soc.)* 2 (3): 14-19. May-June 1977. SFA 22(4)

71-005964 Germany, R. D. and Noble, R. L. POPULATION DYNAMICS OF BLUE TILAPIA IN TRINIDAD LAKE, TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:412-417. 1977[1979]. SFA 24(4)

71-005965 Germany, R. D. POPULATION DYNAMICS OF THE BLUE TILAPIA AND ITS EFFECTS ON THE FISH POPULATIONS OF TRINIDAD LAKE, TEXAS. *Ph.D. disseration, Tex. A&M Univ.* 95p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1537. Oct. 1977. SFA 23(3)

71-005966 Gibson, R. J. RECENT CHANGES IN THE POPULATION OF JUVENILE ATLANTIC SALMON IN THE MATAMEK RIVER, QUEBEC, CANADA. *J. Cons. Cons. Int. Explor. Mer* 38(2):201-207. Nov. 1978. SFA 24(2)

71-005967 Gilligan, M. R. BETA DIVERSITY OF A GULF OF CALIFORNIA ROCKY-SHORE FISH COMMUNITY. *Environ. Biol. Fishes* 5(2):109-116. 22 Apr. 1980. SFA 25(3)

71-005968 Goldspink, C. R. THE POPULATION DENSITY, GROWTH RATE AND PRODUCTION OF ROACH /RUTILUS RUTILUS/ (L.) IN TJEUKEMEER, THE NETHERLANDS. *J. Fish Biol.* 15(4):473-498. Oct. 1979. SFA 25(1)

71-005969 Goldspink, C. R. and Goodwin, D. A NOTE ON THE AGE COMPOSITION, GROWTH RATE AND FOOD OF PERCH /PERCA FLUVIATILIS/ (L.) IN FOUR EUTROPHIC LAKES, ENGLAND. *J. Fish Biol.* 14 (5): 489-505. May 1979. SFA 24(4)

71-005970 Goldspink, C. R. COMPARATIVE OBSERVATIONS ON THE GROWTH RATE AND YEAR CLASS STRENGTH OF ROACH /RUTILUS RUTILUS/ L. IN TWO CHESHIRE LAKES, ENGLAND. *J. Fish Biol.* 12 (5): 421-433. May 1978. SFA 23(4)

71-005971 Goldspink, C. R. THE POPULATION DENSITY, GROWTH RATE AND PRODUCTION OF BREAM, /ABRAMIS BRAMA/, IN TJEUKEMEER, THE NETHERLANDS. *J. Fish Biol.* 13 (4): 499-517. Oct. 1978. SFA 24(1)

71-005972 Golovan', G. A. THE COMMERCIAL AND BIOLOGICAL CHARACTERISTICS OF THE HAKE (/MERLUCCIUS MERLUCCIUS/) OF THE SOUTHEAST ATLANTIC BETWEEN OCTOBER 1969 AND JANUARY 1970. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):526-532. 1974. SFA 21(2).

71-005973 Gordon, J. D. M. THE FISH POPULATIONS IN INSHORE WATERS OF THE WEST COAST OF SCOTLAND. THE DISTRIBUTION, ABUNDANCE AND GROWTH OF THE WHITING (/MERLANGIUS MERLANGUS/ L.). *J. Fish Biol.* 10 (6): 587-596. June 1977. SFA 22(4)

71-005974 Goshima, S.; Yamaoka, K.; Nagano, M. and Enami, S. [SEASONAL FLUCTUATION IN NUMBER AND BIOLOGICAL PRODUCTION OF THE TWO GOBIOID FISHES IN LAKE IKEDA.] *Jpn. J. Ecol.* 28 (4): 357-366. Dec. 1978. In Japanese with English summ. SFA 24(2)

71-005975 Grinstead, B. G.; Gennings, R. M.; Hooper, G. R.; Schultz, C. A. and Whorton, D. A. ESTIMATION OF STANDING CROP OF FISHES IN THE PREDATOR-STOCKING-EVALUATION RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:120-130. 1976[1978]. SFA 24(1)

71-005976 Gunderson, D. R. POPULATION BIOLOGY OF PACIFIC OCEAN PERCH (/SEBASTES ALUTUS/) STOCKS IN THE WASHINGTON-QUEEN CHARLOTTE SOUND REGION, AND THEIR RESPONSE TO FISHING. *Ph. D. dissertation, Univ. Wash.* 153p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-005977 Gunderson, D. R.; Westrheim, S. J.; Demory, R. L. and Fraidenburg, M. E. THE STATUS OF PACIFIC OCEAN PERCH (/SEBASTES ALUTUS/) STOCKS OFF BRITISH COLUMBIA, WASHINGTON, AND OREGON IN 1974. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 690. iv + 63p. 1977. SFA 22(3)

71-005978 Gunderson, D. R. POPULATION BIOLOGY OF PACIFIC OCEAN PERCH, /SEBASTES ALUTUS/, STOCKS IN THE WASHINGTON-QUEEN CHARLOTTE SOUND REGION, AND THEIR RESPONSE TO FISHING. *NOAA Fish. Bull.* 75(2):369-403. Apr. 1977. SFA 22(3)

71-005979 Haedrich, R. L. and Rowe, G. T. MEGAFAUNAL BIOMASS IN THE DEEP SEA. *Nature* 269 (5624): 141-142. 8 Sept. 1977. SFA 23(4)

71-005980 Hankin, D. G. STOCK AND RECRUITMENT IN LABORATORY FISH POPULATIONS. *Ph.D. dissertation, Cornell Univ.* 197p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1610. Oct. 1978. SFA 24(3)

71-005981 Hara, I. POPULATION STUDIES ON ROUND HERRING--I. ON ROUND HERRING FISHED OFF THE WESTERN COAST OF SAN'IN DISTRICT. *Bull. Jpn. Soc. Sci. Fish.* 43 (3): 265-270. Mar. 1977. SFA 22(3)

71-005982 Hayman, R. A.; A. V. Tyler and R. L. Demory. COMPARISON OF COHORT ANALYSIS AND CATCH PER UNIT EFFORT FOR DOVER SOLE AND ENGLISH SOLE. *Trans. Am. Fish. Soc.* 109(1):35-53. Jan. 1980. SFA 25(2)

71-005983 Healey, M. C. THE DYNAMICS OF EXPLOITED LAKE TROUT POPULATIONS AND IMPLICATIONS FOR MANAGEMENT. *J. Wildl. Manage.* 42(2):307-328. Apr. 1978. SFA 23(4)

71-005984 Helle, J. H. INFLUENCE OF MARINE ENVIRONMENT ON AGE AND SIZE AT MATURITY, GROWTH, AND ABUNDANCE OF CHUM SALMON, *ONCORHYNCHUS KETA* (WALBAUM), FROM OLSEN CREEK, PRINCE WILLIAM SOUND, ALASKA. *Ph. D. dissertation, Oreg. State Univ.* 129p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2504. Dec. 1979. SFA 25(2)

71-005985 Henderson, E. B. and Whiteside, B. G. POPULATION DYNAMICS OF THE GREEN SUNFISH MALE X REDEAR SUNFISH FEMALE HYBRID AS COMPARED WITH ITS RECIPROCAL CROSS AND PARENTAL SPECIES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:273-278. 1975[1976]. SFA 22(3)

71-005986 Henry, K. A. ESTIMATING NATURAL AND FISHING MORTALITIES OF CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/, IN THE OCEAN, BASED ON RECOVERIES OF MARKED FISH. *NOAA Fish. Bull.* 76 (1): 45-57. Jan. 1978. SFA 23(3)

71-005987 Hickman, G. D. and Hevel, K. W. COMPARISON OF POPULATION ESTIMATES OF LARGEMOUTH BASS IN FORREST LAKE, MISSOURI, UTILIZING A BASS TOURNAMENT AND AN ELECTROSHOCKER FOR COLLECTION OF RECAPTURES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:102-105. 1975[1976]. SFA 22(3)

71-005988 Hoag, S. H. and McNaughton, R. J. ABUNDANCE AND FISHING MORTALITY OF PACIFIC HALIBUT, COHORT ANALYSIS, 1935-1976. *Int. Pac. Halibut Comm. Sci. Rep.* No. 65. 45p. 1978. SFA 23(4)

71-005989 Houde, E. ABUNDANCE AND POTENTIAL YIELD OF THE ATLANTIC THREAD HERRING, /OPISTHONEMA OGLINUM/, AND ASPECTS OF ITS EARLY LIFE HISTORY IN THE EASTERN GULF OF MEXICO. *NOAA Fish. Bull.* 75 (3): 493-512. July 1977. SFA 23(1)

71-005990 Houde, E. D. ABUNDANCE AND POTENTIAL YIELD OF THE ROUND HERRING, /ETRUMEUS TERES/, AND ASPECTS OF ITS EARLY LIFE HISTORY IN THE EASTERN GULF OF MEXICO. *NOAA Fish. Bull.* 75 (1): 61-89. Jan. 1977. SFA 22(3)

71-005991 Hourston, A. S. THE DECLINE AND RECOVERY OF CANADA'S PACIFIC HERRING STOCKS. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 784. v + 17p. June 1978. In English with French summ. SFA 24(1)

71-005992 Houser, A. and Rainwater, W. C. PRODUCTION OF LARGEMOUTH BASS IN BEAVER AND BULL SHOALS LAKES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 310-316. 1975. SFA 21(3).

71-005993 Howe, A. B.; Coates, P. G. and Pierce, D. E. WINTER FLOUNDER ESTUARINE YEAR-CLASS ABUNDANCE, MORTALITY, AND RECRUITMENT. *Trans. Am. Fish. Soc.* 105 (6): 647-657. Nov. 1976. SFA 22(1)

71-005994 Ita, E. O. CONTRIBUTION TO THE DYNAMICS OF MEAN-SIZE STATISTICS IN A CHANGING FISHERY: I. FAMILY CITHARINIDAE IN KAINJI LAKE, NIGERIA. *Hydrobiologia* 68(3):269-277. 16 Feb. 1980. SFA 25(2)

71-005995 Jensen, A. L. ASSESSMENT OF THE LAKE TROUT FISHERY IN LAKE SUPERIOR: 1929-1950. *Trans. Am. Fish. Soc.* 107(4):543-549. July 1978. SFA 24(1)

71-005996 Jensen, K. W. and Berg, M. GROWTH, MORTALITY AND MIGRATIONS OF THE ANADROMOUS CHAR, /SALVELINUS ALPINUS/, L., IN THE VARDNES RIVER, TROMS, NORTHERN NORWAY. *Inst. Freshwater Res. Drottningholm Rep.* No. 56. p. 70-80. 1977. SFA 23(2)

71-005997 Jensen, K. W. ESTIMATES OF A POPULATION OF SPAWNING PERCH (/PERCA FLUVIATILIS/ L.) AND OF THE EFFICIENCY OF TRAP AND GILL-NET FISHING. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 45-50. 1976. SFA 23(1)

71-005998 Jensen, K. W. ON THE DYNAMICS AND EXPLOITATION OF THE POPULATION OF BROWN TROUT, /SALMO TRUTTA/ L., IN LAKE OVRE HEIMDALSVATN, SOUTHERN NORWAY. *Inst. Freshwater Res. Drottningholm Rep.* No. 56. p. 18-69. 1977. SFA 23(3)

71-005999 Jester, D. B. PRODUCTION OF ROUGH OR COMMERCIAL FISHES IN ELEPHANT BUTTE LAKE, NEW MEXICO. *Trans. Am. Fish. Soc.* 105(2):222-231. Mar. 1976. SFA 21(2).

71-006000 Johnson, B. G. H. SOME STATISTICS OF THE POPULATIONS OF PARASITIC PHASE SEA LAMPREYS IN CANADIAN WATERS OF THE GREAT LAKES. *Proc. Conf. Great Lakes Res.* 12: 45-52. 1969. SFA 22(4)

71-006001 Johnson, L. ECOLOGY OF ARCTIC POPULATIONS OF LAKE TROUT, /SALVELINUS NAMAYCUSH/, LAKE WHITEFISH, /COREGONUS CLUPEAFORMIS/, ARCTIC CHAR, /S. ALPINUS/, AND ASSOCIATED SPECIES IN UNEXPLOITED LAKES OF THE CANADIAN NORTHWEST TERRITORIES. *J. Fish. Res. Board Can.* 33 (11): 2459-2488. Nov. 1976. In English with French summ. SFA 21(4).

71-006002 Johnston, D. A. POPULATION DYNAMICS OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND YELLOW PERCH (/PERCA FLAVESCENS/) IN LAKE ST. CLAIR, ESPECIALLY DURING 1970-76. *J. Fish. Res. Board Can.* 34(10):1869-1877. Oct. 1977. In English with French summ. SFA 23(1)

71-006003 Jones, R. S. and Thompson, M. J. COMPARISON OF FLORIDA REEF FISH ASSEMBLAGES USING A RAPID VISUAL TECHNIQUE. *Bull. Mar. Sci.* 28 (1): 159-172. Jan. 1978. SFA 23(2)

71-006004 Jonsson, B. DEMOGRAPHIC STRATEGY IN A BROWN TROUT POPULATION IN WESTERN NORWAY. *Zool. Scr.* 6 (3): 255-263. 1977. SFA 23(2)

71-006005 Kaeding, L. R. OBSERVATIONS ON COMMUNITIES OF BROOK AND BROWN TROUT SEPARATED BY AN UPSTREAM-MOVEMENT BARRIER ON THE FIREHOLE RIVER. *Prog. Fish-Cult.* 42(3):174-176. July 1980. SFA 25(4)

71-006006 Kapetsky, J. M. GROWTH, MORTALITY, AND PRODUCTION OF FIVE FISH SPECIES OF THE KAFUE RIVER FLOODPLAIN, ZAMBIA. *Ph.D. dissertation, Univ. Mich.* 205p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-006007 Kawamura, H. [DISTRIBUTION, MOVEMENT AND AGE CONSTITUTION OF THE COMMON FRESHWATER SCULPIN (*COTTUS POLLUX* GÜNTHER) IN THE SALMON PROPAGATION RIVER.] *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 17-24. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-006008 Kawasaki, T. FUNDAMENTAL RELATIONS AMONG THE SELECTIONS OF LIFE HISTORY IN THE MARINE TELEOSTS. *Bull. Jpn. Soc. Sci. Fish.* 46(3):289-293. Feb. 1980. SFA 25(3)

71-006009 Kazanskiy, A. B. A MATHEMATICAL MODEL OF THE BLUE BREAM (/ABRAMIS BALLERUS/) POPULATION OF TSIMLYANSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 864-872. 1977. SFA 24(1)

71-006010 Kelso, J. R. M. and Ward, F. J. UNEXPLOITED PERCID POPULATIONS OF WEST BLUE LAKE, MANITOBA, AND THEIR INTERACTIONS. *J. Fish. Res. Board Can.* 34(10):1655-1669. Oct. 1977. In English with French summ. SFA 23(2)

71-006011 Kempinger, J. J. and Christenson, L. M. POPULATION ESTIMATES AND STANDING CROPS OF FISH IN NEBISH LAKE. *Wis. Dep. Nat. Resour. Res. Rep.* 96. 12p. Mar. 1978. SFA 24(3)

71-006012 Kempinger, J. J. and Carline, R. F. DYNAMICS OF THE WALLEYE (/STIZOSTEDION VITREUM VITREUM/) POPULATION IN ESCANABA LAKE, WISCONSIN, 1955-72. *J. Fish. Res. Board Can.* 34(10):1800-1811. Oct. 1977. In English with French summ. SFA 23(1)

71-006013 Kennedy, G. J. A. and Strange, C. D. SEVEN YEARS ON--A CONTINUING INVESTIGATION OF SALMONID STOCKS IN LOUGH ERNE TRIBUTARIES. *J. Fish Biol.* 12 (4): 325-330. Apr. 1978. SFA 23(3)

71-006014 Kerr, S. R. STRUCTURE AND TRANSFORMATION OF FISH PRODUCTION SYSTEMS. *J. Fish. Res. Board Can.* 34 (10): 1989-1993. Oct. 1977. In English with French summ. SFA 23(1)

71-006015 King, T. A. SAMPLING FISH POPULATIONS AND EFFECTS OF FISHING AND NATURAL MORTALITY ON THE INITIAL YEAR CLASS OF LARGEMOUTH BASS IN WEST POINT RESERVOIR, ALABAMA-GEORGIA. *Ph.D. dissertation, Auburn Univ.* 43p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5677. June 1979. SFA 24(4)

71-006016 Kingsbury, A.; Larson, P. and Downey, G. FORECAST OF THE 1975 PINK SALMON RETURNS TO SOUTHEASTERN ALASKA. *Alaska Dep. Fish Game Inf. Leafl.* No. 168. i + 33p. 1975. SFA 21(1).

71-006017 Kirka, A. POPULACIA PSTRUHA POTOCNEHO /SALMO TRUTTA MORPHA FARIO/ L. V RIECKE JELESNI. [DISTRIBUTION OF TROUT (/SALMO TRUTTA MORPHA FARIO/ L.) IN THE RIVULET JELESNA.] *Biol. Pr.* 20 (3): 1-53. 1974. In Czech with English, Russian and German summ. SFA 24(1)

71-006018 Kojima, H. and K. Sugiwaka. [THE GROWTH, INDIVIDUAL DENSITY AND STANDING CROP OF JUVENILE MASU SALMON IN THE ATSUTA RIVER, HOKKAIDO.] *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 7-16. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-006019 Kovtun, I. F. SIGNIFICANCE OF THE SEX RATIO IN THE SPAWNING POPULATION OF THE ROUND GOBY, *NEOGOBIUS MELANOSTOMUS*, IN RELATION TO YEAR-CLASS STRENGTH IN THE SEA OF AZOV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):161-163. 1979. SFA 25(3)

71-006020 Kowtal, G. V. STUDIES ON THE JUVENILE FISH STOCK OF CHILKA LAKE. *Indian J. Fish.* 23(1/2):31-40. 1976. SFA 25(2)

71-006021 Krishnamoorthi, B. A NOTE ON MORTALITY RATES AND YIELD PER RECRUIT IN *NEMIPTERUS JAPONICUS* (BLOCH). *Indian J. Fish.* 23(1/2):252-256. 1976. SFA 25(2)

71-006022 Krogius, F. V. POPULATION DYNAMICS AND GROWTH OF YOUNG SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, IN LAKE DAL'NEYE (KAMCHATKA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 549-564. 1975. SFA 21(3).

71-006023 Landau, R. GROWTH AND POPULATION STUDIES ON /TILAPIA GALILAEA/ IN LAKE KINNERET. *Freshwater Biol.* 9 (1): 23-32. Feb. 1979. SFA 24(3)

71-006024 Langford, F. H.; Ware, F. J. and Gasaway, R. D. STATUS AND HARVEST OF INTRODUCED /TILAPIA AUREA/ IN FLORIDA LAKES. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 102-108. 1978. SFA 24(1)

71-006025 Le Cren, E. D.; Kipling, C. and McCormack, J. C. A STUDY OF THE NUMBERS, BIOMASS AND YEAR-CLASS STRENGTHS OF PERCH (/PERCA FLUVIATILIS/ L.) IN WINDERMERE FROM 1941 TO 1966. *J. Anim. Ecol.* 46(1):281-307. Feb. 1977. SFA 22(3)

71-006026 Lear, W. H. and Day, F. A. AN ANALYSIS OF BIOLOGICAL AND ENVIRONMENTAL DATA COLLECTED AT NORTH HARBOUR RIVER, NEWFOUNDLAND, DURING 1959-75. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 697. xv + 61p. 1977. In English with French summ. SFA 22(3)

71-006027 Leclerc, J. and G. Power. PRODUCTION OF BROOK CHARR AND OUANANICHE IN A LARGE RAPID, TRIBUTARY OF THE CANIAPISCAU RIVER, NORTHERN QUEBEC. *Environ. Biol. Fishes* 5(1):27-32. 30 Jan. 1980. SFA 25(3)

71-006028 Lehtonen, H. STOCK ASSESSMENT OF PIKE-PERCH (*STIZOSTEDION LUCIOPERCA* L.) IN THE HELSINKI SEA AREA. *Finn. Fish. Res.* 3:1-12. 1979. SFA 25(2)

71-006029 Letichevskiy, M. A. EXPERIMENTAL DETERMINATION OF THE ABUNDANCE OF THE CASPIAN INCONNU, /STENODUS LEUCHICHTHYS/, AND THE EFFECTIVENESS OF HATCHERY PROPAGATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):565-569. 1975. SFA 21(3).

71-006030 Lett, P. F. and Kohler, A. C. RECRUITMENT: A PROBLEM OF MULTISPECIES INTERACTION AND ENVIRONMENTAL PERTURBATIONS, WITH SPECIAL REFERENCE TO GULF OF ST. LAWRENCE ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/). *J. Fish. Res. Board Can.* 33(6):1353-1371. June 1976. In English with French summ. SFA 21(2).

71-006031 Li, H. and Mosman, N. J. ANALYSIS OF THE CLEAR LAKE COMMERCIAL FISHERY USING DIFFERENT SURPLUS YIELD MODELS. *Cal-Neva Wildl. Trans.* 1977:112-117. 1977. SFA 23(3)

71-006032 Libey, G. S. A MATHEMATICAL MODEL AND COMPUTER SIMULATION OF THE ANADROMOUS ALEWIFE, /ALOSA PSEUDOHARENGUS/ (WILSON), MIGRATION IN THE PARKER RIVER, MASSACHUSETTS. *Ph.D. dissertation, Univ. Mass.* 206 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977.

71-006033 Lindquist, D. G. and T. Harris. POPULATION DYNAMICS OF REEF FISHES ON A NEARSHORE ROCK SCARP IN ONSLOW BAY, NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 95(2):124. 1979. Abstract only. SFA 25(4)

71-006034 Liss, W. J. TOWARD A GENERAL THEORY OF EXPLOITATION OF FISH POPULATIONS. *Ph.D. dissertation, Oreg. State Univ.* 108p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):981. Sept. 1977. SFA 23(3)

71-006035 MacCall, A. D. POPULATION ESTIMATES FOR THE WANING YEARS OF THE PACIFIC SARDINE FISHERY. *Calif. Coop. Oceanic Fish. Invest.* 20:72-82. Oct. 1979. SFA 25(2)

71-006036 MacCall, A. D. POPULATION MODELS FOR THE NORTHERN ANCHOVY (*ENGRAULIS MORDAX*). *M.A. thesis, Calif. State Univ.* 84p. 1979. From Masters Abstr. 18(2):74. June 1980. SFA 25(3)

71-006037 Marsh, B. SPECIES RICHNESS AND ABUNDANCE OF CLINID FISH (TELEOSTEI; CLINIDAE) IN INTERTIDAL ROCK POOLS. *Zool. Afr.* 13 (2): 283-291. 1978. SFA 24(2)

71-006038 Mathews, C. P. and Espinoza, J. POTENCIAL PESQUERO Y ESTUDIOS ECOLOGICOS DE BAHIA MAGDALENA IV. LA DISTRIBUCION Y ABUNDANCIA DE LAS EXISTENCIAS DE PESCADO DE ESCAMA. [FISHERY POTENTIAL AND ECOLOGICAL STUDIES OF MAGDALENA BAY. IV. THE DISTRIBUTION AND ABUNDANCE OF DEMERSAL SCALE FISH STOCKS.] *Cienc. Mar.* 2 (1): 93-96. June 1975. In Spanish with English summ. SFA 22(3)

71-006039 Mathews, C. P. and Druck Gonzalez, J. POTENCIAL PESQUERO Y ESTUDIOS ECOLOGICOS DE BAHIA MAGDALENA III. LAS EXISTENCIAS DE RAYAS CON ESPECIAL INTERES A LAS YA APROVECHADAS. [FISHERY POTENTIAL AND ECOLOGICAL STUDIES OF MAGDALENA BAY. III. THE EXISTENCE OF RAYS WITH SPECIAL INTEREST IN USEABLE ONES.] *Cienc. Mar.* 2 (1): 67-72. June 1975. In Spainish with English summ. SFA 22(3)

71-006040 Mathews, C. P. and Guardado France, V. POTENCIAL PESQUERO Y ESTUDIOS ECOLOGICOS DE BAHIA MAGDALENA II. LAS EXISTENCIAS DE GATAS. HETERODONTIDAE. [FISHERY POTENTIAL AND ECOLOGICAL STUDIES OF MAGDALINA BAY. II. THE STOCK OF SHARKS. HETERODONTIDAE.] *Cienc. Mar.* 2 (1): 60-66. June 1975. In Spanish with English summ. SFA 22(3)

71-006041 Matsumiya, Y. and Tanaka, S. DYNAMICS OF THE SAURY POPULATION IN THE PACIFIC OCEAN OFF NORTHERN JAPAN--III. REPRODUCTIVE RELATIONS OF LARGE AND MEDIUM SIZED FISH. *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 451-455. May 1978. SFA 23(4)

71-006042 Matuszek, J. E. EMPIRICAL PREDICTIONS OF FISH YIELDS OF LARGE NORTH AMERICAN LAKES. *Trans. Am. Fish. Soc.* 107(3):385-394. May 1978. SFA 23(4)

71-006043 McConnell, W. J.; Lewis, S. and Olson, J. E. GROSS PHOTOSYNTHESIS AS AN ESTIMATOR OF POTENTIAL FISH PRODUCTION. *Trans. Am. Fish. Soc.* 106 (5): 417-423. Sept. 1977. SFA 23(1)

71-006044 Meyer, D. W. THE RELATIONSHIP BETWEEN PRIMARY PRODUCTION AND FISH PRODUCTION. *M.S. thesis, Colo. State Univ.* 1978. SFA 24(1)

71-006045 Milner, N. J.; Hemsworth, R. J. and Gee, A. S. RECRUITMENT AND TURNOVER OF POPULATIONS OF BROWN TROUT, /SALMO TRUTTA/, IN THE UPPER RIVER WYE, WALES. *J. Fish Biol.* 15(2):211-222. Aug. 1979. SFA 25(1)

71-006046 Milner, N. J.; Gee, A. S. and Hemsworth, R. J. THE PRODUCTION OF BROWN TROUT, /SALMO TRUTTA/ IN TRIBUTARIES OF THE UPPER WYE, WALES. *J. Fish Biol.* 13 (5): 549-612. Nov. 1978. SFA 24(2)

71-006047 Montolio, M. A. and Juarez, M. ESTIMADO PRELIMINAR DE LA POBLACION EN DESOVE DEL BONITO (/KATSUWONUS PELAMIS/ LIN., 1758) EN EL CARIBE OCCIDENTAL. [ASSESSMENTS OF THE SPAWNING STOCK OF BONITO (/KATSUWONUS PELAMIS/ LIN., 1758) IN THE WESTERN CARIBBEAN.] *Rev. Invest.* 2 (3): 267-276. 1976. In Spanish and French with English summ. SFA 24(2)

71-006048 Moore, W. S. STABILITY OF SMALL UNISEXUAL-BISEXUAL POPULATIONS OF /POECILIOPSIS/ (PISCES: POECILIIDAE). *Ecology* 56 (4): 791-808. 1975. SFA 22(3)

71-006049 Moring, J. R. AGE STRUCTURE OF A TIDEPOOL SCULPIN, /OLIGOCOTTUS MACULOSUS/, POPULATION IN NORTHERN CALIFORNIA. *Calif. Fish Game* 65 (2): 111-113. Apr. 1979. SFA 24(3)

71-006050 Moring, J. R. ESTIMATES OF POPULATION SIZE FOR TIDEPOOL SAULPINS, /OLIGOCOTTUS MACULOSUS/, AND OTHER INTERTIDAL FISHES, TRINIDAD BAY, HUMBOLDT COUNTY, CALIFORNIA. *Calif. Fish Game* 62(1):65-72. Jan. 1976. SFA 21(1).

71-006051 Mortensen, E. THE POPULATION DYNAMICS OF YOUNG TROUT (/SALMO TRUTTA/ L.) IN A DANISH BROOK. *J. Fish Biol.* 10 (1): 23-33. Jan. 1977. SFA 22(3)

71-006052 Muller, R. G. POPULATION BIOLOGY OF /STOLEPHORUS HETEROLOBUS/ (PISCES: ENGRAULIDAE) IN PALAU, WESTERN CAROLINE ISLANDS. *Ph.D. dissertation, Univ. Hawaii* 190p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(1):27. July 1977. SFA 24(1)

71-006053 Murawski, S. A. and Waring, G. T. A POPULATION ASSESSMENT OF BUTTERFISH, /PEPRILUS TRIACANTHUS/, IN THE NORTHWESTERN ATLANTIC OCEAN. *Trans. Am. Fish. Soc.* 108(5):427-439. Sept. 1979. SFA 25(1)

71-006054 Murawski, S. A. and Cole, C. F. POPULATION DYNAMICS OF ANADROMOUS RAINBOW SMELT /OSMERUS MORDAX/, IN A MASSACHUSETTS RIVER SYSTEM. *Trans. Am. Fish. Soc.* 107 (4): 535-542. July 1978. SFA 24(1)

71-006055 Naiman, R. J. and Sibert, J. R. DETRITUS AND JUVENILE SALMON PRODUCTION IN THE NANAIMO ESTUARY: III. IMPORTANCE OF DETRITAL CARBON TO THE ESTUARINE ECOSYSTEM. *J. Fish. Res. Board Can.* 36 (5): 504-520. May 1979. In English with French summ. SFA 24(3)

71-006056 Naiman, R. J. PRODUCTIVITY OF A HERBIVOROUS PUPFISH POPULATION (/CYPRINODON NEVADENSIS/) IN A WARM DESERT STREAM. *J. Fish Biol.* 9 (2): 125-137. Aug. 1976. SFA 22(2)

71-006057 Nakashima, B. S.; Gascon, D. and Leggett, W. C. SPECIES DIVERSITY OF LITTORAL ZONE FISHES ALONG A PHOSPHORUS-PRODUCTION GRADIENT IN LAKE MEMPHREMAGOG, QUEBEC-VERMONT. *J. Fish. Res. Board Can.* 34(1):167-170. Jan. 1977. In English with French summ. SFA 22(2)

71-006058 Nekrasova, M. Ya. and Kovtun, I. F. ANNUAL FLUCTUATIONS IN THE ABUNDANCE OF THE ROUND GOBY, /GOBIUS MELANOSTOMUS/, IN RELATION TO NATURAL VARIATIONS IN ITS FOOD SUPPLY IN THE AZOV SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):331-336. 1976. SFA 22(3)

71-006059 Nelson, W. R. and Walburg, C. H. POPULATION DYNAMICS OF YELLOW PERCH (/PERCA FLAVESCENS/), SAUGER (/STIZOSTEDION CANADENSE/), AND WALLEYE (/S. VITREUM VITREUM/) IN FOUR MAIN STEM MISSOURI RIVER RESERVOIRS. *J. Fish. Res. Board Can.* 34(10):1748-1763. Oct. 1977. In English with French summ. SFA 23(1)

71-006060 Nelson, W. R. LARVAL TRANSPORT AND YEAR-CLASS STRENGTH OF ATLANTIC MENHADEN. *Ph.D. dissertation, Univ. South. Miss.* 160p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-006061 Nelson, W. R.; Ingham, M. C. and Schaaf, W. E. LARVAL TRANSPORT AND YEAR-CLASS STRENGTH OF ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/. *NOAA Fish. Bull.* 75(1):23-41. Jan. 1977. SFA 22(3)

71-006062 Nepszy, S. J. CHANGES IN PERCID POPULATIONS AND SPECIES INTERACTIONS IN LAKE ERIE. *J. Fish. Res. Board Can.* 34(10):1861-1868. Oct. 1977. In English with French summ. SFA 23(1)

71-006063 Nesterenko, N. V. REGULARITIES IN THE POPULATION DYNAMICS OF WHITEFISH ACCLIMATIZED IN THE URALS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7 (1): 37-42. Jan.-Feb. 1976. SFA 22(3)

71-006064 Newcome, N., (ed.). 1976 BRISTOL BAY SOCKEYE SALMON SMOLT STUDIES. A SUMMARY OF DATA COLLECTED FROM SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) SMOLT PROGRAMS ON THE KVICHAK, NAKNEK, AND WOOD RIVERS. *Alaska Dep. Fish Game Tech. Data. Rep.* No. 33. iii + 39p. 1977. SFA 23(3)

71-006065 Ni, I.-H. COMPARATIVE FISH POPULATION STUDIES. *Ph.D. dissertation, Univ. British Columbia* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(9):4176. Mar. 1979. SFA 24(3)

71-006066 Nielsen, L. A. MECHANISMS REGULATING RECRUITMENT OF JUVENILE YELLOW PERCH (/PERCA FLAVESCENS/) TO THE ADULT STOCK IN ONEIDA LAKE, NEW YORK. *Ph.D. dissertation, Cornell Univ.* 80p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3615. Feb. 1979. SFA 24(3)

71-006067 Nikol'skiy, G. V. and Shubnikova, N. G. THE NATURE OF THE INTERRELATIONSHIP BETWEEN ABUNDANCE AND CERTAIN BIOLOGICAL CHARACTERISTICS IN A POPULATION OF THE CRUCIAN CARP (/CARASSIUS CARASSIUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 496-502. 1974. SFA 21(2).

71-006068 O'Connor, J. F. and Power, G. PRODUCTION BY BROOK TROUT (/SALVELINUS FONTINALIS/) IN FOUR STREAMS IN THE MATAMEK WATERSHED, QUEBEC. *J. Fish. Res. Board Can.* 33(1):6-18. Jan. 1976. In English with French summ. SFA 21(1).

71-006069 O'Connor, J. F. ON THE BROOK TROUT (/SALVELINUS FONTINALIS/) PRODUCTION AND TROPHIC DYNAMICS OF FOUR STREAMS IN THE MATAMEK RIVER SYSTEM, QUEBEC. *Ph.D. dissertation, Univ. Waterloo* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

71-006070 Olatunde, A. A. THE DISTRIBUTION, ABUNDANCE AND TRENDS IN THE ESTABLISHMENT OF THE FAMILY SCHILBEIDAE (OSTEICHTHYES: SILURIFORMES) IN LAKE KAINJI, NIGERIA. *Hydrobiologia* 56 (1): 69-80. 29 Sept. 1977. SFA 23(2)

71-006071 Orth, D. J. COMPUTER SIMULATION MODEL OF THE POPULATION DYNAMICS OF LARGEMOUTH BASS IN LAKE CARL BLACKWELL, OKLAHOMA. *Trans. Am. Fish. Soc.* 108 (3): 229-240. May 1979. SFA 24(4)

71-006072 Otte, G. DER FISCHBESTAND IM QUELLGEBIET EINES FLACHLAND-FORELLEN-BACHES. [THE FISH STOCK IN THE HEADWATERS OF A LOWLAND TROUT STREAM.] *Arch. Fischereiwiss.* 29(3):133-139. Mar. 1979. In German with English summ. SFA 24(3)

71-006073 Paragamian, V. L. POPULATION CHARACTERISTICS OF NORTHERN PIKE IN THE PLOVER RIVER, WISCONSIN. *Prog. Fish-Cult.* 38 (3): 160-163. July 1976. SFA 21(4)

71-006074 Paragamian, V. L. and Coble, D. W. VITAL STATISTICS OF SMALLMOUTH BASS IN TWO WISCONSIN RIVERS, AND OTHER WATERS. *J. Wildl. Manage.* 39(1):201-210. Jan. 1975. SFA 22(2)

71-006075 Parrish, R. H. AN ASSESSMENT OF ENVIRONMENTALLY RELATED VARIATION IN THE RECRUITMENT OF THE CALIFORNIA CURRENT STOCK OF PACIFIC MACKEREL (/SCOMBER JAPONICUS/) AND ITS IMPLICATIONS FOR MANAGEMENT. *Ph.D. dissertation, Oreg. State Univ.* 135p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4591. Apr. 1978. SFA 23(3)

71-006076 Parrish, R. H. and MacCall, A. D. CLIMATIC VARIATION AND EXPLOITATION IN THE PACIFIC MACKEREL FISHERY. *Calif. Dep. Fish Game Fish Bull.* 167. 110p. 1978. SFA 24(3)

71-006077 Parrish, R. H. EXPLOITATION AND RECRUITMENT OF PACIFIC MACKEREL, /SCOMBER JAPONICUS/, IN THE NORTHEASTERN PACIFIC. *Calif. Coop. Oceanic Fish. Invest. Rep.* 17:136-140. Oct. 1974. SFA 21(1).

71-006078 Payer, R. D. and Scalet, C. G. POPULATION AND PRODUCTION ESTIMATES OF FATHEAD MINNOWS IN A SOUTH DAKOTA PRAIRIE WETLAND. *Prog. Fish-Cult.* 40 (2): 63-66. Apr. 1978. SFA 23(3)

71-006079 Pella, J. J. and Robertson, T. L. ASSESSMENT OF COMPOSITION OF STOCK MIXTURES. *NOAA Fish. Bull.* 77(2):387-398. Apr. 1979. SFA 25(1)

71-006080 Pelzman, R. J.; S. A. Rapp and R. R. Rawstron. MORTALITY AND SURVIVAL OF TAGGED SMALLMOUTH BASS, *MICROPTERUS DOLOMIEUI* AT MERLE COLLINS RESERVOIR, CALIFORNIA. *Calif. Fish Game* 66(1):35-39. Jan. 1980. SFA 25(2)

71-006081 Pemberton, R. SEA TROUT IN NORTH ARGYLL SEA LOCHS, POPULATION, DISTRIBUTION AND MOVEMENTS. *J. Fish Biol.* 9 (2): 157-179. Aug. 1976. SFA 22(2)

71-006082 Perry W. G. STANDING CROPS OF FISHES OF AN ESTUARINE AREA IN SOUTHWEST LOUISIANA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:71-81. 1976[1978]. SFA 24(1)

71-006083 Pirtle, R. B. HISTORICAL PINK AND CHUM SALMON ESTIMATED SPAWNING ESCAPEMENTS FROM PRINCE WILLIAM SOUND, ALASKA STREAMS, 1960-1975. *Alaska Dep. Fish Game Tech. Data Rep.* No. 35. iv + 332p. 1977. SFA 23(3)

71-006084 Power, G. FISH POPULATION STRUCTURE IN ARCTIC LAKES. *J. Fish. Res. Board Can.* 35(1):53-59. Jan. 1978. In English with French summ. SFA 23(2)

71-006085 Radovich, J. and A. D. MacCall. A MANAGEMENT MODEL FOR THE CENTRAL STOCK OF THE NORTHERN ANCHOVY, *ENGRAULIS MORDAX*. *Calif. Coop. Oceanic Fish. Invest.* 20:83-88. Oct. 1979. SFA 25(2)

71-006086 Rangaswamy, C. P. ESTIMATION OF TOTAL MORTALITY RATES OF /MUGIL CEPHALUS/ LINNAEUS IN PULICAT LAKE. *Indian J. Fish.* 21 (2): 588-590. 1974. SFA 23(2)

71-006087 Reich, K. A POSSIBLE CORRELATION BETWEEN ALGAL NUMBER AND /S. GALILAEUS/ YIELD IN THE KINNERET. *Bamidgeh* 30 (4): 116-117. Dec. 1978. SFA 24(3)

71-006088 Reinhardt, R. and MacKinnon, C. N. QUINSAM RIVER: 1975 DOWNSTREAM ENUMERATION AND WILD COHO SMOLT MARKING. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 840. iii + 27p. Feb. 1979. In English with French summ. SFA 24(3)

71-006089 Richards, C. E. COBIA (/RACHYCENTRON CANADUM/) TAGGING WITHIN CHESAPEAKE BAY AND UPDATING OF GROWTH EQUATIONS. *Chesapeake Sci.* 18 (3): 310-311. Sept. 1977. SFA 22(4)

71-006090 Rideout, S. G.; Johnson, J. E. and Cole, C. F. PERIODIC COUNTS FOR ESTIMATING THE SIZE OF THE SPAWNING POPULATION OF ALEWIVES, /ALOSA PSEUDOHARENGUS/ (WILSON). *Estuaries* 2 (2): 119-123. June 1979. SFA 24(3)

71-006091 Rogers, R. D. and Stevens, D. E. STRIPED BASS (/MORONE SAXATILIS/) POPULATION ESTIMATES DERIVED FROM CATCH AND HARVEST RATE ESTIMATES FOR SAN FRANCISCO BAY DURING 1969, 1970, AND 1971. *Calif. Dep. Fish Game Anadromous Fish Br. Admin. Rep.* No. 78-15. 22p. 1978. SFA 23(4)

71-006092 Rubenstein, D. I. POPULATION DENSITY, RESOURCE PATTERNING, AND MECHANISMS OF COMPETITION IN THE EVERGLADES PYGMY SUNFISH. *Ph.D. dissertation, Duke Univ.* 165p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(3):1163. Sept. 1978. SFA 24(1)

71-006093 Rudenko, G. P. ABUNDANCE OF FISHES AND THEIR FOOD REQUIREMENTS IN LAKE KRIVOYE (PSKOV PROVINCE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):386-397. 1976. SFA 22(4)

71-006094 Russell, B. C. POPULATION AND STANDING CROP ESTIMATES FOR ROCKY REEF FISHES OF NORTH-EASTERN NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 11(1):23-36. Mar. 1977. SFA 23(1)

71-006095 Russell, B. C.; Anderson, G. R. V. and Talbot, F. H. SEASONALITY AND RECRUITMENT OF CORAL REEF FISHES. *Aust. J. Mar. Freshwater Res.* 28(4):521-528. Aug. 1977. SFA 23(2)

71-006096 Sale, P. F. and Dybdahl, R. DETERMINANTS OF COMMUNITY STRUCTURE FOR CORAL REEF FISHES IN AN EXPERIMENTAL HABITAT. *Ecology* 56 (6): 1343-1355. 1975. SFA 22(3)

71-006097 Sale, P. F. MAINTENANCE OF HIGH DIVERSITY IN CORAL REEF FISH COMMUNITIES. *Am. Nat.* 111(978):337-359. Mar.-Apr. 1977. SFA 22(3)

71-006098 Savitz, J. POPULATION DYNAMICS AND GROWTH OF A SINGLE AGE-CLASS OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) IN A POND. *Trans. Am. Fish. Soc.* 107 (3): 425-431. May 1978. SFA 23(4)

71-006099 Schaefer, W. F. POPULATION DYNAMICS OF RAINBOW SMELT IN LAKE SUPERIOR. *Ph.D. dissertation, Brigham Young Univ.* 81p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(2):633. Aug. 1979. SFA 24(4)

71-006100 Schneider, J. C.; Eschmeyer, P. H. and Crowe, W. R. LONGEVITY, SURVIVAL, AND HARVEST OF TAGGED WALLEYES IN LAKE GOGEBIC, MICHIGAN. *Trans. Am. Fish. Soc.* 106(6):566-568. Nov. 1977. SFA 23(2)

71-006101 Schneider, J. C. and Leach, J. H. WALLEYE STOCKS IN THE GREAT LAKES, 1800-1975: FLUCTUATIONS AND POSSIBLE CAUSES. *Great Lakes Fish. Comm. Tech. Rep.* no. 31. 51p. Feb. 1979. SFA 24(3)

71-006102 Schupp, D. H. and Macins, V. TRENDS IN PERCID YIELDS FROM LAKE OF THE WOODS, 1888-1973. *J. Fish. Res. Board Can.* 34(10):1784-1791. Oct. 1977. In English with French summ. SFA 23(1)

71-006103 Sekharan, K. V. ESTIMATES OF THE STOCKS OF OIL SARDINE AND MACKEREL IN THE PRESENT FISHING GROUNDS OFF THE WEST COAST OF INDIA. *Indian J. Fish.* 21(1):177-182. 1974. SFA 23(2)

71-006104 Selifonov, M. M. THE OCEAN CATCH OF SEXUALLY IMMATURE SOCKEYE SALMON, *ONCORHYNCHUS NERKA*, OF THE OZERNAYA RIVER POPULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):839-843. 1978. SFA 25(2)

71-006105 Serchuk, F. M.; C. J. Schmitt and B. Floyd. RAINBOW TROUT: A POPULATION SIMULATION BASED ON INDIVIDUAL RESPONSES TO VARYING ENVIRONMENTAL AND DEMOGRAPHIC PARAMETERS. *Environ. Biol. Fishes* 5(1):15-26. 30 Jan. 1980. SFA 25(3)

71-006106 Shaboneyev, I. Ye. and Ryanzantseva, Ye. I. POPULATION STRUCTURE OF THE OCEANIC HORSEMACKEREL (/TRACHURUS PICTURATUS PICTURATUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 954-958. 1977. SFA 24(1)

71-006107 Shirley, K. E. and Andrews, A. K. GROWTH, PRODUCTION, AND MORTALITY OF LARGEMOUTH BASS DURING THE FIRST YEAR OF LIFE IN LAKE CARL BLACKWELL, OKLAHOMA. *Trans. Am. Fish. Soc.* 106 (6): 590-595. Nov. 1977. SFA 23(2)

71-006108 Shuter, B. J. and Koonce, J. F. A DYNAMIC MODEL OF THE WESTERN LAKE ERIE WALLEYE (/STIZOSTEDION VITREUM VITREUM/) POPULATION. *J. Fish. Res. Board Can.* 34 (10): 1972-1982. Oct. 1977. In English with French summ. SFA 23(1)

71-006109 Shuter, B. J.; Koonce, J. F. and Regier, H. A. MODELING THE WESTERN LAKE ERIE WALLEYE POPULATION: A FEASIBILITY STUDY. *Great Lakes Fish. Comm. Tech. Rep.* No. 32. 40p. Apr. 1979. SFA 24(4)

71-006110 Simonova, N. A. POPULATION DYNAMICS OF KAMCHATKA RIVER SOCKEYE SALMON, *ONCORHYNCHUS NERKA*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):722-733. 1978. SFA 25(2)

71-006111 Sissenwine, M. P. A COMPARTMENTALIZED SIMULATION MODEL OF THE SOUTHERN NEW ENGLAND YELLOWTAIL FOUNDER, /LIMANDA FERRUGINEA/, FISHERY. *NOAA Fish. Bull.* 75 (3): 465-482. July 1977. SFA 23(1)

71-006112 Sjöblom, V. and R. Parmanne. ABUNDANCE OF BALTIC HERRING OFF THE COAST OF FINLAND IN 1956-78 ACCORDING TO EXPLORATORY FISHING WITH A PELAGIC TRAWL. *Int. Counc. Explor. Sea.* C.M. 1979/J:21. 10p. 1979. In Finnish with English summ. SFA 25(2)

71-006113 Sjöblom, V. and R. Parmanne. THE YEAR CLASS STRENGTH OF SPRING SPAWNING BALTIC HERRING ESTIMATED FROM ABUNDANCE OF LARVAE IN THE SEAS AROUND FINLAND IN 1974-79. *Int. Counc. Explor. Sea.* C.M. 1979/J:19. 9p. 1979. SFA 25(2)

71-006114 Sjöblom, V. and R. Parmanne. ABUNDANCE OF SPRAT EGGS AND LARVAE IN THE NORTHERN BALTIC IN 1978. *Int. Counc. Explor. Sea.* C.M. 1979/J:20. 5p. 1979. In Finnish with English summ. SFA 25(2)

71-006115 Sjöblom, V. and R. Parmanne. ABUNDANCE OF SPRAT OFF THE COAST OF FINLAND IN 1956-68 AND 1975-78 ACCORDING TO EXPLORATORY FISHING WITH A PELAGIC TRAWL. *Int. Counc. Explor. Sea.* C.M. 1979/J:18. 9p. 1979. In Finnish with English summ. SFA 25(2)

71-006116 Sjoblom, V. and Parmanne, R. ABUNDANCE OF SPRAT EGGS AND LARVAE IN THE NORTHERN BALTIC IN 1977. *Int. Counc. Explor. Sea* C.M. 1978/J:18. 5p. 1978. In English with French summ. SFA 24(3)

71-006117 Sjoblom, V. and Parmanne, R. ABUNDANCE OF BALTIC HERRING LARVAE IN THE SEAS AROUND FINLAND IN 1977. *Int. Counc. Explor. Sea* C.M. 1978/J:6. 6p. 1978. In English with French summ. SFA 24(3)

71-006118 Sjoblom, V. and Parmanne, R. ASSESSMENT OF THE STATE OF EXPLOITATION OF BALTIC HERRING IN FINNISH FISHERIES IN 1970-1975. *Int. Counc. Explor. Sea* C.M. 1976/P:11. 17p. 1976. SFA 22(3)

71-006119 Sjoblom, V. and Parmanne, R. ABUNDANCE OF BALTIC HERRING LARVAE IN THE SEAS AROUND FINLAND IN 1975. *Int. Counc. Explor. Sea* C.M. 1976/P:12. 12p. 1976. SFA 22(3)

71-006120 Sjoblom, V. and Parmanne, R. ABUNDANCE OF BALTIC HERRING LARVAE IN THE SEAS AROUND FINLAND IN 1974. *Int. Counc. Explor. Sea* C.M. 1975/P:3. 7p. 1975. SFA 22(3)

71-006121 Sjoblom, V. and Parmanne, R. ABUNDANCE OF SPRAT LARVAE IN THE NORTHERN BALTIC IN 1975. *Int. Counc. Explor. Sea.* C.M. 1976/P:13. 4p. 1976. SFA 22(3)

71-006122 Small, J. W., Jr. ENERGY DYNAMICS OF BENTHIC FISHES IN A SMALL KENTUCKY STREAM. *Ecology* 56 (4): 827-840. 1975. SFA 22(3)

71-006123 Smith, C. L. and Tyler, J. C. SUCCESSION AND STABILITY IN FISH COMMUNITIES OF DOME-SHAPED PATCH REEFS IN THE WEST INDIES. *Am. Mus. Novit.* no. 2572. 18p. Apr. 1975. SFA 21(1).

71-006124 Smith, G. B. ECOLOGY AND DISTRIBUTION OF MID-EASTERN GULF OF MEXICO REEF FISHES. *Ph.D. dissertation, Univ. South Fla.* 268p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):510. Aug. 1978. SFA 24(3)

71-006125 Smith, L. L., Jr. WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND YELLOW PERCH (/PERCA FLAVESCENS/) POPULATIONS AND FISHERIES OF THE RED LAKES, MINNESOTA, 1930-75. *J. Fish. Res. Board Can.* 34(10):1774-1783. Oct. 1977. In English with French summ. SFA 23(1)

71-006126 Somasekharan Nair, K. V. A PRELIMINARY STUDY ON THE LENGTH FREQUENCY OF /PSEUDOSCIAENA SINA/ (CUVIER AND VALENCIENNES) AT CALICUT DURING 1969-72. *Indian J. Fish.* 21 (2): 330-338. 1974. SFA 23(2)

71-006127 Spangler, G. R.; Payne, N. R. and Winterton, G. K. PERCIDS IN THE CANADIAN WATERS OF LAKE HURON. *J. Fish. Res. Board Can.* 34(10):1839-1848. Oct. 1977. In English with French summ. SFA 23(1)

71-006128 Stanley, C. A. AREA OF DISTRIBUTION, MOVEMENTS, AGE COMPOSITION AND MORTALITY RATES OF THE AUSTRALIAN SALMON POPULATION IN TASMANIA, VICTORIA AND NEW SOUTH WALES. *Aust. J. Mar. Freshwater Res.* 29 (4): 417-433. Aug. 1978. SFA 24(2)

71-006129 Stauffer, T. M. NUMBERS OF JUVENILE SALMONIDS PRODUCED IN FIVE LAKE SUPERIOR TRIBUTARIES AND THE EFFECT OF JUVENILE COHO SALMON ON THEIR NUMBERS AND GROWTH, 1967-1974. *Mich. Dep. Nat. Resour. Fish. Div. Fish. Res. Rep.* No. 1846. 29p. 26 May 1977. SFA 23(2)

71-006130 Stevens, D. E. STRIPED BASS (/MORONE SAXATILIS/) YEAR CLASS STRENGTH IN RELATION TO RIVER FLOW IN THE SACRAMENTO-SAN JOAQUIN ESTUARY, CALIFORNIA. *Trans. Am. Fish. Soc.* 106(1):34-42. Jan. 1977. SFA 22(3)

71-006131 Storck, T. W. PRODUCTION AND POPULATION DYNAMICS OF TWO FISHES IN A SMALL WOODLAND STREAM. *Ph.D. dissertation, Ohio State Univ.* 196p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-006132 Summerfelt, R. C. and Shirley, K. E. ENVIRONMENTAL CORRELATES TO YEAR-CLASS STRENGTH OF LARGEMOUTH BASS IN LAKE CARL BLACKWELL. *Proc. Okla. Acad. Sci.* 58: 54-63. 1978. SFA 24(1)

71-006133 Sunada, J. S. AGE AND LENGTH COMPOSITION OF NORTHERN ANCHOVIES, /ENGRAULIS MORDAX/, IN THE CALIFORNIA ANCHOVY REDUCTION FISHERY, 1973-74 SEASON. *Calif. Fish Game* 62 (3): 213-224. July 1976. SFA 21(4).

71-006134 Sunder, S. A NOTE ON THE CATCHES OF /CROSSOCHEILUS LATIUS/ (HAMILTON) IN COMMERCIAL LANDINGS OF DAL LAKE, SRINAGAR, KASHMIR DURING 1969-71. *J. Inland Fish. Soc. India* 8: 149-150. Dec. 1976. SFA 24(3)

71-006135 Symons, P. E. K. ESTIMATED ESCAPEMENT OF ATLANTIC SALMON (/SALMO SALAR/) FOR MAXIMUM SMOLT PRODUCTION IN RIVERS OF DIFFERENT PRODUCTIVITY. *J. Fish. Res. Board Can.* 36 (2): 132-140. Feb. 1979. In English with French summ. SFA 24(3)

71-006136 Tarplee, W. H., Jr. ESTIMATES OF FISH POPULATIONS IN TWO NORTHEASTERN NORTH CAROLINA SWAMP STREAMS. *Brimleyana* no. 1. p. 99-112. Mar. 1979. SFA 24(3)

71-006137 Templeman, W.; Hodder, V. M. and Wells, R. AGE, GROWTH, YEAR-CLASS STRENGHT, AND MORTALITY OF THE HADDOCK, /MELANOGRAMMUS AEGLEFINUS/, ON THE SOUTHERN GRAND BANK AND THEIR RELATION TO THE HADDOCK FISHERY OF THIS AREA. *Int. Comm. Northwest Alt. Fish. Res. Bull.* No. 13. p. 31-52. 1978. SFA 23(4)

71-006138 Thorne, R. E. HYDROACOUSTIC ESTIMATES OF ADULT SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) IN LAKE WASHINGTON, 1972-75. *J. Fish. Res. Board Can.* 36(9):1145-1149. Sept. 1979. In English with French summ. SFA 25(1)

71-006139 Toivonen, J. THE STOCK OF SALMON IN THE GULF OF FINLAND. *Int. Counc. Explor. Sea* C.M. 1973/M:17. 5p. 1973. SFA 22(3)

71-006140 Turner, J. L. CHANGES IN THE SIZE STRUCTURE OF CICHLID POPULATIONS OF LAKE MALAWI RESULTING FROM BOTTOM TRAWLING. *J. Fish. Res. Board Can.* 34(2):232-238. Feb. 1977. In English with French summ. SFA 22(3)

71-006141 Ulltang, O. METHODS OF MEASURING STOCK ABUNDANCE OTHER THAN BY THE USE OF COMMERCIAL CATCH AND EFFORT DATA. *FAO Fish. Tech. Pap.* No. 176. vii + 23p. Sept. 1977. SFA 24(2)

71-006142 Van Winkle, W.; Kirk, B. L. and Rust, B. W. PERIODICITIES IN ATLANTIC COAST STRIPED BASS (/MORONE SAXATILIS/) COMMERCIAL FISHERIES DATA. *J. Fish. Res. Board Can.* 36 (1): 54-62. Jan. 1979. In English with French summ. SFA 24(2)

71-006143 Van Woert, W. F. EXPLOITATION, NATURAL MORTALITY, AND SURVIVAL OF SMALLMOUTH BASS AND LARGEMOUTH BASS IN SHASTA LAKE, CALIFORNIA. *Calif. Fish. Game* 66(3):163-171. July 1980. SFA 25(3)

71-006144 Verdon, R. and Magnin, E. DYNAMIQUE DE LA POPULATION DE MEUNIERS NOIRS /CATOSTOMUS COMMERSONI COMMERSONI/ (LACEPEDE) DU LAC CROCHE DANS LES LAURENTIDES, QUEBEC. [POPULATION DYNAMICS OF THE WHITE SUCKER /CATOSTOMUS COMMERSONI COMMERSONI/ (LACEPEDE) OF LAKE CROCHE IN THE LAURENTIANS, QUEBEC.] *Nat. Can. (Que.)* 104 (3): 197-206. May-June 1977. In French with English summ. SFA 23(1)

71-006145 Verneaux, J. BIOTYPOLOGIE DE L'ECOSYSTEME "EAU COURANTE". DETERMINATION APPROCHEE DE L'APPARTENANCE TYPOLOGIQUE D'UN PEUPLEMENT ICHTYOLOGIQUE. [BIOTYPOLOGY OF RUNNING WATERS. PRACTICAL METHOD FOR DETERMINING TYPOLOGICAL RATE OF FRESH-WATER FISH COMMUNITIES.] *C. R. Hebd. Seances Acad. Sci. Ser. D Nat. Sci.* 284 (8): 675-678. 21 Feb. 1977. In French with English summ. SFA 22(3)

71-006146 Vinberg, G. G. MARINE BIOLOGY RELATION BETWEEN THE PRODUCTION OF MARINE ANIMALS AND THE "GROWTH" AND "SUPPORTING" PRODUCTIONS. *Oceanology* 16 (5): 491-498. Apr. 1977. SFA 22(4)

71-006147 Votinov, N. P. and Kas'yanov, V. P. THE STATE OF STOCKS OF THE STURGEON [/ACIPENSER BAERI/] IN SIBERIAN RIVERS AND MEASURES TO INCREASE THEIR ABUNDANCE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):689-698. 1974. SFA 21(2).

71-006148 Wagner, D. S.; J. B. Averill and M. C. Miller. VARIATION IN LARVAL DENSITIES IN THE OHIO RIVER, MELDAHL POOL. *Ohio J. Sci.* 80:94. 1980. Abstract only. SFA 25(2)

71-006149 Warburton, K. GROWTH AND PRODUCTION OF SOME IMPORTANT SPECIES OF FISH IN A MEXICAN COASTAL LAGOON SYSTEM. *J. Fish Biol.* 14 (5): 449-464. May 1979. SFA 24(4)

71-006150 Watt, W. D. and G. H. Penney. JUVENILE SALMON SURVIVAL IN THE SAINT JOHN RIVER SYSTEM. *Can. Dep. Fish. Oceans Tech. Rep.* No. 939. viii + 13p. May 1980. In English with French summ. SFA 25(4)

71-006151 Weber, W. ASSESSMENT OF THE HERRING STOCKS IN THE WESTERN BALTIC. *Arch Fischereiwiss.* 29(1/2):65-73. June 1978. In English with German summ. SFA 23(4)

71-006152 Welcomme, R. L. SOME GENERAL AND THEORETICAL CONSIDERATIONS OF THE FISH YIELD OF AFRICAN RIVERS. *J. Fish Biol.* 8(5):351-364. May 1976. SFA 22(1)

71-006153 Wells, L. CHANGES IN YELLOW PERCH (/PERCA FLAVESCENS/) POPULATIONS OF LAKE MICHIGAN, 1954-75. *J. Fish. Res. Board Can.* 34(10):1821-1829. Oct. 1977. In English with French summ. SFA 23(1)

71-006154 Wiley, R. W. and D. J. Dufek. STANDING CROP OF TROUT IN THE FONTENELLE TAILWATER OF THE GREEN RIVER. *Trans. Am. Fish. Soc.* 109(2):168-175. Mar. 1980. SFA 25(2)

71-006155 Wilk, S. J.; W. G. Smith; D. E. Ralph and J. Sibunka. POPULATION STRUCTURE OF SUMMER FLOUNDER BETWEEN NEW YORK AND FLORIDA BASED ON LINEAR DISCRIMINANT ANALYSIS. *Trans. Am. Fish. Soc.* 109(3):265-271. May 1980. SFA 25(4)

71-006156 Willemsen, J. POPULATION DYNAMICS OF PERCIDS IN LAKE IJSSEL AND SOME SMALLER LAKES IN THE NETHERLANDS. *J. Fish. Res. Board Can.* 34(10):1710-1719. Oct. 1977. In English with French summ. SFA 23(1)

71-006157 Willis, D. W. and Owen, J. B. DECLINE OF YEAR-CLASS STRENGTH OF BUFFALO FISHES IN LAKE SAKAKAWEA, NORTH DAKOTA. *Prairie Nat.* 10 (3): 89-91. Sept. 1978. SFA 24(1)

71-006158 Winters, G. H. and Carscadden, J. E. REVIEW OF CAPELIN ECOLOGY AND ESTIMATION OF SURPLUS YIELD FROM PREDATOR DYNAMICS. *Int. Comm. Northwest Atl. Fish. Res. Bull.* No. 13. p. 21-30. 1978. SFA 23(4)

71-006159 Winters, G. H. RECRUITMENT MECHANISMS OF SOUTHERN GULF OF ST. LAWRENCE ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/). *J. Fish. Res. Board Can.* 33(8):1751-1763. Aug. 1976. In English with French summ. SFA 21(3).

71-006160 Wood, C. C.; Ketchen, K. S. and Beamish, R. J. POPULATION DYNAMICS OF SPINY DOGFISH (/SQUALUS ACANTHIAS/) IN BRITISH COLUMBIA WATERS. *J. Fish. Res. Board Can.* 36(6):647-656. June 1979. In English with French summ. SFA 24(4)

71-006161 Woodrum, J. E. COMPARISON OF ROTENONE AND ELECTROFISHING POPULATION ESTIMATES TO LAKE DRAINING. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:634-638. 1978[1979]. SFA 25(2)

71-006162 Yamagishi, H. EXPERIMENTAL STUDY ON POPULATION DYNAMICS IN THE GUPPY, /POECILIA RETICULATA/ (PETERS). EFFECT OF SHELTERS ON THE INCREASE OF POPULATION DENSITY. *J. Fish Biol.* 9 (1): 51-65. July 1976. SFA 22(1)

71-006163 Yeager, D. M. and M. J. Van den Avyle. RATES OF ANGLER EXPLOITATION OF LARGEMOUTH, SMALLMOUTH, AND SPOTTED BASS IN CENTER HILL RESERVOIR, TENNESSEE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:449-458. 1978[1979]. SFA 25(2)

71-006164 Yeh, C. F. PRODUCTION OF WHITE CRAPPIE IN LAKE NASWORTHY, TEXAS. *Southwest. Nat.* 23 (1): 111-116. 15 Feb. 1978. SFA 23(2)

71-006165 Yellayi, R. R. and Kilambi, R. V. POPULATION DYNAMICS OF WHITE BASS IN BEAVER RESERVOIR, ARKANSAS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:172-174. 1975[1976]. SFA 22(3)

71-006166 Young, D. K. POPULATION DYNAMICS OF *CYPRINODON RADIOSUS*: A PRELIMINARY REPORT. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:51-53. 30 Jan. 1980. SFA 25(3)

SPAWNING HABITS AND MOVEMENTS, FECUNDITY, ETC.

71-006167 Abou-Seedo, F. S. and Potter, I. C. THE ESTUARINE PHASE IN THE SPAWNING RUN OF THE RIVER LAMPREY /LAMPETRA FLUVIATILIS/. *J. Zool. (Lond.)* 188 (1): 5-25. May 1979. SFA 24(4)

71-006168 Adams, J. C. and R. V. Kilambi. MATURATION AND FECUNDITY OF REDEAR SUNFISH. *Arkansas Acad. Sci. Proc.* 33:13-16. 1979. SFA 25(3) [Okla. Water Resour. Bd., Fifth Floor, Jim Thorpe Bldg., Oklahoma City

71-006169 Alekseyeva, Ye. I. and I. D. Tormosova. MATURATION, SPAWNING AND FECUNDITY OF THE NORTH SEA HADDOCK, *MELANOGRAMMUS AEGLEFINUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):56-64. 1979. SFA 25(4)

71-006170 Ali, A. M. FECUNDITY AND HISTOLOGICAL DESCRIPTION OF THE GONADS OF THE FEMALE ASP (/ASPIUS ASPIUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 896-904. 1974. SFA 21(2).

71-006171 Allan, R. C. and Romero, J. UNDERWATER OBSERVATIONS OF LARGEMOUTH BASS SPAWNING AND SURVIVAL IN LAKE MEAD. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 104-112. 1975. SFA 21(3).

71-006172 Alldridge, N. A. and Andrew M. White. SPAWNING SITE PREFERENCES FOR NORTHERN PIKE (*ESOX LUCIUS*) IN A NEW YORK MARSH WITH WIDELY FLUCTUATING WATER LEVELS. *Ohio J. Sci.* 80:13. 1980. Abstract only. SFA 25(2)

71-006173 Altukhov, K. A. ON THE REPRODUCTION AND ABUNDANCE OF THE LESSER SAND LANCE, /AMMODYTES MARINUS/, IN THE WHITE SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):560-567. 1978. SFA 25(1)

71-006174 Altukhov, K. A. ON THE REPRODUCTIVE BIOLOGY OF THE CAPELIN (/MALLOTUS VILLOSUS/) IN THE WHITE SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 410-116. 1977. SFA 23(3)

71-006175 Altukhov, K. A. and Yerastova, V. M. REPRODUCTION OF THE SMELT (/OSMERUS EPERLANUS/) AND THE ECOLOGY OF ITS EARLY DEVELOPMENT STAGES IN KANDALAKSHA BAY, WHITE SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 877-886. 1974. SFA 21(2).

71-006176 Andreasen, J. K. and Barnes, J. R. REPRODUCTIVE LIFE HISTORY OF /CATOSTOMUS ARDENS/ AND /C. DISCOBOLUS/ IN THE WEBER RIVER, UTAH. *Copeia* 1975(4):643-648. 31 Dec. 1975. SFA 21(1).

71-006177 Andriyashev, A. P.; N. A. Butskaya and T. I. Faleeva. SEXUAL CYCLES OF ANTARCTIC FISHES *TREMATOMUS BERNACCHII* AND *PAGOTHENIA BORCHGREVINKI* (NOTOTHENIIDAE) IN CONNECTION WITH ADAPTATION. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 248(1-6):1184-1187. Mar. 1980. SFA 25(3)

71-006178 Apekin, V. S. and Vilenskaya, N. I. A DESCRIPTION OF THE SEXUAL CYCLE AND THE STATE OF THE GONADS DURING THE SPAWNING MIGRATION OF THE STRIPED MULLET, /MUGIL CEPHALUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):446-456. 1978. SFA 25(1)

71-006179 Arnold, C. R.; Wakeman, J. M.; Williams, T. D. and Treece, G. D. SPAWNING OF RED SNAPPER (/LUTJANUS CAMPECHANUS/) IN CAPTIVITY. *Aquaculture* 15 (3): 301-302. Nov. 1978. SFA 24(2)

71-006180 Artyukhin, Ye. N.; A. D. Sukhoparova and L. G. Fimukhina. THE GONADS OF THE STURGEON, *ACIPENSER GULDENSTADTI*, IN THE ZONE BELOW THE DAM OF THE VOLGOGRAD WATER ENGINEERING SYSTEM. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):912-923. 1978. SFA 25(2)

71-006181 Asahina, K.; K. Iwashita; I. Hanyu and T. Hibiya. [ANNUAL REPRODUCTIVE CYCLE OF A BITTERLING, *RHODEUS OCELLATUS OCELLATUS*. *Bull. Jpn. Soc. Sci. Fish.* 46(3):299-305. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-006182 Atkinson, D. B. and Carscadden, J. E. BIOLOGICAL CHARACTERISTICS OF INSHORE CAPELIN, /MALLOTUS VILLOSUS/ (MULLER), JUNE-JULY 1977. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 881. iv + 18p. May 1979. In English with French summ. SFA 25(1)

71-006183 Auty, E. H. REPRODUCTIVE BEHAVIOUR AND EARLY DEVELOPMENT OF THE EMPIRE FISH /HYPSELEOTRIS COMPRESSUS/ (ELEOTRIDAE). *Aust. J. Mar. Freshwater Res.* 29 (5): 585-597. Oct. 1978. SFA 24(2)

71-006184 Avila, V. L. A FIELD STUDY OF NESTING BEHAVIOR OF MALE BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/ RAFINESQUE). *Am. Midl. Nat.* 96(1):195-206. July 1976. SFA 21(3).

71-006185 Babiker, M. M. and Ibrahim, H. STUDIES ON THE BIOLOGY OF REPRODUCTION IN THE CICHLID /TILAPIA NILOTICA/ (L.): GONADAL MATURATION AND FECUNDITY. *J. Fish Biol.* 14 (5): 437-448. May 1979. SFA 24(4)

71-006186 Baglin, R. E., Jr. SEX RATIOS AND SPAWNING OF WHITE BASS, /MORONE CHRYSOPS/, FROM THE RED AND WASHITA RIVER SEGMENTS OF LAKE TEXOMA. *Tex. J. Sci.* 29 (1-2): 29-32. Sept. 1977. SFA 23(2)

71-006187 Baglin, R. E., Jr. and Hill, L. G. FECUNDITY OF THE WHITE BASS, /MORONE CHRYSOPS/ (RAFINESQUE), IN LAKE TEXOMA. *Am. Midl. Nat.* 98 (1): 233-238. July 1977. SFA 22(4)

71-006188 Balon, E. K.; Momot, W. T. and Regier, H. A. REPRODUCTIVE GUILDS OF PERCIDS: RESULTS OF THE PALEOGEOGRAPHICAL HISTORY AND ECOLOGICAL SUCCESSION. *J. Fish. Res. Board Can.* 34 (10): 1910-1921. Oct. 1977. In English with French summ. SFA 23(1)

71-006189 Bams, R. A. SURVIVAL AND PROPENSITY FOR HOMING AS AFFECTED BY PRESENCE OR ABSENCE OF LOCALLY ADAPTED PATERNAL GENES IN TWO TRANSPLANTED POPULATIONS OF PINK SALMON (/ONCORHYNCHUS GORBUSCHA/). *J. Fish. Res. Board Can.* 33 (12): 2716-2725. Dec. 1976. In English with French summ. SFA 22(1)

71-006190 Baylis, J. R. A QUANTITATIVE STUDY OF LONG-TERM COURTSHIP: II. A COMPARATIVE STUDY OF THE DYNAMICS OF COURTSHIP IN TWO NEW WORLD CICHLID FISHES. *Behaviour* 59 (3-4): 117-161. 1976. In English with German summ. SFA 22(3)

71-006191 Baylis, J. R. A QUANTITAVE STUDY OF LONG-TERM COURTSHIP: I. ETHOLOGICAL ISOLATION BETWEEN SYMPATRIC POPULATIONS OF THE MIDAS CICHLID, /CICHLASOMA CITRINELLUM/, AND THE ARROW CICHLID, /C. ZALIOSUM/. *Behaviour* 59 (1-2): 59-69. 1976. In English with German Summ. SFA 21(4)

71-006192 Behrens, D. W. FECUNDITY AND REPRODUCTION OF THE VIVIPAROUS PERCHES /HYPSURUS CARYI/ (AGASSIZ) AND /EMBIOTOCA JACKSONI/ AGASSIZ. *Calif. Fish Game* 63 (4): 234-252. Oct. 1977. SFA 23(2)

71-006193 Bell, M. A. LOW-PLATE MORPH OF THE THREE-SPINE STICKLEBACK BREEDING IN SALT WATER. *Copeia* 1979 (3): 529-533. 1 Aug. 1979. SFA 24(4)

71-006194 Benoit, D. A. and Carlson, R. W. SPAWNING SUCCESS OF FATHEAD MINNOWS ON SELECTED ARTIFICIAL SUBSTRATES. *Prog. Fish-Cult.* 39(2):67-69. Apr. 1977. SFA 22(3)

71-006195 Berenbeym, D. Ya. HYDROMETEOROLOGICAL FEATURES OF THE PRE-SPAWNING MIGRATIONS AND TIMES OF COMMENCEMENT OF SPAWNING OF THE AZOV ANCHOVY, /ENGRAULIS ENCRASICHOLUS MAEOTICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 126-133. 1977. SFA 23(3)

71-006196 Beumer, J. P. REPRODUCTIVE CYCLES OF TWO AUSTRALIAN FRESHWATER FISHES: THE SPANGLED PERCH, /THERAPON UNICOLOR/ GUNTHER, 1859 AND THE EAST QUEENSLAND RAINBOWFISH, /NEMATOCENTRIS SPLENDIDA/ PETERS, 1866. *J. Fish Biol.* 15(1):111-134. July 1979. SFA 25(1)

71-006197 Bhanot, K. K. OBSERVATIONS ON THE SPAWNING OF /HILSA ILISHA/ (HAMILTON) IN THE HOOGHLY ESTUARY. *J. Inland Fish. Soc. India* 5: 50-54. Dec. 1973. SFA 24(3)

71-006198 Bhatt, V. S.; Dalal, S. G. and Abidi, S. A. H. FECUNDITY OF THE FRESHWATER CATFISHES /MYSTUS SEENGHALA/ (SYKES), /MYSTUS CAVASIUS/ (HAM), /WALLAGONIA ATTU/ (BLOCH) AND /HETEROPNEUSTES FOSSILIS/ (BLOCH) FROM THE PLAINS OF NORTHERN INDIA. *Hydrobiologia* 54 (3): 219-224. 22 June 1977. SFA 22(4)

71-006199 Bjerknes, V. and A. B. Vaag. MIGRATION AND CAPTURE OF PINK SALMON, *ONCORHYNCHUS GORBUSCHA* WALBAUM IN FINNMARK, NORTH NORWAY. *J. Fish Biol.* 16(3):291-297. Mar. 1980. SFA 25(3)

71-006200 Blake, B. F. ASPECTS OF THE REPRODUCTIVE BIOLOGY OF /HIPPOPOTAMYRUS PICTUS/ FROM LAKE KAINJI, WITH NOTES ON FOUR OTHER MORMYRID SPECIES. *J. Fish Biol.* 11 (5): 437-445. Nov. 1977. SFA 23(1).

71-006201 Blankenbeckler, D. PACIFIC HERRING (/CLUPEA PALLASII/) SPAWNING GROUND RESEARCH IN SOUTHEASTERN ALASKA, 1977. *Alaska Dep. Fish Game Tech. Data Rep.* No. 37. 13p. 1978. SFA 24(4)

71-006202 Blankenbeckler, D. PACIFIC HERRING (/CLUPEA PALLASII/) HARVEST STATISTICS AND A SUMMARY OF HYDROACOUSTICAL SURVEYS CONDUCTED IN SOUTHEASTERN ALASKA DURING THE FALL, WINTER AND SPRING, 1976-77. *Alaska Dep. Fish Game Tech. Data Rep.* No. 38. 149p. 1978. SFA 24(4)

71-006203 Blumer, L. S. MALE PARENTAL CARE IN THE BONY FISHES. *Q. Rev. Biol.* 54 (2): 149-161. June 1979. SFA 24(4)

71-006204 Bodaly, R. A. PRE- AND POST SPAWNING MOVEMENTS OF WALLEYE, *STIZOSTEDION VITREUM*, IN SOUTHERN INDIAN LAKE, MANITOBA. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 931. v + 30p. June 1980. In English with French summ. SFA 25(4)

71-006205 Borowsky, R. and Khouri, J. PATTERNS OF MATING IN NATURAL POPULATIONS OF /XIPHOPHORUS/ II. /X. VARIATUS/ FROM TAMAULIPAS, MEXICO. *Copeia*. 1976 (4): 727-734. 30 Dec. 1976. SFA 22(2)

71-006206 Bowering, W. R. FECUNDITY OF WITCH FLOUNDER (/GLYPTOCEPHALUS CYNOGLOSSUS/) FROM ST. PIERRE BANK AND THE GRAND BANK OF NEWFOUNDLAND. *J. Fish. Res. Board Can.* 35 (9): 1199-1206. Sept. 1978. In English with French summ. SFA 24(1)

71-006207 Bradley, W. K., Jr. MOUTHBROODING AND COURTSHIP BEHAVIOR IN A NEOTROPICAL CICHLID, *GEOPHAGUS HONDAE*. *Fla. Sci.* 43(1):57-59. 1980. SFA 25(3)

71-006208 Brewer, G. D. REPRODUCTION AND SPAWNING OF THE NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, IN SAN PEDRO BAY, CALIFORNIA. *Calif. Fish Game* 64 (3): 175-184. July 1978. SFA 24(1)

71-006209 Brown, A. K. BREEDING TERRITORIES IN TWO FRESHWATER FISHES OF THE GENUS /CYPRINODON/ (PISCES, CYPRINODONTIDAE) IN SOUTHWESTERN UNITED STATES. *Ph.D. dissertation, Univ. South. Calif.* 152p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(3), 1975. SFA 21(1).

71-006210 Brown, D. H. and Marshall, J. A. REPRODUCTIVE BEHAVIOUR OF THE RAINBOW CICHLID, /HEROTILAPIA MULTISPINOSA/ (PISCES, CICHLIDAE). *Behaviour* 67 (3,4): 299-321. 1978. In English with German summ. SFA 24(2)

71-006211 Brown, L. P. POLYGAMY, FEMALE CHOICE, AND THE MOTTLED SCULPIN, /COTTUS BAIRDI/. *Ph.D. dissertation, Ohio State Univ.* 181p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1658. Oct. 1978. SFA 24(3)

71-006212 Bruton, M. N. THE BREEDING BIOLOGY AND EARLY DEVELOPMENT OF /CLARIAS GARIEPINUS/ (PISCES: CLARIIDAE) IN LAKE SIBAYA, SOUTH AFRICA, WITH A REVIEW OF BREEDING IN SPECIES OF THE SUBGENUS /CLARIAS/ (CLARIAS). *Trans. Zool. Soc. Lond.* 35 (1): 1-45. May 1979. SFA 24(3)

71-006213 Burr, B. M. and Morris, M. A. SPAWNING BEHAVIOR OF THE SHORTHEAD REDHORSE, /MOXOSTOMA MACROLEPIDOTUM/, IN BIG ROCK CREEK, ILLINOIS. *Trans. Am. Fish. Soc.* 106 (1): 80-82. Jan. 1977. SFA 22(3)

71-006214 Burr, B. M. OBSERVATIONS ON SPAWNING AND BREEDING COLORATION OF /MOXOSTOMA LACHNERI/ IN CHATTAHOOCHEE RIVER, GEORGIA. *Ga. J. Sci.* 37 (3/4): 205-207. June-Sept. 1979. SFA 24(4)

71-006215 Cadwallader, P. L. BREEDING BIOLOGY OF A NON-DIADROMOUS GALAXIID, /GALAXIAS VULGARIS/ STOKELL, IN A NEW ZEALAND RIVER. *J. Fish Biol.* 8 (2): 157-177. Feb. 1976. SFA 22(1)

71-006216 Cala, P. AGE AT MATURITY, TESTICULAR DEVELOPMENT AND SEASONAL CHANGES IN THE TESTES OF THE IDE /IDUS IDUS/ (L.) (PISCES, CYPRINIDAE) IN THE RIVER KAVLINGEAN, SOUTH SWEDEN. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 5-14. 1976. SFA 23(1)

71-006217 Campbell, J. S. SPAWNING CHARACTERISTICS OF BROWN TROUT AND SEA TROUT /SALMO TRUTTA/ L. IN KIRK BURN, RIVER TWEEN, SCOTLAND. *J. Fish Biol.* 11 (3): 217-229. Sept. 1977. SFA 23(1)

71-006218 Campos, A. G. and Bashirullah, A. K. M. BIOLOGIA DEL PARGO /LUTJANUS GRISEUS/ (LINN.) DE LA ISLA DE CUBAGUA, VENEZUELE, II. MADURACION SEXUAL Y FECUNDIDAD. [BIOLOGY OF /LUTJANUS GRISEUS/ (LINN.) OF THE CUBAGUA ISLAND, VENEZUELA. II. SEXUAL MATURATION AND FECUNDITY.] *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14 (11): 109-116. June 1975. In Spanish with English summ. SFA 22(1)

71-006219 Carscadden, J. E. STUDIES ON THE AMERICAN SHAD (/ALOSA SAPIDISSIMA/, WILSON) IN THE ST. JOHN RIVER AND MIRAMICHI RIVER, NEW BRUNSWICK WITH SPECIAL REFERENCE TO HOMING AND R-K SELECTION. *Ph.D. dissertation, McGill Univ.* 1975. [Order microfiche copy from the National Library of Canada at Ottawa.] From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-006220 Chan, E. H. and T.-E. Chua. REPRODUCTION IN THE GREENBACK GREY MULLET, *LIZA SUBVIRIDIS* (VALENCIENNES, 1836). *J. Fish Biol.* 16(5):505-519. May 1980. SFA 25(4)

71-006221 Chapman, R. W. OBSERVATIONS OF SPAWNING BEHAVIOR IN ATLANTIC SPADEFISH, /CHAETODIPTERUS FABER/. *Copeia* 1978 (2): 336. 5 May 1978. SFA 23(3)

71-006222 Chebanov, N. A. BEHAVIOR AND MATE SELECTION AMONG CHUM BROOK STOCK OF DIFFERENT SIZES WITH A PREDOMINANCE OF MALES IN THE SPAWNING GROUNDS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 10(2):141-146. Nov. 1979. SFA 25(1)

71-006223 Chernyanev, Zh. A. MORPHOLOGICAL AND ECOLOGICAL FEATURES OF THE REPRODUCTION AND DEVELOPMENT OF THE "BIG GOLOMYANKA" OR BAIKAL OIL-FISH (/COMEPHORUS BAICALENSIS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):856-868. 1974. SFA 21(2).

71-006224 Chittenden, M. E., Jr. PRESENT AND HISTORICAL SPAWNING GROUNDS AND NURSERIES OF AMERICAN SHAD, /ALOSA SAPIDISSIMA/, IN THE DELAWARE RIVER. *NOAA Fish. Bull.* 74(2):343-352. Apr. 1976. SFA 21(2).

71-006225 Clay, D. SEXUAL MATURITY AND FECUNDITY OF THE AFRICAN CATFISH (/CLARIAS GARIEPINUS/) WITH AN OBSERVATION ON THE SPAWNING BEHAVIOUR OF THE NILE CATFISH (/CLARIAS LAZERA/). *Zool. J. Linn. Soc.* 65 (4): 351-365. Apr. 1979. SFA 24(4)

71-006226 Cohen, S. and McFarland, D. TIME-SHARING AS A MEACHANISM FOR THE CONTROL OF BEHAVIOUR SEQUENCES DURING THE COURTSHIP OF THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/). *Anim. Behav.* 27 (1): 270-283. Feb. 1979. SFA 24(3)

71-006227 Colin, P. L. and Clavijo, I. E. MASS SPAWNING BY THE SPOTTED GOATFISH, /PSEUDUPENEUS MACULATUS/ (BLOCH) (PISCES: MULLIDAE). *Bull. Mar. Sci.* 28 (4): 780-782. Oct. 1978. SFA 24(2)

71-006228 Colin, P. L. DAILY AND SUMMER-WINTER VARIATION IN MASS SPAWNING OF THE STRIPED PARROTFISH, /SCARUS CROICENSIS/. *NOAA Fish. Bull.* 76 (1): 117-124. Jan. 1978. SFA 23(3)

71-006229 Colman, J. A. SPAWNING OF THE SPRAT, *SPRATTUS ANTIPODUM* (HECTOR), ROUND THE SOUTH ISLAND OF NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 13(20):263-272. 1979. SFA 25(2)

71-006230 Colton, J. B., Jr.; Smith, W. G.; Kendall, A. W., Jr.; Berrien, P. L. and Fahay, M. P. PRINCIPAL SPAWNING AREAS AND TIMES OF MARINE FISHES, CAPE SABLE TO CAPE HATTERAS. *NOAA Fish. Bull.* 76 (4): 911-915. 1979. SFA 24(2)

71-006231 Constantz, G. D. LIFE HISTORY PATTERNS OF A LIVEBEARING FISH IN CONTRASTING ENVIRONMENTS. *Oecologia (Berl.)* 40 (2): 189-201. 27 June 1979. SFA 24(4)

71-006232 Constantz, G. D. BEHAVIORAL ECOLOGY OF MATING IN THE MALE GILA TOPMINNOW, /POECILIOPSIS OCCIDENTALIS/ (CYPRINODONTIFORMES: POECILIIDAE). *Ecology* 56 (4): 966-973. 1975. SFA 22(3)

71-006233 Cooper, J. C. and Hasler, A. D. ELECTROPHYSIOLOGICAL STUDIES OF MORPHOLINE-IMPRINTED COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (4,1): 688-694. Apr. 1976. In English with French summ. SFA 21(2).

71-006234 Cooper, J. C. and Scholz, A. T. HOMING OF ARTIFICIALLY IMPRINTED STEELHEAD (RAINBOW) TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 33 (4,1): 826-829. Apr. 1976. In English with French summ. SFA 21(2).

71-006235 Cooper, J. C.; Scholz, A. T.; Horrall, R. M.; Hasler, A. D. and Madison, D. M. EXPERIMENTAL CONFIRMATION OF THE OLFACTORY HYPOTHESIS WITH HOMING, ARTIFICIALLY IMPRINTED COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 33 (4,1): 703-710. Apr. 1976. In English with French summ. SFA 21(2).

71-006236 Courtois, L. A. and Hino, S. EGG DEPOSITION OF THE DESERT PUPFISH, /CYPRINODON MACULARIUS/, IN RELATION TO SEVERAL PHYSICAL PARAMETERS. *Calif. Fish Game* 65 (2): 100-105. Apr. 1979. SFA 24(3)

71-006237 Crossland, J. FECUNDITY OF THE SNAPPER /CHRYSOPHRYS AURATUS/ (PISCES: SPARIDAE) FROM THE HAURAKI GULF. *N. Z. J. Mar. Freshwater Res.* 11 (4): 767-775. Dec. 1977. SFA 23(4)

71-006238 Crossland, J. SEASONAL REPRODUCTIVE CYCLE OF SNAPPER /CHRYSOPHRYS AURATUS/ (FORSTER) IN THE HAURAKI GULF. *N. Z. J. Mar. Freshwater Res.* 11 (1): 37-60. Mar. 1977. SFA 23(1)

71-006239 Curry, K. D. USE OF A WABASH RIVER TRIBUTARY FOR SUCKER (CATOSTOMIDAE) REPRODUCTION. *Ph.D. dissertation, Purdue Univ.* 110p. 1979. From Diss. Abstr. Int. B Sci. Eng. 41(1):54. July 1980. SFA 25(4)

71-006240 Dahlgren, B. T. THE EFFECTS OF POPULATION DENSITY ON FECUNDITY AND FERTILITY IN THE GUPPY, /POECILIA RETICULATA/ (PETERS). *J. Fish Biol.* 15(1):71-91. July 1979. SFA 25(1)

71-006241 Daniels, R. A. NEST GUARD REPLACEMENT IN THE ANTARCTIC FISH /HARPAGIFER BISPINIS/: POSSIBLE ALTRUISTIC BEHAVIOR. *Science* 205 (4408): 831-833. 24 Aug. 1979. SFA 24(4)

71-006242 Daniels, R. A. NESTING BEHAVIOUR OF /HARPAGIFER BISPINIS/ IN ARTHUR HARBOUR, ANTARCTIC PENINSULA. *J. Fish Biol.* 12 (5): 465-474. May 1978. SFA 23(4)

71-006243 Danilov, N. N. CONDITIONS OF REPRODUCTION AND PREREQUISITES FOR BIOLOGICAL DIFFERENTIATION IN THE KUYBYSHEV RESERVOIR POPULATION OF BREAM /ABRAMIS BRAMA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 196-202. 1975. SFA 21(3).

71-006244 Datta Munshi, J. S.; Bilgrami, K. S.; Saha, M. P. and Johar, M. A. O. SURVEY OF FISH-SPAWN COLLECTION GROUNDS IN THE RIVER GANGES. *Environ. Conserv.* 6(2):153-157. 1979. SFA 25(1)

71-006245 Davis, J. R. REPRODUCTIVE SEASONS IN /GAMBUSIA AFFINIS/ AND /GAMBUSIA GEISERI/ (OSTEICHTHYES: POECILIIDAE) FROM SOUTHCENTRAL TEXAS. *Tex. J. Sci.* 30 (1): 97-99. Mar. 1978. SFA 23(2)

71-006246 Davis, T. L. O. REPRODUCTIVE BIOLOGY OF THE FRESHWATER CATFISH, /TANDANUS TANDANUS/ MITCHELL, IN THE GWYDIR RIVER, AUSTRALIA. II. GONADAL CYCLE AND FECUNDITY. *Aust. J. Mar. Freshwater Res.* 28 (2): 159-169. Apr. 1977. SFA 22(4)

71-006247 De Silva, S. S. and J. Chandrasoma. REPRODUCTIVE BIOLOGY OF *SAROTHERODON MOSSAMBICUS*, AN INTRODUCED SPECIES, IN AN ANCIENT MAN-MADE LAKE IN SRI LANKA. *Environ. Biol. Fishes* 5(3):253-259. 29 Sept. 1980. SFA 25(4)

71-006248 De Vlaming, V. L.; Kuris, A. and Parker, F. R., Jr. SEASONAL VARIATION OF REPRODUCTION AND LIPID RESERVES IN SOME SUBTROPICAL CYPRINODONTIDS. *Trans. Am. Fish. Soc.* 107(3):464-472. May 1978. SFA 23(4)

71-006249 DeMartini, E. E. APPARENT PATERNAL CARE IN /LIPARIS FUCENSIS/ (PISCES: CYCLOPTERIDAE). *Copeia* 1978 (3): 537-539. 10 Aug. 1978. SFA 23(4)

71-006250 Dietrich, C. S., Jr. FECUNDITY OF THE ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/. *NOAA Fish. Bull.* 77 (1): 308-311. Jan. 1979. SFA 24(3)

71-006251 Dolan, J. A. and Power, G. SEX RATIO OF AMERICAN EELS, /ANGUILLA ROSTRATA/, FROM THE MATAMEK RIVER SYSTEM, QUEBEC, WITH REMARKS ON PROBLEMS IN SEXUAL IDENTIFICATION. *J. Fish. Res. Board Can.* 34(2):294-299. Feb. 1977. In English with French summ. SFA 22(3)

71-006252 Downhower, J. F. and L. Brown. MATE PREFERENCES OF FEMALE MOTTLED SCULPINS, *COTTUS BAIRDI*. *Anim. Behav. (Bailliere-Tindall, Publ.)* 28(3):728-734. Aug. 1980. SFA 25(4)

71-006253 Du Buit, M. H. THE OVARIAN CYCLE OF THE CUCKOO RAY, /RAJA NAEVUS/ (MULLER AND HENLE), IN THE CELTIC SEA. *J. Fish Biol.* 8 (3): 199-207. Mar. 1976. SFA 22(1)

71-006254 Durbin, A. G.; Nixon, S. W. and Oviatt, C. A. EFFECTS OF THE SPAWNING MIGRATION OF THE ALEWIFE, /ALOSA PSEUDOHARENGUS/, ON FRESHWATER ECOSYSTEMS. *Ecology* 60 (1): 8-17. Feb. 1979. SFA 24(3)

71-006255 Dyagilev, S. Ye. and N. B. Markevich. DIFFERENT TIMES OF MATURATION OF THE PINK SALMON, *ONCORHYNCHUS GORBUSCHA*, IN EVEN AND UNEVEN YEARS AS THE MAIN FACTOR RESPONSIBLE FOR DIFFERENT ACCLIMATIZATION RESULTS IN THE NORTHWESTERN USSR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):30-44. 1979. SFA 25(4)

71-006256 Elliott, J. M. THE DOWNSTREAM DRIFTING OF EGGS OF BROWN TROUT, /SALMO TRUTTA/ L. *J. Fish Biol.* 9 (1): 45-50. July 1976. SFA 22(1)

71-006257 Emery, L. and Brown, E. H., Jr. FECUNDITY OF THE BLOATER (/COREGONUS HOYI/) IN LAKE MICHIGAN. *Trans. Am. Fish. Soc.* 107 (6): 785-789. Nov. 1978. SFA 24(2)

71-006258 Erman, D. C. and Hawthorne, V. M. THE QUANTITATIVE IMPORTANCE OF AN INTERMITTENT STREAM IN THE SPAWNING OF RAINBOW TROUT. *Trans. Am. Fish. Soc.* 105 (6): 675-681. Nov. 1976. SFA 22(1)

71-006259 Farringer, R. T. III; Echelle, A. A. and Lehtinen, S. F. REPRODUCTIVE CYCLE OF THE RED SHINER, /NOTROPIS LUTRENSIS/, IN CENTRAL TEXAS AND SOUTH CENTRAL OKLAHOMA. *Trans. Am. Fish. Soc.* 108 (3): 271-276. May 1979. SFA 24(4)

71-006260 Fernald, R. D. QUANTITATIVE BEHAVIOURAL OBSERVATIONS OF /HAPLOCHROMIS BURTONI/ UNDER SEMI-NATURAL CONDITIONS. *Anim. Behav.* 25 (3): 643-653. Aug. 1977. SFA 23(2)

71-006261 Fernholm, B. OVULATION AND EGGS OF THE HAGFISH /EPTATRETUS BURGERI . *Acta Zool. (Stockh.)* 56(3):199-204. 1975. SFA 21(1).

71-006262 Figley, W. SEX RATIOS WITHIN LENGTH GROUPS OF COMMERCIALLY CAUGHT SUMMER FLOUNDER IN NEW JERSEY. *N.J. Dep. Environ. Prot. Bur. Fish Tech. Rep.* No. 20M. 16p. June 1977. SFA 23(1)

71-006263 Finucane, J. H.; Collins, L. A. and Barger, L. E. SPAWNING OF THE STRIPED MULLET, /MUGIL CEPHALUS/, IN THE NORTHWESTERN GULF OF MEXICO. *Northeast Gulf Sci.* 2 (2): 148-150. Dec. 1978. SFA 24(3)

71-006264 Fischer, E. A. MATING SYSTEM AND SIMULTANEOUS HERMAPHRODITISM IN THE CORAL REEF FISH, *HYPOPLECTRUS NIGRICANS* (SERRANIDAE), WITH A DISCUSSION OF THE SYSTEMATIC STATUS OF THE SPECIES IN THE GENUS *HYPOPLECTRUS*. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 161p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(7):3037. Jan. 1980. SFA 25(2)

71-006265 Fischer, E. A. THE RELATIONSHIP BETWEEN MATING SYSTEM AND SIMULTANEOUS HERMAPHRODITISM IN THE CORAL REEF FISH, *HYPOPLECTRUS NIGRICANS* (SERRANIDAE). *Anim. Behav. (Baillière Tindall, Publ.)* 28(2):620-633. May 1980. SFA 25(3)

71-006266 Fishelson, L. SPAWNING AND LARVAL DEVELOPMENT OF THE BLENNID FISH, /MEIACANTHUS NIGROLINEATUS/ FROM THE RED SEA. *Copeia.* 1976 (4): 798-800. 30 Dec. 1976. SFA 22(2)

71-006267 Fitzgerald, G. J. and Keenleyside, M. H. A. THE EFFECTS OF NUMERICAL DENSITY OF ADULT FISH ON REPRODUCTION AND PARENTAL BEHAVIOR IN THE CONVICT CICHLID FISH /CICHLASOMA NIGROFASCIATUM/ (GUNTHER). *Can. J. Zool.* 56(6):1367-1371. June 1978. In English with French summ. SFA 23(4)

71-006268 Fitzgerald, G. J. THE EFFECTS OF DENSITY OF ADULT FISH ON REPRODUCTION AND PARENTAL BEHAVIOR IN CONVICT CICHLID FISH /CICHLASOMA NIGROFASCIATUM/ (GUNTHER). *Ph.D. dissertation, Univ. Western Ontario (Canada)* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-006269 Foltz, J. W. FECUNDITY OF THE SLIMY SCULPIN, /COTTUS COGNATUS/, IN LAKE MICHIGAN. *Copeia.* 1976 (4): 802-804. 30 Dec. 1976. SFA 22(2)

71-006270 Foott, J. SALMON EGGS. *Oceans* 12 (2): 33-35. Mar.-Apr. 1979. SFA 24(3)

71-006271 Fox, P. J. PRELIMINARY OBSERVATIONS ON DIFFERENT REPRODUCTION STRATEGIES IN THE BULLHEAD (/COTTUS GOBIO/ L.) IN NORTHERN AND SOUTHERN ENGLAND. *J. Fish Biol.* 12 (1): 5-11. Jan. 1978. SFA 23(2)

71-006272 Fricke, H. W. CONTROL OF DIFFERENT MATING SYSTEMS IN A CORAL REEF FISH BY ONE ENVIRONMENTAL FACTOR. *Anim. Behav. (Baillière Tindall, Publ.).* 28(2):561-569. May 1980. SFA 25(3)

71-006273 Fricke, H. W. MATING SYSTEM, RESOURCE DEFENCE AND SEX CHANGE IN THE ANEMONEFISH /AMPHIPRION AKALLOPISOS/. *J. Comp. Ethol.* 50(3):313-326. July 1979. In English with German summ. SFA 25(1)

71-006274 Fuller, J. D.; Scott, D. B. C. and Fraser, R. THE REPRODUCTIVE CYCLE OF /COREGONUS LAVARETUS/ (L) IN LOCH LOMOND, SCOTLAND, IN RELATION TO SEASONAL CHANGES IN PLASMA CORTISOL CONCENTRATION. *J. Fish Biol.* 9 (2): 105-117. Aug. 1976. SFA 22(2)

71-006275 Fursa, T. I. ON THE SEASONAL NATURE OF THE SPAWNING OF FISHES IN THE EASTERN PART OF THE ARABIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):66-74. 1979. SFA 25(4)

71-006276 Gale, W. F. and Buynak, G. L. SPAWNING FREQUENCY AND FECUNDITY OF SATINFIN SHINER (/NOTROPIS ANALOSTANUS/)--A FRACTIONAL, CREVICE SPAWNER. *Trans. Am. Fish. Soc.* 107 (3): 460-463. May 1978. SFA 23(4)

71-006277 Gale, W. F. and Gale, C. A. SELECTION OF ARTIFICIAL SPAWNING SITES BY THE SPOTFIN SHINER (/NOTROPIS SPILOPTERUS). *J. Fish. Res. Board Can.* 33 (9): 1906-1913. Sept. 1976. In English with French Summ. SFA 21(3).

71-006278 Gale, W. F. and Gale, C. A. SPAWNING HABITS OF SPOTFIN SHINER (/NOTROPIS SPILOPTERUS/)--A FRACTIONAL, CREVICE SPAWNER. *Trans. Am. Fish. Soc.* 106 (2): 170-177. Mar. 1977. SFA 22(3)

71-006279 Galkin, A. S. and Kovalev, S. M. FECUNDITY OF THE CAPELIN, /MALLOTUS VILLOSUS VILLOSUS/, OF THE BARENTS SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 579-583. 1975. SFA 21(3).

71-006280 Geistdoerfer, P. NEW DATA ON THE REPRODUCTION OF MACROURIDS (TELEOSTEI, GADIFORMES). *Sarsia* 64(1/2):109-112. 1979. SFA 25(1)

71-006281 George, C. J. and Gordon, J. H. II OBSERVATIONS ON THE RAINBOW SMELT IN LAKE GEORGE, NEW YORK. *N.Y. Fish Game J.* 23(1):13-19. Jan. 1976. SFA 21(1).

71-006282 Gerking, S. D.; Lee, R. and Shrode, J. B. EFFECTS OF GENERATION-LONG TEMPERATURE ACCLIMATION ON REPRODUCTIVE PERFORMANCE OF THE DESERT PUPFISH, /CYPRINODON N. NEVADENSIS/. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 335. July 1977. Abstract only. SFA 23(3)

71-006283 Glebe, B. D. WEIGHT LOSS AND ASSOCIATED ENERGY EXPENDITURE OF AMERICAN SHAD (/ALOSA SAPIDISSIMA/, WILSON) DURING THE FRESHWATER SPAWNING MIGRATION. *Ph.D. dissertation, McGill Univ.* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4621. Apr. 1978. SFA 23(3)

71-006284 Glebe, B. D.; T. D. Appy and R. L. Saunders. VARIATION IN ATLANTIC SALMON (*SALMO SALAR*) REPRODUCTIVE TRAITS AND THEIR IMPLICATIONS IN BREEDING PROGRAMS. *N. Am. Salmon Res. Cent. Rep.* No. 4. 11p. 1979. SFA 25(2)

71-006285 Glenn, C. L. and Williams, R. R. G. FECUNDITY OF MOONEYE, /HIODON TERGISUS/, IN THE ASSINIBOINE RIVER. *Can. J. Zool.* 54 (2): 156-161. Feb. 1976. In English with French summ. SFA 22(1)

71-006286 Goldberg, S. R. SEASONAL SPAWNING CYCLES OF TWO MARINE COTTID FISHES, *CHITONOTUS PUGETENSIS* AND *ICELINUS QUADRICERIATUS* FROM SOUTHERN CALIFORNIA. *Bull. Mar. Sci.* 30(1):131-135. Jan. 1980. SFA 25(2)

71-006287 Goldberg, S. R. and Ticknor, W. C., Jr. REPRODUCTIVE CYCLE OF THE PINK SURFPERCH, /ZALEMBIUS ROSACEUS/ (EMBIOTOCIDAE). *NOAA Fish. Bull.* 75 (4): 882-884. Oct. 1977. SFA 23(2)

71-006288 Goldberg, S. R. SEASONAL OVARIAN CYCLE OF THE TIDEWATER GOBY, /EUCYCLOGOBIUS NEWBERRYI/ (GOBIIDAE). *Southwest. Nat.* 22(4):557-562. 15 Oct. 1977. SFA 23(1)

71-006289 Goldberg, S. R. REPRODUCTIVE CYCLE OF THE WHITE SEAPERCH, /PHANERODON FURCATUS/ (EMBIOTOCIDAE). *Copeia* 1978 (2): 334-336. 5 May 1978. SFA 23(3)

71-006290 Goldberg, S. R. SEASONAL SPAWNING CYCLES OF THE SCIAENID FISHES /GENYONEMUS LINEATUS/ AND /SERIPHUS POLITUS/. *NOAA Fish. Bull.* 74 (4): 983-984. Oct. 1976. SFA 22(2)

71-006291 Goldspink, C. R. THE RETURN OF MARKED ROACH (/RUTILUS RUTILUS/ L.) TO SPAWNING GROUNDS IN TJEUKEMEER, THE NETHERLANDS. *J. Fish Biol.* 11 (6): 599-603. Dec. 1977. SFA 23(2)

71-006292 Gomelyuk, V. Ye. INFLUENCE OF ENVIRONMENTAL FACTORS ON MALE PARENTAL BEHAVIOR OF WHITE SEA THREESPINE STICKLEBACK (/GASTEROSTEUS ACULEATUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 949-958. 1976. SFA 23(3)

71-006293 Grimes, C. B. and G. R. Huntsman. REPRODUCTIVE BIOLOGY OF THE VERMILION SNAPPER, *RHOMBOPLITES AURORUBENS*, FROM NORTH CAROLINA AND SOUTH CAROLINA. *NOAA Fish. Bull.* 78(1):137-146. 1980. SFA 25(4)

71-006294 Gromov, I. A. THE FECUNDITY OF THE EASTERN CARP, *CYPRINUS CARPIO HAEMATOPTERUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):98-103. 1979. SFA 25(3)

71-006295 Gross, M. R. and W. A. Nowell. THE REPRODUCTIVE BIOLOGY OF ROCK BASS, *AMBLOPLITES RUPESTRIS* (CENTRARCHIDAE), IN LAKE OPINICON, ONTARIO. *Copeia* 1980(3):482-494. 6 Sept. 1980. SFA 25(4)

71-006296 Gross, M. R. CUCKOLDRY IN SUNFISHES (/LEPOMIS/: CENTRARCHIDAE). *Can. J. Zool.* 57 (7): 1507-1509. July 1979. In English with French summ. SFA 24(4)

71-006297 Gross, M. R. SEXUAL SELECTION AND THE EVOLUTION OF REPRODUCTIVE STRATEGIES IN SUNFISHES (*LEPOMIS*: CENTRARCHIDAE). *Ph.D. dissertation, Univ. Utah* 330p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(2):452. Aug. 1980. SFA 25(4)

71-006298 Gubanov, Ye. P. THE REPRODUCTION OF SOME SPECIES OF PELAGIC SHARKS FROM THE EQUATORIAL ZONE OF THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):781-792. 1978. SFA 25(2)

71-006299 Habib, G. REPRODUCTIVE BIOLOGY OF THE PUFFERFISH, /URANOSTOMA RICHEI/ (PLECTOGNATHI: LAGOCEPHALIDAE), FROM LYTTELTON HARBOUR. *N.Z. J. Mar. Freshwater Res.* 13(1):71-78. 1979. SFA 25(1)

71-006300 Hain, J. H. W. MIGRATORY ORIENTATION IN THE AMERICAN EEL, /ANGUILLA ROSTRATA/. *Ph.D. dissertation, Univ. R.I.* 143p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(9), 1976. SFA 21(1).

71-006301 Hanamoto, E. [FISHERY OCEANOGRAPHY OF STRIPED MARLIN--II. SPAWNING ACTIVITY OF THE FISH IN THE SOUTHERN CORAL SEA.] *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1279-1286. Nov. 1977. In Japanese with English summ. SFA 23(2)

71-006302 Hancock, R. S. THE ANNUAL CYCLE OF INTRAOVARIAN EGG SIZE AND FECUNDITY OF THE BARBEL *BARBUS BARBUS* IN THE RIVER SEVERN. *Freshwater Biol.* 9(6):535-542. Dec. 1979. SFA 25(2)

71-006303 Hancock, R. S.; Jones, J. W. and Shaw, R. A PRELIMINARY REPORT ON THE SPAWNING BEHAVIOUR AND NATURE OF SEXUAL SELECTION IN THE BARBEL, /BARBUS BARBUS/ (L.). *J. Fish Biol.* 9 (1): 21-28. July 1976. SFA 22(1)

71-006304 Hart, M. A STUDY OF A SHORT TERM BEHAVIOUR CYCLE: CREEPING THROUGH IN THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/ L.). PART 2. *Behaviour* 67(1&2):1-66. 1978. In English with German summ. SFA 24(1)

71-006305 Hausle, D. A. and Coble, D. W. INFLUENCE OF SAND IN REDDS ON SURVIVAL AND EMERGENCE OF BROOK TROUT (/SALVELINUS FONTINALIS/). *Trans. Am. Fish. Soc.* 105(1):57-63. Jan. 1976. SFA 21(1).

71-006306 Hawke, S. P. STRANDED REDDS OF QUINNAT SALMON IN THE MATHIAS RIVER, SOUTH ISLAND, NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 12 (2): 167-171. June 1978. SFA 24(3)

71-006307 Hawkins, A. D.; Urquhart, G. G. and Shearer, W. M. THE COASTAL MOVEMENTS OF RETURNING ATLANTIC SALMON, /SALMO SALAR/ L. *Scott. Fish. Res. Rep.* No. 15. 14p. 1979. SFA 25(1)

71-006308 Hay, D. E. and McPhail, J. D. MATE SELECTION IN THE THREESPINE STICKLEBACKS (/GASTEROSTEUS/). *Can. J. Zool.* 53 (4): 441-450. Apr. 1975. In English with French summ. SFA 22(1)

71-006309 Hayashi, Y. [STUDIES ON THE MATURITY AND THE SPAWNING OF THE RED TILEFISH IN THE EAST CHINA SEA--II. SPAWNING PATTERN ESTIMATED FROM THE MONTHLY CHANGES OF OVARIAN EGG DIAMETERS.] *Bull. Jpn. Soc. Sci. Fish.* 45(12):1475-1479. Dec. 1979. In Japanese with English summ. SFA 25(2)

71-006310 Hayashi, Y. [STUDIES ON THE MATURITY AND THE SPAWNING OF THE RED TILEFISH IN THE EAST CHINA SEA--I. ESTIMATION OF THE SPAWNING SEASON FROM THE MONTHLY CHANGES OF GONAD INDEX.] *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1273-1277. Nov. 1977. In Japanese with English summ. SFA 23(2)

71-006311 Healey, M. C. FECUNDITY CHANGES IN EXPLOITED POPULATIONS OF LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/) AND LAKE TROUT (/SALVELINUS NAMAYCUSH/). *J. Fish. Res. Board Can.* 35 (7): 945-950. July 1978. In English with French summ. SFA 23(4)

71-006312 Hixon, M. A. TERM FETUSES FROM A LARGE COMMON THRESHER SHARK, /ALOPIAS VULPINUS/. *Calif. Fish Game* 65 (3): 191-192. July 1979. SFA 24(4)

71-006313 Hlavek, R. R. and Norden, C. R. THE REPRODUCTIVE CYCLE AND FECUNDITY OF THE ALEWIFE IN LAKE MICHIGAN. *Wis. Acad. Sci. Arts Letters* 66:80-90. 1978. SFA 25(1)

71-006314 Hogue, J. J.; Wallus, R. and Kay, L. K. NATURAL REPRODUCTION BY STRIPED BASS IN KENTUCKY AND BARKLEY RESERVOIRS, TENNESSEE. *J. Tenn. Acad. Sci.* 52 (2): 77-79. Apr. 1977. SFA 22(3)

71-006315 Holbrook, W. P. FECUNDITY AND SEX RATIO IN THE LEAST BROOK LAMPREY. /LAMPETRA AEPYPTERA/ (ABBOTT) IN LYNN CREEK, WAYNE COUNTY, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 47(3-4):150-153. 1975. SFA 23(4)

71-006316 Honda, H. FEMALE SEX PHEROMONE OF THE AYU, *PLECOGLOSSUS ALTIVELIS*, INVOLVED IN COURTSHIP BEHAVIOUR. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1375-1380. Nov. 1979. SFA 25(2)

71-006317 Hopkins, C. L. REPRODUCTION IN *GALAXIAS FASCIATUS* GRAY (SALMONIFORMES: GALAXIIDAE). *N.Z. J. Mar. Freshwater Res.* 13(2):225-230. 1979. SFA 25(2)

71-006318 Hourston, A. S. and Rosenthal, H. SPERM DENSITY DURING ACTIVE SPAWNING OF PACIFIC HERRING (/CLUPEA HARENGUS PALLASI/). *J. Fish. Res. Board Can.* 33 (8): 1788-1790. Aug. 1976. In English with French summ. SFA 21(3).

71-006319 Howell, W. H. and Kesler, D. H. FECUNDITY OF THE SOUTHERN NEW ENGLAND STOCK OF YELLOWTAIL FLOUNDER, /LIMANDA FERRUGINEA/. *NOAA Fish. Bull.* 75 (4): 877-880. Oct. 1977. SFA 23(2)

71-006320 Htun-Han, M. THE REPRODUCTIVE BIOLOGY OF THE DAB /LIMANDA LIMANDA/ (L.) IN THE NORTH SEA: SEASONAL CHANGES IN THE TESTIS. *J. Fish Biol.* 13 (3): 361-367. Sept. 1978. SFA 24(1)

71-006321 Htun-Han, M. THE REPRODUCTIVE BIOLOGY OF THE DAB /LIMANDA LIMANDA/ (L.) IN THE NORTH SEA: SEASONAL CHANGES IN THE OVARY. *J. Fish Biol.* 13 (3): 351-359. Sept. 1978. SFA 24(1)

71-006322 Htun-Han, M. THE REPRODUCTIVE BIOLOGY OF THE DAB /LIMANDA LIMANDA (L.) IN THE NORTH SEA: GONOSOMATIC INDEX, HEPATOSOMATIC INDEX AND CONDITION FACTOR. *J. Fish Biol.* 13 (3): 369-378. Sept. 1978. SFA 24(1)

71-006323 Hubbs, C. and Bailey, H. H. EFFECTS OF TEMPERATURE ON THE TERMINATION OF BREEDING SEASON OF /MENIDIA AUDENS/. *Southwest. Nat.* 22 (4): 544-547. 15 Oct. 1977. SFA 23(1)

71-006324 Hubbs, C. THE DIEL REPRODUCTIVE PATTERN AND FECUNDITY OF /MENIDIA AUDENS/. *Copeia* 1976 (2): 386-388. May 1976. SFA 21(2).

71-006325 Hubert, W. A. and Mitchell, V. P., Jr. OBSERVATIONS ON THE OVARIAN DEVELOPMENT OF SMALLMOUTH BASS IN PICKWICK RESERVOIR. *J. Ala. Acad. Sci.* 48 (3): 65. July 1977. SFA 23(1)

71-006326 Hubert, W. A. and Mitchell, V. P., Jr. OVARIAN DEVELOPMENT OF SMALLMOUTH BASS IN PICKWICK RESERVOIR. *J. Ala. Acad. Sci.* 50 (2): 87-95. Apr. 1979. SFA 24(4)

71-006327 Hunter, J. R. and S. R. Goldberg. SPAWNING INCIDENCE AND BATCH FECUNDITY IN NORTHERN ANCHOVY, *ENGRAULIS MORDAX*. *NOAA Fish. Bull.* 77(3):641-652. July 1979. SFA 25(2)

71-006328 Inoue, M. [TUNA SPAWNING SURVEY IN THE TROPICAL SEA MADE BY R/V TOKAIDAIGAKU MARU II AND R/V BOSEI MARU.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:173-180. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-006329 Ivankov, V. I. and Ivankova, Z. G. FECUNDITY OF FLOUNDERS IN THE NORTHWESTERN SEA OF JAPAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 868-876. 1974. SFA 21(2).

71-006330 Ivankov, V. N. THE FORMATION OF ULTIMATE FECUNDITY IN INTERMITTENTLY SPAWNING FISH WITH REFERENCE TO THE SOUTHERN ONE-FINNED GREENLING, /PLEUROGRAMMUS AZONUS/ AND THE WILD GOLDFISH, /CARASSIUS AURATUS GIBELIO/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 56-62. 1976. SFA 22(3)

71-006331 Ivankov, V. N.; Padetskiy, S. N. and Chikina, V. S. ON THE POSTSPAWNING NEOTENIC MALES OF THE MASU, /ONCORHYNCHUS MASOU/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 673-678. 1977. SFA 23(4)

71-006332 Ivankov, V. N.; Mitrofanov, Yu. A. and Bushuyev, V. P. AN INSTANCE OF THE PINK SALMON (/ONCORHYNCHUS GORBUSCHA/) REACHING MATURITY AT AN AGE OF LESS THAN 1 YEAR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 497-499. 1975. SFA 21(4)

71-006333 Jackson, P. D. SPAWNING AND EARLY DEVELOPMENT OF THE RIVER BLACKFISH, /GADOPSIS MARMORATUS/ RICHARDSON (GADOPSIFORMES: GADOPSIDAE), IN THE MCKENZIE RIVER, VICTORIA. *Aust. J. Mar. Freshwater Res.* 29 (3): 293-298. June 1978. SFA 24(1)

71-006334 Jakobsen, T. SKREIINNSIGET I LOFOTEN I 1978. [THE SPAWNING MIGRATION OF ARCTIC COD IN LOFOTEN IN 1978.] *Fisken Havet* 1979 (2): 19-28. 1979. In Norwegian with English summ. SFA 24(4)

71-006335 Jakobsen, T. SKREIINNSIGET I LOFOTEN I 1976. [THE SPAWNING MIGRATION OF ARCTIC COD IN LOFOTEN IN 1976.] *Fisken Havet* 1978 (1): 1-8. 1978. In Norwegian with English summ. SFA 24(2)

71-006336 Jakobsen, T. SKREIINNSIGET I LOFOTEN I 1977. [THE SPAWNING MIGRATION OF ARCTIC COD IN LOFOTEN IN 1977.] *Fisken Havet* 1978 (1): 9-19. 1978. In Norwegian with English summ. SFA 24(2)

71-006337 Jilek, R.; Cassell, B.; Peace, D.; Garza, Y.; Riley, L. and Siewart, T. SPAWNING POPULATION DYNAMICS OF SMELT, /OSMERUS MORDAX/. *J. Fish Biol.* 15(1):31-35. July 1979. SFA 25(1)

71-006338 Johnson, D. W. and Webster, D. A. AVOIDANCE OF LOW PH IN SELECTION OF SPAWNING SITES BY BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 34 (11): 2215-2218. Nov. 1977. In English with French summ. SFA 23(1)

71-006339 Johnson, P. O. A REVIEW OF SPAWNING IN THE NORTH ATLANTIC MACKEREL, /SCOMBER SCOMBRUS/ L. *Minist. Agric. Food Fish. Res. Fish. Res. Tech. Rep. (Lowestoft)* No. 37. 22p. 1977. SFA 23(2)

71-006340 Johnson, R. A. OXYGEN TRANSPORT IN SALMON SPAWNING GRAVELS. *Can. J. Fish. Aquatic Sci.* 37(2):155-162. Feb. 1980. In English with French summ. SFA 25(3)

71-006341 Johnson, R. H. and Nelson, D. R. COPULATION AND POSSIBLE OLFACTION-MEDIATED PAIR FORMATION IN TWO SPECIES OF CARCHARHINID SHARKS. *Copeia* 1978 (3): 539-542. 10 Aug. 1978. SFA 23(4)

71-006342 Kagwade, P. V. SEXUALITY IN /POLYDACTYLUS INDICUS/ (SHAW). *Indian J. Fish.* 21 (2): 323-329. 1974. SFA 23(2)

71-006343 Kalinina, E. M. THE EARLY ONTOGENY OF TWO SPECIES OF BLACK SEA CLINGFISHES /LEPADOGASTER DECANDOLLEI/ AND /LEPADOGASTER LEPADOGASTER LEPADOGASTER/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):767-773. 1976. SFA 23(2)

71-006344 Karamchandani, S. J. and Pandit, P. K. ON THE OCCURRENCE AND BREEDING OF /LABEO ROHITA/ (HAMILTON) IN A SECTION OF NARBADA RIVER IN GUJARAT STATE. *J. Bombay Nat. Hist. Soc.* 72(1):215-217. 1975. SFA 24(3)

71-006345 Katz, H. M. CIRCADIAN RHYTHMS, MIGRATION, AND SPAWNING RELATED BEHAVIOR OF THE AMERICAN SHAD, /ALOSA SAPIDISSIMA/ (WILSON). *Ph. D. dissertation, Univ. Mass.* 227p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(4)

71-006346 Kaya, C. M. REPRODUCTIVE BIOLOGY OF RAINBOW AND BROWN TROUT IN A GEOTHERMALLY HEATED STREAM: THE FIREHOLE RIVER OF YELLOWSTONE NATIONAL PARK. *Trans. Am. Fish. Soc.* 106 (4): 354-361. July 1977. SFA 22(4)

71-006347 Kedric-Brown, A. and R. Vestal. THE BREEDING SYSTEM OF THE BOTTOMLESS LAKES PUPFISH (*CYPRINODON PECOSENSIS*). *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:38. 30 Jan. 1980. Abstract only. SFA 25(3)

71-006348 Keenleyside, M. H. A. REPRODUCTIVE ISOLATION BETWEEN PUMPKINSEED (/LEPOMIS GIBBOSUS/) AND LONGEAR SUNFISH (/L. MEGALOTIS/) (CENTRARCHIDAE) IN THE THAMES RIVER, SOUTHWESTERN ONTARIO. *J. Fish. Res. Board Can.* 35 (1): 131-135. Jan. 1978. In English with French summ. SFA 23(2)

71-006349 Keenleyside, M. H. A. and Prince, C. E. SPAWNING-SITE SELECTION IN RELATION TO PARENTAL CARE OF EGGS IN /AEQUIDENS PARAGUAYENSIS/ (PISCES: CICHLIDAE). *Can. J. Zool.* 54 (12): 2135-2139. Dec. 1976. In English with French summ. SFA 22(1)

71-006350 Kennedy, J. L. and Kucera, P. A. THE REPRODUCTIVE ECOLOGY OF THE TAHOE SUCKER, /CATOSTOMUS TAHOENSIS/, IN PYRAMID LAKE, NEVADA. *Great Basin Nat.* 38 (2): 181-186. 30 June 1978. SFA 24(2)

71-006351 Kennett, C. B. ASPECTS OF MATING BEHAVIOR AND SELECTION IN *POECILIOPSIS* POPULATION COMPLEXES (PISCES: POECILIIDAE). *Ph.D. dissertation, Fordham Univ.* 98p. 1980. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5509. June 1980. SFA 25(3)

71-006352 Keysner, E. E.; Tot, V. S. and Shilov, V. N. CHARACTERISTICS OF THE BEHAVIOR AND BIOLOGICAL CYCLES OF THE MARBLED /NOTOTHENIA/ (/NOTOTHENIA ROSSI/) IN RELATION TO BOTTOM TOPOGRAPHY, BOTTOM MATERIALS AND CURRENTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 610-613. 1974. SFA 21(2).

71-006353 Kirschbaum, F. REPRODUCTION OF THE WEAKLY ELECTRIC FISH /EIGENMANNIA VIRESCENS/ (RHAMPHICHTYIDAE, TELEOSTEI) IN CAPTIVITY. I. CONTROL OF GONADAL RECUIDESCENCE AND REGRESSION BY ENVIRONMENTAL FACTORS. *Behav. Ecol. Sociobiol.* 4 (4): 331-355. 1979. SFA 24(3)

71-006354 Klingbeil, R. A. SEX RATIOS OF THE NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, OFF SOUTHERN CALIFORNIA. *Calif. Fish Game* 64(3):200-209. July 1978. SFA 24(1)

71-006355 Kobayashi, T.; Abe, S. and Ozaki, Y. [STUDIES ON THE PACIFIC SALMON IN THE YURAPPU RIVER AND VOLCANO BAY. 3. ON THE RETURNING OF PINK SALMON.] *Sci. Rep. Hokkaido Salmon Hatchery* 32: 1-8. 1978. In Japanese with English summ. SFA 23(4)

71-006356 Koblitskaya, A. F. THE SUCCESSION OF SPAWNING COMMUNITIES IN THE VOLGA DELTA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 534-547. 1977. SFA 23(4)

71-006357 Kodric-Brown, A. REPRODUCTIVE SUCCESS AND THE EVOLUTION OF BREEDING TERRITORIES IN PUPFISH (/CYPRINODON/). *Evolution* 31 (4): 750-766. Dec. 1977. SFA 23(2)

71-006358 Kohlhorst, D. W. STURGEON SPAWNING IN THE SACRAMENTO RIVER IN 1973, AS DETERMINED BY DISTRIBUTION OF LARVAE. *Calif. Fish Game* 62(1):32-40. Jan. 1976. SFA 21(1).

71-006359 Kormilin, V. V. FECUNDITY OF THE "BALKHASH MARINKA" (/SCHIZOTHORAX ARGENTATUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 730-739. 1975. SFA 22(1).

71-006360 Kornegay, J. W. and Humphries, E. T. SPAWNING OF THE STRIPED BASS IN THE TAR RIVER, NORTH CAROLINA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:317-325. 1975[1976]. SFA 22(3)

71-006361 Kovtun, I. F. ON THE FECUNDITY OF THE ROUND GOBY, /GOBIUS MELANOSTOMUS/, FROM THE SEA OF AZOV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 566-573. 1977. SFA 23(4)

71-006362 Kowtal, G. V. OBSERVATIONS ON THE BREEDING AND LARVAL DEVELOPMENT OF CHILKA 'SAHAL' /ELEUTHERONEMA TETRADACTYLUM/ (SHAW). *Indian J. Fish.* 19: 70-75. 1972. SFA 24(3)

71-006363 Kozlowski, L. J. BEHAVIORAL MECHANISMS OF REPRODUCTIVE ISOLATION IN *ETHEOSTOMA SPECTABILE* (AGASSIZ) AND *ETHEOSTOMA CAERULEUM* STORER. *Trans. Mo. Acad. Sci.* 13:198. 1979. Abstract only. SFA 25(3)

71-006364 Kramer, D. L. TERRESTRIAL GROUP SPAWNING OF /BRYCON PETROSUS/ (PISCES: CHARACIDAE) IN PANAMA. *Copeia* 1978 (3): 536-537. 10 Aug. 1978. SFA 23(4)

71-006365 Kucera, P. A. REPRODUCTIVE BIOLOGY OF THE TUI CHUB, /GILA BICOLOR/, IN PYRAMID LAKE, NEVADA. *Great Basin Nat.* 38 (2): 203-207. 30 June 1978. SFA 24(2)

71-006366 Kuga, T. I. and Dgebuadze, Yu. Yu. SEASONAL DYNAMICS OF SOME BIOLOGICAL INDICATORS OF THE BREAM, /ABRAMIS BRAMA ORIENTALIS/, FROM THE KAMYSHLYBASH LAKES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 813-816. 1978. SFA 24(1)

71-006367 Kuklin, A. A. MATURATION AND REPRODUCTION OF THE MUKSUN, *COREGONUS MUKSUN* OF THE YENISEY RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):91-97. 1979. SFA 25(3)

71-006368 Kukuradze, A. M. A DESCRIPTION OF THE SPAWNING STOCK AND REPRODUCTION OF THE PIKE-PERCH [/LUCIOPERCA LUCIOPERCA/] OF THE DANUBE DELTA AND WATERS IN THE DANUBIAN REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):385-392. 1974. SFA 21(2).

71-006369 Kuo, C.-M. and Nash, C. E. ANNUAL REPRODUCTIVE CYCLE OF MILKFISH, /CHANOS CHANOS/ FORSKAL, IN HAWAIIAN WATERS. *Aquaculture* 16 (3): 247-251. Mar. 1979. SFA 24(3)

71-006370 Kutuzov, A. M. THE EFFECTIVENESS OF REPRODUCTION OF THE WHITE BREAM, /BLICCA BJOERKNA/, AND THE ROACH, /RUTILUS RUTILUS/, IN THE UPPER SECTION OF KUYBYSHEVSKOE RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):678-682. 1975. SFA 21(3).

71-006371 Kutuzov, A. M. REPEATED SPAWNING OF THE WHITE BREAM (/BLICCA BJOERKNA/) IN SVIYAGA BAY OF KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 887-890. 1974. SFA 21(2).

71-006372 Kuznetsov, V. A. and Khalitov, N. Kh. ALTERATIONS IN THE FECUNDITY AND EGG QUALITY OF THE ROACH, /RUTILUS RUTILUS/ IN CONNNECTION WITH DIFFERENT FEEDING CONDITIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 63-70. 1978. SFA 24(3)

71-006373 Kuznetsov, V. A. THE REPRODUCTION, DISTRIBUTION AND GROWTH OF JUVENILE FISH OF SOME UNCOMMON SPECIES FROM SVIYAGA BAY, KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(6):950-962. 1975. SFA 22(1)

71-006374 Kwain, W.-H. and Chappel, J. A. FIRST EVIDENCE FOR EVEN-YEAR SPAWNING PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, IN LAKE SUPERIOR. *J. Fish. Res. Board Can.* 35 (10): 1373-1376. Oct. 1978. In English with French summ. SFA 24(1)

71-006375 Kynard, B. E. BREEDING BEHAVIOR OF A LACUSTRINE POPULATION OF THREESPINE STICKLEBACKS (/GASTEROSTEUS ACULEATUS/ L.). *Behaviour* 67 (3,4): 178-207. 1978. In English with French summ. SFA 24(2)

71-006376 Kynard, B. E. NEST DESERTION OF MALE /GASTEROSTEUS ACULEATUS/. *Copeia* 1978 (4): 702-703. 28 Dec. 1978. SFA 24(2)

71-006377 Laudien, H.; W. Fechner and W. Schumann. ZUR TEMPERATUREABHÄNGIGKEIT DER BALZ MÄNNLICHER GUPPYS, *POECILIA RETICULATA* PETERS (PISCES, CYPRINIDAE). [TEMPERATURE DEPENDENCY OF THE COURTSHIP OF MALE GUPPIES.] *J. Comp. Ethol.* 52(1):1-18. 1980. In German with English summ. SFA 25(3)

71-006378 Lazurus, S. ON THE OCCURRENCE OF OILSARDINE IN THE SPAWNING STAGE OFF VIZHINJAM. *Indian J. Fish.* 23(1/2):249-252. 1976. SFA 25(2)

71-006379 Lear, W. H. MIGRATING ATLANTIC SALMON (/SALMO SALAR/) CAUGHT BY OTTER TRAWL ON THE NEWFOUNDLAND CONTINENTAL SHELF. *J. Fish. Res. Board Can.* 33 (5): 1202-1205. May 1976. In English with French summ. SFA 21(2).

71-006380 Leary, D. F.; Murphy, G. I. and Miller, M. FECUNDITY AND LENGTH AT FIRST SPAWNING OF THE HAWAIIAN ANCHOVY, OR NEHU (/STOLEPHORUS PURPUREUS/ FAWLER) IN KANEOHE BAY, OAHU. *Pac. Sci.* 29(2):171-180. Apr. 1975. SFA 22(3)

71-006381 Lebedev, V. G. ECOLOGICAL CONDITIONING OF FECUNDITY OF THE LAKE KUBEN WHITEFISH /COREGONUS LAVARETUS NELMUSCHKA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 50-55. 1975. SFA 21(2).

71-006382 Leggett, W. C. and Carscadden, J. E. LATITUDINAL VARIATION IN REPRODUCTIVE CHARACTERISTICS OF AMERICAN SHAD (/ALOSA SAPIDISSIMA): EVIDENCE FOR POPULATION SPECIFIC LIFE HISTORY STRAGIES IN FISH. *J. Fish. Res. Board Can.* 35 (11): 1469-1478. Nov. 1978. In English with French summ. SFA 24(1)

71-006383 Lehtinen, S. and Echelle, A. A. REPRODUCTIVE CYCLE OF /NOTROPIS BOOPS/ (PISCES: CYPRINIDAE) IN BRIER CREEK, MARCHALL COUNTY, OKLAHOMA. *Am. Midl. Nat.* 102(2):237-243. Oct. 1979. SFA 25(1)

71-006384 Lenanton, R. C. J. AGE, SPAWNING TIME AND FECUNDITY OF AUSTRALIAN HERRING (/ARRIPIS GEORGIANUS/ C. & V.) (PISCES: ARRIPIDAE) FROM THE WATERS AROUND ROTTNEST ISLAND, WESTERN AUSTRALIA. *Aust. J. Mar. Freshwater Res.* 29 (5): 599-612. Oct. 1978. SFA 24(2)

71-006385 Li, S. K. and Owings, D. H. SEXUAL SELECTION IN THE THREE-SPINED STICKLEBACK. I. NORMATIVE OBSERVATIONS. *J. Comp. Ethol.* 46 (4): 359-371. Apr. 1978. SFA 23(4)

71-006386 Li, S. K. and Owings, D. H. SEXUAL SELECTION IN THE THREE-SPINED STICKLEBACK: II. NEST RAIDING DURING THE COURTSHIP PHASE. *Behaviour* 64 (3,4): 298-304. 1978. In English with German summ. SFA 23(4)

71-006387 Lisovenko, L. A. and Z. S. Sil'yanova. THE FECUNDITY OF SOME SPECIES OF THE FAMILY NOTOTHENIIDAE IN THE ATLANTIC SECTOR OF THE SOUTHERN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):79-85. 1979. SFA 25(4)

71-006388 Lobel, P. S. and R. E. Johannes. NESTING, EGGS AND LARVAE OF TRIGGERFISHES (BALISTIDAE). *Environ. Biol. Fishes* 5(3):251-252. 29 Sept. 1980. SFA 25(4)

71-006389 Lobel, P. S. DIEL, LUNAR, AND SEASONAL PERIODICITY IN THE REPRODUCTIVE BEHAVIOR OF THE POMACANTHID FISH, /CENTROPYGE POTTERI/, AND SOME OTHER REEF FISHES IN HAWAII. *Pac. Sci.* 32 (2): 193-207. Apr. 1978. SFA 24(2)

71-006390 Lowe, T. P. REPRODUCTIVE ECOLOGY OF OYSTER TOADFISH (/OPSANUS TAU/) IN CHARLESTOWN POND, RHODE ISLAND. *Ph.D. dissertation, Univ. R.I.* 135p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(5), 1975. SFA 21(1).

71-006391 Lund, R. VIVIPARITY AND INTRAUTERINE FEEDING IN A NEW HOLOCEPHALAN FISH FROM THE LOWER CARBONIFEROUS OF MONTANA. *Science* 209(4457):697-699. 8 Aug. 1980. SFA 25(4)

71-006392 Lyagina, T. N. CONNECTION OF EGG WEIGHT WITH BIOLOGICAL INDICES OF FEMALE ROACH, /RUTILUS RUTILUS/, WITH DIFFERENT ABUNDANCE OF FOOD. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 584-594. 1975. SFA 21(3).

71-006393 MacGregor, J. S. OVARIAN DEVELOPMENT AND FECUNDITY OF FIVE SPECIES OF CALIFORNIA CURRENT FISHES. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:181-188. May 1976. SFA 22(3)

71-006394 MacGregor, R.; Greeley, M. S.; Trimble, W. C. and Tatum, W. M. A COMPARISON OF THE ANNUAL CYCLE OF REPRODUCTION IN /FUNDULUS GRANDIS/ COLLECTED FROM A NATURAL ESTUARY AND BRACKISH WATER PONDS. *J. Ala. Acad. Sci.* 50 (3): 113. July 1979. Abstract only. SFA 24(4)

71-006395 Mahadevan Pillai, P. K. and Devadoss, P. A NOTE ON THE FECUNDITY AND SPAWNING PERIOD OF /DREPANE PUNCTATA/ (LINNAEUS). *Indian J. Fish.* 22 (1,2): 262-264. 1975. SFA 23(3)

71-006396 Makarova, N. P. DIFFERENCES IN THE BIOLOGICAL INDICATORS OF SEXUALLY MATURE AND IMMATURE FEMALE PERCH, /PERCA FLUVIATILIS/, FROM UGLICH RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 330-334. 1975. SFA 21(3).

71-006397 Makeyeva, A. P. PECULIARITIES OF THE FORMATION OF THE ADHESIVE MEMBRANE OF THE EGGS OF THE FALSE GUDGEON, /PSEUDOGOBIO RIVULARIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 337-342. 1976. SFA 22(3)

71-006398 Malmqvist, B. THE SPAWNING MIGRATION OF THE BROOK LAMPREY, *LAMPETRA PLANERI* BLOCH, IN A SOUTH SWEDISH STREAM. *J. Fish Biol.* 16(1):105-114. Jan. 1980. SFA 25(2)

71-006399 Manooch, C. S. III. REPRODUCTIVE CYCLE, FECUNDITY, AND SEX RATIOS OF THE RED PORGY, /PAGRUS PAGRUS/ (PISCES: SPARIDAE) IN NORTH CAROLINA. *NOAA Fish. Bull.* 74 (4): 775-781. Oct. 1976. SFA 22(2)

71-006400 Markle, D. F. and Wenner, C. A. EVIDENCE OF DEMERSAL SPAWNING IN THE MESOPELAGIC ZOARCID FISH /MELANOSTIGMA ATLANTICUM/ WITH COMMENTS ON DEMERSAL SPAWNING IN THE ALEPOCEPHALID FISH /XENODERMICHTHYS COPEI/. *Copeia* 1979 (2): 363-366. 18 May 1979. SFA 24(3)

71-006401 Marliave, J. B. SPAWNING AND YOLK-SAC LARVAE OF THE AGONID FISH SPECIES, *AGONOMALUS MOZINOI* WILIMOVSKY AND WILSON. *Syesis* 11:285-286. 1978. SFA 25(2)

71-006402 Marliave, J. B. and DeMartini, E. D. PARENTAL BEHAVIOR OF INTERTIDAL FISHES OF THE STICHAEID GENUS /XIPHISTER/. *Can. J. Zool.* 55 (1): 60-63. Jan. 1977. In English with French summ. SFA 22(4)

71-006403 Marsh, E. THE EFFECTS OF TEMPERATURE AND PHOTOPERIOD ON THE TERMINATION OF SPAWNING IN THE ORANGETHROAT DARTER (*ETHEOSTOMA SPECTABILE*) IN CENTRAL TEXAS. *Tex. J. Sci.* 32(2):129-142. June 1980. SFA 25(3)

71-006404 Marshall, B. E. OBSERVATIONS ON THE BREEDING BIOLOGY OF /SAROTHERODON MACROCHIR/ (BOULENGER) IN LAKE MCILWAINE, RHODESIA. *J. Fish Biol.* 14 (4): 419-424. Apr. 1979. SFA 24(3)

71-006405 Martin, R. G. THE QUESTION OF SEXUAL SELECTION IN THE MOSQUITOFISH, *GAMBUSIA AFFINIS HOLBROOKI*. *J. Elisha Mitchell Sci. Soc.* 95(2):123. 1979. Abstract only. SFA 25(4)

71-006406 Mathur, D.; P. L. McCreight and G. A. Nardacci. VARIATIONS IN FECUNDITY OF WHITE CRAPPIE IN CONOWINGO POND, PENNSYLVANIA. *Trans. Am. Fish. Soc.* 108(6):548-554. Nov. 1979. SFA 25(2)

71-006407 May, R. C.; Akiyama, G. S. and Santerre, M. T. LUNAR SPAWNING OF THE THREADFIN, /POLYDACTYLUS SEXFILIS/, IN HAWAII. *NOAA Fish. Bull.* 76 (4): 900-904. 1979. SFA 24(1)

71-006408 Mayama, H. [ECOLOGICAL OBSERVATION ON THE ADULT SALMON--II. DIURNAL VARIATION OF UPSTREAM MIGRATION OF THE ADULT CHUM SALMON IN THE CHITOSE RIVER.] *Sci. Rep. Hokkaido Salmon Hatchery* 32: 9-18. 1978. In Japanese with English summ. SFA 23(4)

71-006409 Mayama, H. and Takahashi, T. [ECOLOGICAL OBSERVATION ON THE ADULT SALMON--I. DIURNAL VARIATION OF UPSTREAM MIGRATION OF THE ADULT CHUM SALMON IN THE CHITOSE RIVER.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 31: 21-28. 1977. In Japanese with English summ. SFA 22(4)

71-006410 McCarley, H. and L. G. Hill. REPRODUCTION OF *LEPISOSTEUS SPATULA* (LEPISOSTEIDAE) IN LAKE TEXOMA. *Southwest. Nat.* 24(4):694-695. 10 Dec. 1979. SFA 25(2)

71-006411 McKaye, K. R. COMPETITION FOR BREEDING SITES BETWEEN THE CICHLID FISHES OF LAKE JILOA, NICARAGUA. *Ecology* 58 (2): 291-302. 1977. SFA 23(2)

71-006412 Merriner, J. V. ASPECTS OF THE REPRODUCTIVE BIOLOGY OF THE WEAKFISH, /CYNOSCION REGALIS/ (SCIAENIDAE), IN NORTH CAROLINA. *NOAA Fish. Bull.* 74(1):18-26. Jan. 1976. SFA 21(1).

71-006413 Merriner, J. V. and Laroche, J. L. FECUNDITY OF THE NORTHERN PUFFER, /SPHOEROIDES MACULATUS/, FROM CHESAPEAKE BAY. *Chesapeake Sci.* 18 (1): 81-83. Mar. 1977. SFA 22(3)

71-006414 Messieh, S. N. FECUNDITY STUDIES ON ATLANTIC HERRING FROM THE SOUTHERN GULF OF ST. LAWRENCE AND ALONG THE NOVA SCOTIA COAST. *Trans. Am. Fish. Soc.* 105 (3): 384-394. May 1976. SFA 21(3).

71-006415 Mettee, M. F., Jr. and Beckham, E. C. III. NOTES ON THE BREEDING BEHAVIOR, EMBRYOLOGY AND LARVAL DEVELOPMENT OF /CYPRINODON VARIEGATUS/ LACEPEDE IN AQUARIA. *Tulane Stud. Zool. Bot.* 20 (3-4): 137-148. 25 Aug. 1978. SFA 23(4)

71-006416 Michael, J. H., Jr. REPEAT SPAWNING OF PACIFIC LAMPREY. *Calif. Fish Game* 66(3):186-187. July 1980. SFA 25(3)

71-006417 Middaugh, D. P. REPRODUCTIVE ECOLOGY AND SPAWNING PERIODICITY OF THE ATLANTIC SILVERSIDE, /MENIDIA MENIDIA/ (LINNAEUS) (ATHERINIDAE, TELEOSTEI). *Ph.D. dissertation, Univ. S.C.* 98p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5216. May 1979. SFA 24(3)

71-006418 Misitano, D. A. A RECORD OF INTERNAL FERTILIZATION IN THE ROUGHBACK SCULPIN *CHITINOTUS PUGETENSIS* WITH DESCRIPTIVE NOTES OF THEIR EARLY LARVAE. *Copeia* 1980(1):162-165. 1 Feb. 1980. SFA 25(2)

71-006419 Mochek, A. D. [PECULIARITIES OF REPRODUCTION AND "SOCIAL" BEHAVIOR OF /ABUDEFDUF SAXATILIS/ (PISCES, POMACENTRIDAE).] *Zool. Zh.* 57 (8): 1189-1195. Aug. 1978. In Russian with English summ. SFA 24(1)

71-006420 Moiseyeva, Ye. B. and Rudenko, V. I. THE SPAWNING OF THE ROUND GOBY, /GOBIUS MELANOSTOMUS/, UNDER AQUARIUM CONDITIONS IN WINTER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):690-692. 1978. SFA 25(1)

71-006421 Moore, J. W. DISTRIBUTION, MOVEMENTS, AND MORTALITY OF ANADROMOUS ARCTIC CHAR, /SALVELINUS ALPINUS/ L., IN THE CUMBERLAND SOUND AREA OF BAFFIN ISLAND. *J. Fish Biol.* 7 (3): 339-348. May 1975. SFA 22(2)

71-006422 Moosleitner, H. ZENTRALE LAICHSTELLE ERMÖGLICHT *BLENNIUS PAVO*, RISSO 1810 (BLENNIIDAE, PERCIFORMES, TELEOSTEI) DIE BESIEDLUNG VON SANDGRUND. [A CENTRAL HATCHING HABITAT ENABLES *BLENNIUS PAVO*, RISSO 1810 (BLENNIIDAE, PERCIFORMES, TELEOSTEI) THE OCCUPATION OF SANDY BOTTOMS.] *Zool. Anz.* 204(1/2):82-88. 1980. In German with English summ. SFA 25(4)

71-006423 Morse, W. W. MATURITY, SPAWNING, AND FECUNDITY OF ATLANTIC CROAKER, *MICROPOGONIAS UNDULATUS*, OCCURRING NORTH OF CAPE HATTERAS, NORTH CAROLINA. *NOAA Fish. Bull.* 78(1):190-195. 1980. SFA 25(4)

71-006424 Morse, W. W. SPAWNING AND FECUNDITY OF ATLANTIC MACKEREL, *SCOMBER SCOMBRUS*, IN THE MIDDLE ATLANTIC BIGHT. *NOAA Fish. Bull.* 78(1):103-108. 1980. SFA 25(4)

71-006425 Mueller, G. EFFECTS OF RECREATIONAL RIVER TRAFFIC ON NEST DEFENSE BY LONGEAR SUNFISH. *Trans. Am. Fish. Soc.* 109(2):248-251. Mar. 1980. SFA 25(2)

71-006426 Muench, K. A. BEHAVIORAL ECOLOGY AND SPAWNING PERIODICITY OF THE GULF OF CALIFORNIA GRUNION, /LEURESTHES SARDINA/. *Ph.D. dissertation, Univ. Ariz.* 104p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1086. Sept. 1977. SFA 23(3)

71-006427 Murawski, W. S.; White, R. L. and Festa, P. J. OVARY MATURATION IN THE SUMMER FLOUNDER /PARALICHTHYS DENTATUS/. *N. J. Div. Fish Game Shellfish. Misc. Rep.* no. 16M: 16p. Apr. 1976. SFA 21(2).

71-006428 Murdy, E. O. and Wortham, J. W. E., Jr. CONTRIBUTIONS TO THE REPRODUCTIVE BIOLOGY OF THE PIRATEPERCH, /APHREDODERUS SAYANUS/. *Va. J. Sci.* 29 (2): 66. 1978. Abstract only. SFA 24(4)

71-006429 Muth, S. E. and Tarter, D. C. REPRODUCTIVE BIOLOGY OF THE TROUT PERCH, /PERCOPSIS OMISCOMAYCUS/ (WALBAUM), IN BEECH FORK OF TWELVEPOLE CREEK, WAYNE COUNTY, WEST VIRGINIA. *Am. Midl. Nat.* 93(2):434-439. Apr. 1975. SFA 21(1).

71-006430 Nance, S. SOME ASPECTS OF THE REPRODUCTIVE BIOLOGY OF THE LOGPERCH, /PERCINA CAPRODES/ (RAFINESQUE), FROM EAST LYNN LAKE, WAYNE COUNTY, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 50 (1): 25. 1978. Abstract only. SFA 23(3)

71-006431 Nelson, J. L. SEXUAL SELECTION AND THE SWORDTAIL FISH, /XIPHOPHORUS HELLERI/. *Ph.D. dissertation, Univ. Calif. (Santa Cruz)*. 173 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-006432 Nezdoliy, V. K. and Mitrofanov, V. P. NATURAL REPRODUCTION OF THE GRASS CARP, /CTENOPHARYNGODON IDELLA/, IN THE ILI RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 927-933. 1975. SFA 22(1)

71-006433 Nieman, D. A.; Clady, M. D. and Gebhart, G. E. SEXUAL MATURITY OF SMALL YEARLING LARGEMOUTH BASS IN OKLAHOMA. *Proc. Okla. Acad. Sci.* 59:51-52. 1979. SFA 25(1)

71-006434 Nikolayev, A. S. SALMON MOVEMENTS IN KAMCHATKA BAY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 133-142. 1977. SFA 23(3)

71-006435 Nishida, M. [SPAWNING HABITS OF THE DWARF AYU-FISH IN LAKE BIWA.] *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 577-585. June 1978. In Japanese with English summ. SFA 23(4)

71-006436 Nordeng, H. A PHEROMONE HYPOTHESIS FOR HOMEWARD MIGRATION IN ANADROMOUS SALMONIDS. *Oikos* 28 (2-3): 155-159. 1977. In English with Russian summ. SFA 22(4)

71-006437 Nzioka, R. M. OBSERVATIONS ON THE SPAWNING SEASONS OF EAST AFRICAN REEF FISHES. *J. Fish Biol.* 14 (4): 329-342. Apr. 1979. SFA 24(3)

71-006438 Okada, H.; Sakai, D. K. and Sugiwaka, K. [CHEMICAL STIMULUS ON THE REPRODUCTIVE BEHAVIOR OF THE POND SMELT.] *Sci. Rep. Hokkaido Fish Hatchery* 33: 89-99. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-006439 Olatunde, A. A. SEX, REPRODUCTIVE CYCLE AND VARIATIONS IN THE FECUNDITY OF THE FAMILY SCHILBEIDAE (OSTEICHTHYES: SILURIFORMES) IN LAKE KAINJI, NIGERIA. *Hydrobiologia* 57 (2): 125-142. 21 Jan. 1978. SFA 23(3)

71-006440 Olla, B. L. and Samet, C. COURTSHIP AND SPAWNING BEHAVIOR OF THE TAUTOG, /TAUTOGA ONITIS/ (PISCES: LABRIDAE), UNDER LABORATORY CONDITIONS. *NOAA Fish. Bull.* 75 (3): 585-599. July 1977. SFA 23(1)

71-006441 Olsen, E. K. DISTRIBUTION OF PELAGIC YELLOW PERCH AND WALLEYE FRY IN TWO NORTHERN WISCONSIN LAKES. *Ph.D. dissertation, Univ. Wis.* 100p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2563. Dec. 1979. SFA 25(2)

71-006442 Olver, C. H. and Lewis, C. A. REPRODUCTION OF PLANTED LAKE TROUT, /SALVELINUS NAMAYCUSH/, IN GAMITAGAMA, A SMALL PRECAMBRIAN LAKE IN ONTARIO. *J. Fish. Res. Board Can.* 34 (9): 1419-1422. Sept. 1977. In English with French summ. SFA 22(4)

71-006443 Ouellet, G. FRAIE EN GROUPE DE QUATRE SAUMONS ATLANTIQUES SUR L'ILE D'ANTICOSTI. [SPAWNING IN A GROUP OF FOUR ATLANTIC SALMON ON ANTICOSTI ISLAND.] *Nat. Can. (Que.)* 104 (6): 507-510. Nov.-Dec. 1977. In French with English summ. SFA 23(2)

71-006444 Oyaveyer, E. A. THE FECUNDITY OF AUTUMN BALTIC HERRING (/CLUPEA HARENGUS MEMBRAS/) POPULATIONS IN THE NORTHEASTERN BALTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 552-560. 1974. SFA 21(2).

71-006445 Pagel, P. M.; R. MacGregor III and W. Siler. BEHAVIORAL STUDIES OF THE TELEOST *FUNDULUS GRANDIS*. *J. Ala. Acad. Sci.* 51(3):183. July 1980. Abstract only. SFA 25(4)

71-006446 Panasenko, V. A. SOME FEATURES OF THE REPRODUCTION AND PRESENT STATE OF THE SPAWNING POPULATION OF THE BREAM /ABRAMIS BRAMA/ IN KURSHA BAY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 232-239. 1975. SFA 21(3).

71-006447 Panek, F. M. and Cofield, C. R. FECUNDITY OF BLUEGILL AND WARMOUTH FROM A SOUTH CAROLINA BLACKWATER LAKE. *Prog. Fish-Cult.* 40 (2): 67-68. Apr. 1978. SFA 23(3)

71-006448 Papageorgiou, N. K. FECUNDITY AND REPRODUCTION OF PERCH (/PERCA FLUVIATILIS/ L.) IN LAKE AGIOS VASILIOS, GREECE. *Freshwater Biol.* 7(6):559-565. Dec. 1977. SFA 23(2)

71-006449 Parameswaran, S.; Alikunhi, K. H. and Sukumaran, K. K. OBSERVATIONS ON THE MATURATION, FECUNDITY AND BREEDING OF THE COMMON CARP, /CYPRINUS CARPIO/ LINNAEUS. *Indian J. Fish.* 19: 110-124. 1972. SFA 24(3)

71-006450 Parent, S. and Brunel, P. AIRES ET PERIODES DE FRAYE DU CAPELAN (/MALLOTUS VILLOSUS/) DANS L'ESTUAIRE ET LE GOLFE DU SAINT-LAURENT. [SPAWNING AREAS AND TIMES OF CAPELIN (/MALLOTUS VILLOSUS/) FROM THE GULF OF ST. LAWRENCE AND ESTUARY.] *Trav. Pech. Que.* No. 45. 46p. 1976. In French with English summ. SFA 22(3)

71-006451 Partridge, B. L.; Liley, N. R. and Stacey, N. E. THE ROLE OF PHEROMONES IN THE SEXUAL BEHAVIOUR OF THE GOLDFISH. *Anim. Behav.* 1976(2):291-299. May 1976. SFA 21(2).

71-006452 Paulson, A. C. and Smith, R. L. LATITUDINAL VARIATION OF PACIFIC HERRING FECUNDITY. *Trans. Am. Fish. Soc.* 106 (3): 244-247. May 1977. SFA 22(4)

71-006453 Pavlov, D. A. and Soin, S. G. THE REPRODUCTIVE ECOLOGY AND DEVELOPMENT OF THE FRESHWATER "KAMCHATKA TROUT", /SALMO MYKISS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 284-294. 1976. SFA 22(3)

71-006454 Pavlov, D. A. THE DEVELOPMENT OF THE ANADROMOUS KAMCHATKA TROUT, *SALMO MYKISS*, AND ITS POSITION IN THE CLASSIFICATION OF *SALMO*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):923-936. 1978. SFA 25(2)

71-006455 Payusova, A. P. A COMPARATIVE ANALYSIS OF THE CHARACTERISTICS OF THE SPAWNING POPULATIONS OF TWO CLOSELY RELATED SPECIES OF THE ISSYK-KUL DACE OF THE GENUS /LEUCISCUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)*. 15 (3): 387-395. 1975. SFA 21(4)

71-006456 Perrone, M. THE ECONOMY OF BROOD DEFENCE BY PARENTAL CICHLID FISHES, /CICHLASOMA MACULICAUDA/. *Oikos* 31 (1): 137-141. 1978. In English with Russian summ. SFA 24(2)

71-006457 Perry, W. G. BLACK AND BIGMOUTH BUFFALO SPAWN IN BRACKISH WATER PONDS. *Prog. Fish-Cult.* 38 (2): 81. Apr. 1976. SFA 21(3).

71-006458 Peters, C. E. and G. W. LaBar. FECUNDITY OF AN UNEXPLOITED POPULATION OF CISCOES IN THREE AREAS OF LAKE CHAMPLAIN. *N.Y. Fish Game J.* 27(1):72-78. Jan. 1980. SFA 25(3)

71-006459 Peterson, R. H. PHYSICAL CHARACTERISTICS OF ATLANTIC SALMON SPAWNING GRAVEL IN SOME NEW BRUNSWICK STREAMS. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 785. iv + 28p. June 1978. In English with French summ. SFA 24(1)

71-006460 Pietsch, T. W. and D. B. Grobecker. PARENTAL CARE AS AN ALTERNATIVE REPRODUCTIVE MODE IN AN ANTENNARIID ANGLERFISH. *Copeia* 1980(3):551-553. 6 Sept. 1980. SFA 25(4)

71-006461 Pietsch, T. W. DIMORPHISM, PARASITISM AND SEX: REPRODUCTIVE STRATEGIES AMONG DEEPSEA CERATIOID ANGLERFISHES. *Copeia.* 1976 (4): 781-793. 30 Dec. 1976. SFA 22(2)

71-006462 Platts, W. S. and Partridge, F. E. REARING OF CHINOOK SALMON IN TRIBUTARIES OF THE SOUTH FORK SALMON RIVER, IDAHO. *U.S. For. Serv. Intermt For. Range Exp. Stn. Res. Pap.* INT-205. 11p. 1978. SFA 23(3)

71-006463 Platts, W. S.; Shirazi, M. A. and Lewis, D. H. SEDIMENT PARTICLE SIZES USED BY SALMON FOR SPAWNING WITH METHODS FOR EVALUATION. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-043. v + 33p. Apr. 1979. SFA 24(4)

71-006464 Pollak, E. I.; Becker, L. R. and Haynes, K. SENSORY CONTROL OF MATING IN THE BLUE GOURAMI, /TRICHOGASTER TRICHOPTERUS/ (PISCES, BELONTIIDAE). *Behav. Biol.* 22 (1): 92-103. Jan. 1978. SFA 23(2)

71-006465 Poole, B. M. OFF-SEASON SPAWNING OF ATLANTIC SILVERSIDES. *Prog. Fish-Cult.* 40 (2): 72. Apr. 1978. SFA 23(3)

71-006466 Power, J. H. and J. D. McCleave. RIVERINE MOVEMENTS OF HATCHERY-REARED ATLANTIC SALMON (*SALMO SALAR*) UPON RETURN AS ADULTS. *Environ. Biol. Fishes* 5(1):3-13. 30 Jan. 1980. SFA 25(3)

71-006467 Pratt, H. L., Jr. REPRODUCTION IN THE BLUE SHARK, /PRIONACE GLAUCA/. *NOAA Fish. Bull.* 77(2):445-470. Apr. 1979. SFA 25(1)

71-006468 Pressley, P. H. LUNAR PERIODICITY IN THE SPAWNING OF YELLOWTAIL DAMSELFISH, *MICROSPATHODON CHRYSURUS*. *Environ. Biol. Fishes* 5(2):155-159. 22 Apr. 1980. SFA 25(3)

71-006469 Purych, P. R. SUCCESSFUL REPRODUCTION OF INTRODUCED LAKE TROUT IN HORNER LAKE, ONTARIO. *Prog. Fish-Cult.* 42(3):163-164. July 1980. SFA 25(4)

71-006470 Rabin, D. J. and Barnhart, R. A. FECUNDITY OF PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/, IN HUMBOLDT BAY. *Calif. Fish Game* 63 (3): 193-196. July 1977. SFA 23(1)

71-006471 Ramanathan, N. and Natarajan, R. BREEDING BIOLOGY OF /PSETTODES (BLOCH & SCHN.) AND /PSEUDORHOMBUS ARSIUS/ (HAM. BUCH.) PISCES: PLEURONECTIFORMES ALONG PORTO NOVO COAST (S. INDIA). *Aquaculture* 18(3):269-282. Nov. 1979. SFA 25(1)

71-006472 Reiser, D. W. and Wesche, T. A. DETERMINATION OF PHYSICAL AND HYDRAULIC PREFERENCES OF BROWN AND BROOK TROUT IN THE SELECTION OF SPAWNING LOCATIONS. *Univ. Wyo. Water Resour. Res. Inst. Water Resour. Ser.* No. 64. vi + 100p. May 1977. SFA 23(2)

71-006473 Rinne, J. N. SPAWNING HABITAT AND BEHAVIOR OF GILA TROUT, A RARE SALMONID OF THE SOUTHWESTERN UNITED STATES. *Trans. Am. Fish. Soc.* 109(1):83-91. Jan. 1980. SFA 25(2)

71-006474 Rinne, J. THE SPAWNING HABITAT AND BEHAVIOR OF *SALMO GILAE* MILLER, A RARE SOUTHWESTERN SALMONID. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:41. 30 Jan. 1980. Abstract only. SFA 25(3)

71-006475 Robertson, D. A. SPAWNING OF TARAKIHI (PISCES: CHEILODACTYLIDAE) IN NEW ZEALAND WATERS. *N.Z. J. Mar. Freshwater Res.* 12 (3): 277-286. Sept. 1978. SFA 24(3)

71-006476 Robertson, D. A. PLANKTONIC EGGS OF THE LANTERNFISH, /LAMPANYCTODES HECTORIS/ (FAMILY MYCTOPHIDAE). *Deep-Sea Res.* 24 (9): 849-852. Sept. 1977. SFA 23(1)

71-006477 Rogers, C. A. EFFECTS OF TEMPERATURE AND SALINITY ON THE SURVIVAL OF WINTER FLOUNDER EMBRYOS. *NOAA Fish. Bull.* 74 (1): 52-58. Jan. 1976. SFA 22(3)

71-006478 Rogers, C. A. EFFECTS OF TEMPERATURE AND SALINITY ON THE SURVIVAL OF WINTER FLOUNDER EMBRYOS. *NOAA Fish. Bull.* 74 (1): 52-58. Jan. 1976. SFA 22(3)

71-006479 Rosa, E. and C. Williams. THE REPRODUCTIVE SYSTEM OF ONE SPECIES OF THE FAMILY CARCHARINIDAE. *J. Ala. Acad. Sci.* 51(3):184-185. July 1980. Abstract only. SFA 25(4)

71-006480 Ross, M. R. and Reed, R. J. THE REPRODUCTIVE BEHAVIOR OF THE FALLFISH /SEMOTILUS CORPORALIS/. *Copeia* 1978 (2): 215-221. 5 May 1978. SFA 23(3)

71-006481 Ross, M. R. FUNCTION OF CREEK CHUB (/SEMOTILUS ATROMACULATUS/) NEST-BUILDING. *Ohio J. Sci.* 77 (1): 36-37. Jan. 1977. SFA 22(3)

71-006482 Ross, M. R. NEST-ENTRY BEHAVIOR OF FEMALE CREEK CHUBS (/SEMOTILUS ATROMACULATUS/) IN DIFFERENT HABITATS. *Copeia* 1976(2):378-380. May 1976. SFA 21(2).

71-006483 Ross, M. R. THE BREEDING BEHAVIOR AND HYBRIDIZATION POTENTIAL OF THE NORTHERN CREEK CHUB /SEMOTILUS ATROMACULATUS ATROMACULATUS/ (MITCHELL). *Ph.D. dissertation, Ohio State Univ.* 174p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(3), 1975. SFA 21(1).

71-006484 Ross, R. M. REPRODUCTIVE BEHAVIOR OF THE ANEMONEFISH /AMPHIPRION MELANOPUS/ ON GUAM. *Copeia* 1978 (1): 103-107. 10 Feb. 1978. SFA 23(2)

71-006485 Rothbard, S. OBSERVATIONS ON THE REPRODUCTIVE BEHAVIOR OF /TILAPIA ZILLII/ AND SEVERAL /SAROTHERODON/ SPP. UNDER AQUARIUM CONDITIONS. *Bamidgeh* 31(2):35-43. June 1979. SFA 25(1)

71-006486 Ruelle, R. REPRODUCTIVE CYCLE AND FECUNDITY OF WHITE BASS IN LEWIS AND CLARK LAKE. *Trans. Am. Fish. Soc.* 106(1):67-76. Jan. 1977. SFA 22(3)

71-006487 Russock, H. I. and Schein, M. W. EFFECT OF SOCIALIZATION ON ADULT SOCIAL PREFERENCES IN /TILAPIA MOSSAMBICA/ (/SAROTHERODON MOSSAMBICUS/); PISCES: CICHILIDAE. *Anim. Behav.* 26 (1): 148-159. Feb. 1978. SFA 23(4)

71-006488 Sargent, R. C. and J. B. Gebler. EFFECTS OF NEST SITE CONCEALMENT ON HATCHING SUCCESS, REPRODUCTIVE SUCCESS, AND PATERNAL BEHAVIOR OF THE THREESPINE STICKLEBACK, *GASTEROSTEUS ACULEATUS*. *Behav. Ecol. Sociobiol.* 7:137-142. 1980. SFA 25(4)

71-006489 Savvaitova, K. A. and Maksimov, V. A. THE SPAWNING OF THE ARCTIC LAMPREY OF THE GENUS /LAMPETRA/ IN CONNECTION WITH THE PROBLEM OF THE TAXONOMIC STATUS OF SMALL FORMS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):555-560. 1978. SFA 25(1)

71-006490 Savvaitova, K. A.; Mina, M. V. and Maksimov, V. A. EVOLUTIONARY ASPECTS OF THE REPRODUCTIVE ECOLOGY OF TROUT OF THE GENUS /SALMO/ IN KAMCHATKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 18-27. 1975. SFA 21(2).

71-006491 Schenck, J. R. and Whiteside, B. G. REPRODUCTION, FECUNDITY, SEXUAL DIMORPHISM AND SEX RATIO OF /ETHEOSTOMA FONTICOLA/ (OSTEICHTHYES: PERCIDAE). *Am. Midl. Nat.* 98(2):365-375. Oct. 1977. SFA 23(2)

71-006492 Schlueter, R. A. REPRODUCTION OF /NOTROPIS SPILOPTERUS/ AND /PIMEPHALES VIGILAX/ IN THE LOWER WHITE RIVER, PIKE COUNTY, INDIANA. *Proc. Indiana Acad. Sci.* 87: 430. 1977. Abstract only. SFA 24(2)

71-006493 Schmitt, C. C. and Skud, B. E. RELATION OF FECUNDITY TO LONG-TERM CHANGES IN GROWTH, ABUNDANCE AND RECRUITMENT. *Int. Pac. Halibut Comm. Sci. Rep.* No. 66. 31p. 1978. SFA 23(4)

71-006494 Schoenherr, A. A. DENSITY DEPENDENT AND DENSITY INDEPENDENT REGULATION OF REPRODUCTION IN THE GILA TOPMINNOW, /POECILIOPSIS OCCIDENTALIS/ (BAIRD AND GIRARD). *Ecology* 58(2):438-444. 1977. SFA 23(2)

71-006495 Schofer, W. UNTERSUCHUNGEN ZUR FORTPFLANZUNGSFAEHIGKEIT DER PLOETZE (/RUTILUS RUTILUS/ L.) IM BRACKWASSER. INVESTIGATIONS ON THE CAPABILITY OF ROACH (/RUTILUS RULTILUS/ L.) TO REPRODUCE IN BRACKISH WATER. *Arch. Hydrobiol.* 86(3):371-395. 1979. In German with English summ. SFA 25(1)

71-006496 Scholz, A. T.; Horrall, R. M.; Cooper, J. C. and Hasler, A. D. IMPRINTING TO CHEMICAL CUES: THE BASIS FOR HOME STREAM SELECTION IN SALMON. *Science* 192 (4245): 1247-1249. 18 June 1976. SFA 21(2).

71-006497 Scott, A. P.; M. Htun-Han; V. J. Bye; J. R. C. Springate and S. M. Baynes. EFFECT OF PHOTOPERIOD ON GONADAL MATURATION OF FEMALE DAB (*LIMANDA LIMANDA* L.). *Gen. Comp. Endocrinol.* 40(3):336. Mar. 1980. Abstract only. SFA 25(2)

71-006498 Scott, D. B. C. and Fuller, J. D. THE REPRODUCTIVE BIOLOGY OF /SCLEROPAGES FORMOSUS/ (MULLER & SCHLEGEL) (OSTEOGLOSSOMORPHA, OSTEOGLOSSIDAE) IN MALAYA, AND THE MORPHOLOGY OF ITS PITUITARY GLAND. *J. Fish Biol.* 8 (1): 45-53. Jan 1976. SFA 22(1)

71-006499 Sedletskaya, V. A. THE DYNAMICS OF MATURATION OF THE HORSEMACKEREL /TRACHURUS TRACHURUS/ FROM DIFFERENT REGIONS OF THE CENTRAL-EASTERN ALTANTIC AND THE DISTRIBUTION OF SPAWNING GROUNDS DEPENDING ON THE SEASONAL POSITION OF THE HYDROLOGIC FRONTAL ZONE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):239-245. 1975. SFA 21(3).

71-006500 Seid-Rzayev, M. M. and Alekperov, A. P. SOME DATA ON THE DEVELOPMENT CYCLE OF THE GONADS OF THE CASPIAN ROACH (/RUTILUS RUTILUS CASPICUS/) OF THE URAL RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 989-992. 1974. SFA 21(2).

71-006501 Serobaba, I. I. SPAWNING ECOLOGY OF THE WALLEYE POLLOCK (/THERAGRA CHALCOGRAMMA/) IN THE BERRING SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):544-552. 1974. SFA 21(2).

71-006502 Serra B., J. R. ESCALAS DE MADUREZ SEXUAL PARA SARDINA ESPANOLA (/SARDINOPS SAGAX MUSICA/, GIRARD) Y JUREL (/TRACHURUS SYMMETRICUS MURPHYI/, NICHOLS). [MATURATION SCALES FOR SPANISH SARDINE (/SARDINOPS SAGAX MUSICA/, GIRARD) AND JACK MACKEREL (/TRACHURUS SYMMETRICUS MURPHYI/, NICHOLS).] *Inst. Fom. Pesq. Ser. Invest. Pesq.* 24. 20p. 1976. In Spanish with English summ. SFA 22(2)

71-006503 Settles, W. H. and Hoyt, R. D. THE REPRODUCTIVE BIOLOGY OF THE SOUTHERN REDBELLY DACE, /CHROSOMUS ERYTHROGASTER/ RAFINESQUE, IN A SPRING-FED STREAM IN KENTUCKY. *Am. Midl. Nat.* 99 (2): 290-298. Apr. 1978. SFA 23(3)

71-006504 Shackley, S. E. and King, P. E. THE REPRODUCTIVE CYCLE AND ITS CONTROL; FREQUENCY OF SPAWNING AND FECUNDITY IN /BLENNIUS PHOLIS/ L. *J. Exp. Mar. Biol. Ecol.* 30 (1): 73-83. Oct. 1977. SFA 23(2)

71-006505 Shestopalova, G. N. REPRODUCTIVE BIOLOGY OF THE IRIKLINSKOYE RESERVOIR BREAM (/ABRAMIS BRAMA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 884-889. 1977. SFA 24(1)

71-006506 Shikhshabekov, M. M. THE SEXUAL CYCLES OF THE CATFISH, /SILURUS GLANIS/, THE PIKE, /ESOX LUCIUS/, THE PERCH, /PERCA FLUVIATILUS/, AND THE PIKE-PERCH, /LUCIOPERCA LUCIOPERCA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):457-468. 1978. SFA 25(1)

71-006507 Shikhshabekov, M. M. THE REPRODUCTIVE BIOLOGY OF THE "KUTUM", *RUTILUS FRISII KUTUM*, THE ASP, *ASPIUS ASPIUS*, THE VIMBA, *VIMBA VIMBA PERSA*, AND THE RUDD, *SCARDINIUS ERYTHROPHTHALMUS*, IN THE WATERS OF DAGESTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):98-105. 1979. SFA 25(4)

71-006508 Shikhshabekov, M. M. ANNUAL CYCLE OF OVARIES AND TESTES IN THE TENCH, /TINCA TINCA/, IN THE WATERS OF DAGESTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 685-689. 1977. SFA 23(4)

71-006509 Shilov, V. I. and Krasichkova, O. N. [ON SEXUAL MATURATION AND DURATION OF REPEATED MATURATION OF GENITAL PRODUCTS IN /ACIPENSER RUTHENUS/ OF THE VOLGOGRAD WATER RESERVOIR.] *Zool. Zh.* 56 (6): 894-900. June 1977. In Russian with English summ. SFA 22(4)

71-006510 Shubnikov, D. A. TYPES OF MIGRATION CYCLES OF DIADROMOUS AND SEMIDIADROMOUS FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 531-535. 1976. SFA 23(1)

71-006511 Siddiqui, A. Q. REPRODUCTIVE BIOLOGY, LENGTH-WEIGHT RELATIONSHIP AND RELATIVE CONDITION OF /TILAPIA LEUCOSTICTA/ (TREWAVAS) IN LAKE NAIVASHA, KENYA. *J. Fish Biol.* 10 (3): 251-260. Mar. 1977. SFA 22(3)

71-006512 Siefert, R. E. and Herman, L. J. SPAWNING SUCCESS OF THE BLACK CRAPPIE, /POMOXIS NIGROMACULATUS/, AT REDUCED DISSOLVED OXYGEN CONCENTRATIONS. *Trans. Am. Fish. Soc.* 106 (4): 376-379. July 1977. SFA 22(4)

71-006513 Sil'chenko, G. F. REPRODUCTION OF SICHEL (/PELECUS CULTRATUS/) STOCKS IN KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 931-939. 1976. SFA 23(3)

71-006514 Silverman, H. I. CHANGES IN MALE COURTING FREQUENCY IN PAIRS OF THE CICHLID FISH, /SAROTHERODON (TILAPIA) MOSSAMBICUS/, WITH UNLIMITED OR WITH ONLY VISUAL CONTACT. *Behav. Biol.* 23 (2): 189-196. June 1978. SFA 23(4)

71-006515 Silverman, H. I. THE EFFECTS OF VISUAL SOCIAL STIMULATION UPON AGE AT FIRST SPAWNING IN THE MOUTH-BROODING CICHLID FISH /SAROTHERODON (TILAPIA) MOSSAMBICUS/ (PETERS). *Anim. Behav.* 26 (4): 1120-1125. Nov. 1978. SFA 24(2)

71-006516 Silverman, H. I. EFFECTS OF DIFFERENT LEVELS OF SENSORY CONTACT UPON REPRODUCTIVE ACTIVITY OF ADULT MALE AND FEMALE /SAROTHERODON/ (TILAPIA) MOSSAMBICUS/ (PETERS); PISCES: CICHLIDAE. *Anim. Behav.* 26 (4): 1081-1090. Nov. 1978. SFA 24(2)

71-006517 Sjoberg, K. LOCOMOTOR ACTIVITY OF RIVER LAMPREY /LAMPETRA FLUVIATILIS/ (L.) DURING THE SPAWNING SEASON. *Hydrobiologia* 55 (3): 265-270. 8 Sept. 1977. SFA 23(2)

71-006518 Skreslet, S. and Danes, G. J. SEAWARD TRANSPORT OF EGGS OF COASTAL COD (/GADUS MORHUA/) FROM SPAWNING GROUNDS IN ULLSFJORD, NORTH NORWAY. *Astarte* 11 (1): 11-20. 1978. SFA 24(2)

71-006519 Smith, D. G. EARLY LARVAE OF THE TARPON, *MEGALOPS ATLANTICA* VALENCIENNES (PISCES: ELOPIDAE), WITH NOTES ON SPAWNING IN THE GULF OF MEXICO AND THE YUCATAN CHANNEL. *Bull. Mar. Sci.* 30(1):136-141. Jan. 1980. SFA 25(2)

71-006520 Smith, S. L. BEHAVIORAL SUPPRESSION OF SPAWNING IN LARGEMOUTH BASS BY INTERSPECIFIC COMPETITION FOR SPACE WITHIN SPAWNING AREAS. *Trans. Am. Fish. Soc.* 105 (6): 682-685. Nov. 1976. SFA 22(1)

71-006521 Sobhana, B. and Balakrishnan Nair, N. OBSERVATION ON THE MATURATION AND SPAWNING OF /PUNTIUS SARANA SUBNASUTUS/ (VALENCIENNES). *Indian J. Fish.* 21 (2): 357-368. 1974. SFA 23(2)

71-006522 Sokolov, L. I. and Malyutin, V. S. FEATURES OF THE POPULATION STRUCTURE AND CHARACTERISTICS OF SPAWNERS OF THE SIBERIAN STURGEON, /ACIPENSER BAERI/, IN THE SPAWNING GROUNDS OF THE LENA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 210-218. 1977. SFA 23(3)

71-006523 Spanovskaya, V. D. and Grigorash, V. A. THE REPRODUCTIVE CAPACITY OF /CYCLOTHONE BRAUERI/ IN THE SOUTHERN PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):504-508. 1978. SFA 25(1)

71-006524 Spivak, E. G.; G. N. Pinus and S. V. Sentishcheva. THE AGE COMPOSITION OF THE SPAWNING POPULATION AND THE CHARACTERISTICS OF THE SPAWNERS SIZE-AGE STRUCTURE AND FECUNDITY OF THE ROACH, *RUTILUS RUTILUS* SPAWNING IN KAKHOVKA RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):75-80. 1979. SFA 25(4)

71-006525 Stanley, C. A. and Malcolm, W. B. REPRODUCTIVE CYCLES IN THE EASTERN SUBSPECIES OF THE AUSTRALIAN SALMON, /ARRIPIS TRUTTA MARGINATA/ (CUVIER & VALENCIENNES). *Aust. J. Mar. Freshwater Res.* 28 (3): 287-301. June 1977. SFA 23(1)

71-006526 Stanley, J. G. REPRODUCTION OF THE GRASS CARP (/CTENOPHARYNGODON IDELLA/) OUTSIDE ITS NATIVE RANGE. *Fisheries (Bull. Am. Fish. Soc.)* 1 (3): 7-10. May-June 1976. SFA 21(3).

71-006527 Stasko, A. B. PROGRESS OF MIGRATING ATLANTIC SALMON (/SALMO SALAR/) ALONG AN ESTUARY, OBSERVED BY ULTRASONIC TRACKING. *J. Fish Biol.* 7 (3): 329-338. May 1975. SFA 22(2)

71-006528 Stauffer, T. M. FECUNDITY OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) FROM THE GREAT LAKES AND A COMPARISON WITH OCEAN SALMON. *J. Fish. Res. Board Can.* 33 (5): 1150-1155. May 1976. In English with French summ. SFA 21(2).

71-006529 Stearns, S. C. INTERPOPULATIONAL DIFFERENCES IN REPRODUCTIVE TRAITS OF /NEOHETERANDRIA TRIDENTIGER/ (PISCES: POECILIIDAE) IN PANAMA. *Copeia* 1978 (1): 188-190. 10 Feb. 1978. SFA 23(2)

71-006530 Sukhanova, G. I. THE SPAWNING AND FECUNDITY OF THE PIKE, *ESOX LUCIUS*, IN VILYUY RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):74-79. 1979. SFA 25(4)

71-006531 Sumpter, J. P. and J. M. Dodd. THE ANNUAL REPRODUCTIVE CYCLE OF THE FEMALE LESSER SPOTTED DOGFISH, *SCYLIORHINUS CANICULA* L., AND ITS ENDOCRINE CONTROL. *J. Fish Biol.* 687-695. Dec. 1979. SFA 25(2)

71-006532 Sutterlin, A. M.; Harmon, P. and Young, B. PRECOCIOUS SEXUAL MATURATION IN ATLANTIC SALMON (/SALMO SALAR/) POSTSMOLTS REARED IN A SEAWATER IMPOUNDMENT. *J. Fish. Res. Board Can.* 35 (9): 1269-1272. Sept. 1978. In English with French summ. SFA 24(1)

71-006533 Suzuki, K. and Hioki, S. [SPAWNING BEHAVIOR, EGGS, AND LARVAE OF THE SEA BREAM, /GYMNOCRANIUS GRISEUS/, IN AN AQUARIUM.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9:263-269. 1979. In Japanese with English summ. SFA 24(4)

71-006534 Suzuki, K.; Hioki, S.; Tanaka, Y. and Iwasa, K. [SPAWNING BEHAVIOR, EGGS, LARVAE, AND SEX REVERSAL OF TWO POMACANTHINE FISH, /GENICANTHUS LAMARCK/ AND /G. SEMIFASCIATUS/, IN THE AQUARIUM.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 149-165. 1979. In Japanese with English summ. SFA 24(4)

71-006535 Sztramko, L. and Teleki, G. C. ANNUAL VARIATIONS IN THE FECUNDITY OF YELLOW PERCH FROM LONG POINT BAY, LAKE ERIE. *Trans. Am. Fish. Soc.* 106 (6): 578-582. Nov. 1977. SFA 23(2)

71-006536 Taube, C. M. SEXUAL MATURITY AND FECUNDITY IN BROWN TROUT OF THE PLATTE RIVER, MICHIGAN. *Trans. Am. Fish. Soc.* 105(4):529-533. July 1976. SFA 21(4).

71-006537 Taubert, B. D. REPRODUCTION OF SHORTNOSE STURGEON (*ACIPENSER BREVIROSTRUM*) IN HOLYOKE POOL, CONNECTICUT RIVER, MASSACHUSETTS. *Copeia* 1980(1):114-117. 1 Feb. 1980. SFA 25(2)

71-006538 Tautz, A. F. EFFECTS OF VARIABILITY IN SPACE AND TIME ON THE PRODUCTION DYNAMICS OF SALMONID FISHES. *Ph.D. dissertation, Univ. British Columbia* 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):46. July 1978. SFA 23(4)

71-006539 Taylor, J. N. BEHAVIORAL COMPONENTS OF REPRODUCTIVE SUCCESS IN MALE SUNFISHES OF THE GENUS /LEPOMIS/. *Ph.D. dissertation, Univ. Mich.* 254p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(10):4771. Apr. 1979. SFA 24(3)

71-006540 Taylor, M. H. and L. DiMichele. OVARIAN CHANGES DURING THE LUNAR SPAWNING CYCLE OF *FUNDULUS HETEROCLITUS*. *Copeia* 1980(1):118-125. 1 Feb. 1980. SFA 25(2)

71-006541 Taylor, M. H. and DiMichele, L. PHOTOPERIOD INFLUENCE ON THE SEMILUNAR SPAWNING CYCLE OF /FUNDULUS HETEROCLITUS/. *Am. Zool.* 18 (3): 668. 1978. Abstract only. SFA 24(2)

71-006542 Taylor, M. H.; Leach, G. J.; DiMichele, L.; Levitan, W. M. and Jacob, W. F. LUNAR SPAWNING CYCLE IN THE MUMMICHOG, /FUNDULUS HETEROCLITUS/ (PISCES: CYPRINODONTIDAE). *Copiea* 1979 (2): 291-297. 18 May 1979. SFA 24(3)

71-006543 Taylor, M. H.; Di Michele, L. and Leach, G. J. EGG STRANDING IN THE LIFE CYCLE OF THE MUMMICHOG, /FUNDULUS HETEROCLITUS/. *Copeia* 1977 (2): 397-399. 25 May 1977. SFA 22(3)

71-006544 Templeman, W.; Hodder, V. M. and Wells, R. SEXUAL MATURITY AND SPAWNING IN HADDOCK, /MELANOGRAMMUS AEGLEFINUS/, OF THE SOUTHERN GRAND BANK. *Int. Comm. Northwest Alt. Fish. Res. Bull.* No. 13. p. 53-65. 1978. SFA 23(4)

71-006545 Thakur, N. K.; Sheel, M. and Nasar, S. A. K. SPAWNING BEHAVIOUR OF AN AIR-BREATHING CATFISH /HETEROPNEUSTES FOSSILIS/ (BLOCH). *Physiol. Behav.* 19 (1): 53-55. July 1977. SFA 23(1)

71-006546 Thomson, D. A. and Lehner, C. E. RESILIENCE OF A ROCKY INTERTIDAL FISH COMMUNITY IN A PHYSICALLY UNSTABLE ENVIRONMENT. *J. Exp. Mar. Biol. Ecol.* 22 (1): 1-29. Apr. 1976. SFA 21(3).

71-006547 Thomson, D. A. and Muench, K. A. INFLUENCE OF TIDES AND WAVES ON THE SPAWNING BEHAVIOR OF THE GULF OF CALIFORNIA GRUNION, /LEURESTHES SARDINA/ (JENKINS AND EVERMANN). *Bull. South. Calif. Acad. Sci.* 75 (2): 198-203. Aug. 1976. SFA 22(2)

71-006548 Tilzey, R. D. J. REPEAT HOMING OF BROWN TROUT (/SALMO TRUTTA/) IN LAKE EUCUMBENE, NEW SOUTH WALES, AUSTRALIA. *J. Fish. Res. Board Can.* 34 (8): 1085-1094. Aug. 1977. In English with French summ. SFA 22(4)

71-006549 Timmons, T. J.; W. L. Shelton and W. D. Davies. GONAD DEVELOPMENT, FECUNDITY, AND SPAWNING SEASON OF LARGEMOUTH BASS IN NEWLY IMPOUNDED WEST POINT RESERVOIR, ALABAMA-GEORGIA. *U.S. Fish Wildl. Serv. Tech. Pap.* 100. 6p. 1980. SFA 25(4)

71-006550 Timoshek, N. G. and Shilenkova, A. K. THE NATURE OF THE OOGENESIS AND SPAWNING OF BLACK SEA MULLET. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):727-734. 1974. SFA 21(2).

71-006551 Tippets, W. E. EVIDENCE OF SUCCESSFUL REPRODUCTION OF STEELHEAD RAINBOW TROUT, /SALMO GAIRDNERI GAIRDNERI/ IN THE VENTURA RIVER, CALIFORNIA. *Calif. Fish Game* 65 (3): 177-179. July 1979. SFA 24(4)

71-006552 Tricas, T. C. COURTSHIP AND MATING-RELATED BEHAVIORS IN MYLIOBATID RAYS. *Copeia* 1980(3):553-556. 6 Sept. 1980. SFA 25(4)

71-006553 Troitskiy, S. K. and Tsunikova, Ye. P. THE TIME OF SPAWNING MIGRATIONS AND SPAWNING OF THE PIKE-PERCH /LUCIOPERCA LUCIOPERCA/ IN THE AZOV-KUBAN REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 592-598. 1976. SFA 23(1)

71-006554 Tsepkin, Ye. A. SPAWNING MODIFICATIONS OF THE MALE "AMUR SLEEPER," /PERCCOTTUS GLEHNI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 800-801. 1978. SFA 24(1)

71-006555 Turner, J. L. STRIPED BASS SPAWNING IN THE SACRAMENTO AND SAN JOAQUIN RIVERS IN CENTRAL CALIFORNIA FROM 1963 TO 1972. *Calif. Fish Game* 62 (2): 106-118. Apr. 1976. SFA 21(2).

71-006556 Tuunainen, P. ON THE SEASONAL MIGRATIONS OF THE RIVER-SPAWNING WHITEFISH, /COREGONUS PIDSCHIAN/ (GMELIN), IN AN ARCTIC WATERCOURSE. *Int. Ver. Theor. Angew. Limnol. Verh.* 19: 2538-2545. Dec. 1975. SFA 21(1).

71-006557 Tyler, A. V. and Dunn, R. S. RATION, GROWTH, AND MEASURES OF SOMATIC AND ORGAN CONDITION IN RELATION TO MEAL FREQUENCY IN WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/, WITH HYPOTHESES REGARDING POPULATION HOMEOSTATIS. *J. Fish. Res. Board Can.* 33(1):63-75. Jan. 1976. In English with French summ. SFA 21(1).

71-006558 Van der Horst, G. and Erasmus, T. THE BREEDING CYCLE OF MALE /LIZA DUMERILI/ (TELEOSTEI: MUGILIDAE) IN THE MOUTH OF THE SWARTKOPS ESTUARY. *Zool. Afr.* 13 (2): 259-273. 1978. SFA 24(2)

71-006559 Verigin, B. V.; Zaki Mokhamed, M. I. and Mokhamed, Z. NATURAL SPAWNING OF THE SILVER CARP, /HYPOPHTHALMICHTHYS MOLITRIX/, THE BIGHEAD CARP, /ARISTICHTHYS NOBILIS/, AND THE GRASS CARP, /CTENOPHARYNGODON IDELLA/, IN THE SYR-DAR'YA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 143-146. 1978. SFA 24(3)

71-006560 Veshchev, P. V. COMPOSITION OF THE SPAWNING POPULATION OF THE STURGEON, *ACIPENSER GÜLDENSTÄDTI* AND THE SEVRYUGA, *ACIPENSER STELLATUS*, IN THE SPAWNING GROUNDS OF AKHTUBA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):151-155. 1979. SFA 25(4)

71-006561 Wagner, W. C. and T. M. Stauffer. THREE-YEAR-OLD PINK SALMON IN LAKE SUPERIOR TRIBUTARIES. *Trans. Am. Fish. Soc.* 109(4):458-460. July 1980. SFA 25(4)

71-006562 Walsh, J. J.; T. E. Whitledge; W. E. Esaias; R. L. Smith; S. A. Huntsman; H. Santander and B. R. De Mendiola. THE SPAWNING HABITAT OF THE PERUVIAN ACHOVY, *ENGRAULIS RINGENS*. *Deep-Sea Res. A Oceanogr. Res. Pap.* 27(1):1-27. Jan. 1980. SFA 25(2)

71-006563 Ware, D. M. SPAWNING TIME AND EGG SIZE OF ATLANTIC MACKEREL, /SCOMBER SCOMBRUS/, IN RELATION TO THE PLANKTON. *J. Fish. Res. Board Can.* 34 (12): 2308-2315. Dec. 1977. In English with French summ. SFA 23(2)

71-006564 Webster, D. A. and Eiriksdottir, G. UPWELLING WATER AS A FACTOR INFLUENCING CHOICE OF SPAWNING SITES BY BROOK TROUT (/SALVELINUS FONTINALIS/). *Trans. Am. Fish. Soc.* 105 (3): 416-421. May 1976. SFA 21(3).

71-006565 Went, A. E. J. THE RECAPTURE OF BRITISH SALMON IN IRISH WATERS. *J. Fish Biol.* 8 (4): 311-316. Apr. 1976. SFA 22(1)

71-006566 West, J. L. INTRAGRAVEL CHARACTERISTICS IN SOME WESTERN NORTH CAROLINA TROUT STREAMS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:625-633. 1978[1979]. SFA 25(2)

71-006567 Wilkinson, D. R. and Jones, J. W. THE FECUNDITY OF DACE, /LEUCISCUS LEUCISCUS/ (L.) IN EMRAL BROOK, CLWYD, NORTH WALES. *Freshwater Biol.* 7 (2): 135-145. Apr. 1977. SFA 22(4)

71-006568 Wirtz, P. THE BEHAVIOUR OF THE MEDITERRANEAN /TRIPTERYGION/ SPECIES (PICES, BLENNIOIDEI). *J. Comp. Ethol.* 48 (2): 142-174. Oct. 1978. In English with German summ. SFA 24(2)

71-006569 Wootton, R. J.; Evans, G. W. and Mills, L. ANNUAL CYCLE IN FEMALE THREE-SPINED STICKLEBACKS (/GASTEROSTEUS ACULEATUS/ L.) FROM AN UPLAND AND LOWLAND POPULATION. *J. Fish Biol.* 12 (4): 331-343. Apr. 1978. SFA 23(3)

71-006570 Wourms, J. P. REPRODUCTION AND DEVELOPMENT IN CHONDRICHTHYAN FISHES. *Am. Zool.* 17 (2): 379-410. 1977. SFA 22(4)

71-006571 Yaron, Z.; M. Cocos and H. Salzer. EFFECTS OF TEMPERATURE AND PHOTOPERIOD ON OVARIAN RECRUDESCENCE IN THE CYPRINID FISH *MIROGREX TERRAE-SANCTAE*. *J. Fish Biol.* 16(4):371-382. Apr. 1980. SFA 25(3)

71-006572 Yefremenko, V. N. VERTICAL DISTRIBUTION OF MYCTOPHID EGGS IN THE SOUTH ATLANTIC. *Oceanology* 16 (4): 404-405. Feb. 1977. SFA 22(3)

71-006573 Yegorova, T. V. SPAWNING RUNS AND SPAWNING TIMES OF THE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, IN THE OZERNAYA RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 559-566. 1977. SFA 23(4)

71-006574 Yevseyenko, S. A. NEW DATA CONCERNING EEL EGGS ON GEORGES BANK. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 294-298. 1974. SFA 21(2).

71-006575 Zver'kova, L. M. MATURATION, FECUNDITY AND SPAWNING GROUNDS OF THE WALLEYE POLLOCK (/THERAGRA CHALCOGRAMMA/) IN THE NORTHEAST OF THE SEA OF JAPAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 404-410. 1977. SFA 23(3)

MOVEMENTS, SEASONAL AND DEPTH DISTRIBUTION, ETC.

71-006576 Ager, L. M. A BIOTELEMETRY STUDY OF THE MOVEMENTS OF THE WALLEYE IN CENTER HILLS RESERVOIR, TENNESSEE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:311-323. 1976[1978]. SFA 24(1)

71-006577 Alt, K. T. INCONNU, /STENODUS LEUCICHTHYS/, MIGRATION STUDIES IN ALASKA 1961-71. *J. Fish. Res. Board Can.* 34 (1): 129-133. Jan. 1977. In English with French summ. SFA 22(2)

71-006578 Andriashev, A. P. [ON THE DEEPEST OCCURENCE OF A ZOARCID FISH (*LYCENCHELYS ATACAMENSIS* SP. N.) FROM THE ATACAMA TRENCH.] *Zool. Zh.* 59(7):1105-1108. July 1980. In Russian with English summ. SFA 25(4)

71-006579 Austin, H. M. and Custer, O. SEASONAL MIGRATION OF STRIPED BASS IN LONG ISLAND SOUND. *N.Y. Fish Game J.* 24 (1): 53-68. Jan. 1977. SFA 22(2)

71-006580 Bagliniere, J.-L. ETUDE DES POPULATIONS DE SAUMON ATLANTIQUE (/SALMO SALAR/ L., 1766) EN BRETAGNE-BASSE-NORMANDIE. II.--ACTIVITE DE DEVALAISON DES SMOLTS SUR L'ELLE. [THE POPULATIONS OF /SALMO SALAR/ L., 1766 IN BRITTANY-LOWER NORMANDY II.--THE DOWNSTREAM ACTIVITY OF THE SMOLTS IN THE ELLE RIVER.] *Ann. Hydrobiol.* 7 (2): 159-177. 1976. In French with English summ. SFA 22(3)

71-006581 Bailey, R. F. J.; Able, K. W. and Leggett, W. C. SEASONAL AND VERTICAL DISTRIBUTION AND GROWTH OF JUVENILE AND ADULT CAPELIN (/MALLOTUS VILLOSUS/) IN THE ST. LAWRENCE ESTUARY AND WESTERN GULF OF ST. LAWRENCE. *J. Fish. Res. Board Can.* 34 (11): 2030-2040. Nov. 1977. In English with French summ. SFA 23(1)

71-006582 Bailey, R.; Patula, D.; Green, M.; Weeks, R. and Long, F. MIGRATORY BEHAVIOR OF LAHONTAN CUTTHROAT TROUT (/SALMO CLARKI HENSHAWI/) UTILIZING RADIO TELEMETRY. *Cal-Neva Wildl. Trans.* p. 127-136. 1978. SFA 24(3)

71-006583 Barraclough, W. E. and Phillips, A. C. DISTRIBUTION OF JUVENILE SALMON IN THE SOUTHERN STRAIT OF GEORGIA DURING THE PERIOD APRIL TO JULY 1966-1969. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 826. iv + 47p. Nov. 1978. In English with French summ. SFA 24(2)

71-006584 Begg, G. W. THE RELATIONSHIP BETWEEN THE DIURNAL MOVEMENTS OF SOME OF THE ZOOPLANKTON AND THE SARDINE /LIMNOTHRISSA MIODON/ IN LAKE KARIBA, RHODESIA. *Limnol. Oceanogr.* 21 (4): 529-539. July 1976. SFA 21(4).

71-006585 Ben-Tuvia, A. IMMIGRATION OF FISHES THROUGH THE SUEZ CANAL. *NOAA Fish. Bull.* 76 (1): 249-255. Jan. 1978. SFA 23(3)

71-006586 Bjornn, T. C.; Ringe, R. R. and Hiebert, P. SEAWARD MIGRATION OF DWORSHAK HATCHERY STEELHEAD TROUT IN 1976. *Univ. Idaho For. Wildl. Range Exp. Stn. Tech. Rep.* 6. iii + 45p. Apr. 1978. SFA 23(4)

71-006587 Boehlert, G. W. TIMING OF THE SURFACE-TO-BENTHIC MIGRATION IN JUVENILE ROCKFISH, /SEBASTES DIPLOPROA/, OFF SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 75 (4): 887-890. Oct. 1977. SFA 23(2)

71-006588 Bond, G. W. III. VERTICAL DISTRIBUTION AND LIFE HISTORIES OF THE GONOSTOMATID FISHES (PISCES: GONOSTOMATIDAE) OFF BERMUDA. *Ph.D. dissertation, Univ. R.I.* 299p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-006589 Bozeman, E. L., Jr. and J. M. Dean. THE ABUNDANCE OF ESTUARINE LARVAL AND JUVENILE FISH IN A SOUTH CAROLINA INTERTIDAL CREEK. *Estuaries* 3(2):89-97. June 1980. SFA 25(3)

71-006590 Cadwallader, P. L. HOME RANGE AND MOVEMENTS OF THE COMMON RIVER GALAXIAS, /GALAXIAS VULGARIS/ STOKELL (PISCES : SALMONIFORMES), IN THE GLENTUI RIVER, NEW ZEALAND. *Aust. J. Mar. Freshwater Res.* 27 (1): 23-33. Mar. 1976. SFA 21(4).

71-006591 Cadwallader, P. L. A LABORATORY STUDY OF INTERACTIVE SEGREGATION BETWEEN TWO NEW ZEALAND STREAM-DWELLING FISH. *J. Anim. Ecol.* 44(3):865-875. Oct. 1975. SFA 22(3)

71-006592 Carlson, H. R. and Barr, L. SEASONAL CHANGES IN SPATIAL DISTRIBUTION AND ACTIVITY OF TWO SPECIES OF PACIFIC ROCKFISHES, /SEBASTES FLAVIDUS/ AND /S. CILIATUS/, IN LYNN CANAL, SOUTHEASTERN ALASKA. *Mar. Fish. Rev.* 39 (3): 23-24. Mar. 1977. SFA 22(3)

71-006593 Carlson, J. E. and Duever, M. J. SEASONAL FISH POPULATION FLUCTUATIONS IN SOUTH FLORIDA SWAMP. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:603-611. 1977[1979]. SFA 24(4)

71-006594 Casterlin, M. E. and Reynolds, W. W. DIEL ACTIVITY PATTERNS OF THE SMOOTH DOGFISH SHARK, /MUSTELUS CANIS/. *Bull. Mar. Sci.* 29(3):440-442. July 1979. SFA 25(1)

71-006595 Churikov, A. A. FEATURES OF THE DOWNSTREAM MIGRATION OF YOUNG SALMON OF THE GENUS /ONCORHYNCHUS/ FROM THE RIVERS OF THE NORTHEAST COAST OF SAKHALIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 963-970. 1975. SFA 22(1)

71-006596 Clady, M. D. DISTRIBUTION AND ABUNDANCE OF LARVAL CISCOES, /COREGONUS ARTEDII/, AND BURBOT, /LOTA LOTA/, IN ONEIDA LAKE. *J. Great Lakes Res.* 2 (2): 234-247. Dec. 1976. SFA 22(4)

71-006597 Claridge, P. N. and Gardner, D. C. GROWTH AND MOVEMENTS OF THE TWAITE SHAD, /ALOSA FALLAX/ (LACEPEDE), IN THE SEVERN ESTUARY. *J. Fish Biol.* 12 (3): 203-211. Mar. 1978. SFA 23(3)

71-006598 Clarke, T. A. and Wagner, P. J. VERTICAL DISTRIBUTION AND OTHER ASPECTS OF THE ECOLOGY OF CERTAIN MESOPELAGIC FISHES TAKEN NEAR HAWAII. *NOAA Fish. Bull.* 74(3):635-645. July 1976. SFA 21(3).

71-006599 Cole, R. A. LARVAL FISH DISTRIBUTIONS IN SOUTHWESTERN LAKE ERIE NEAR THE MONROE POWER PLANT. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-069. viii + 65p. July 1978. SFA 24(4)

71-006600 Craig, P. C. MOVEMENTS OF STREAM-RESIDENT AND ANADROMOUS ARCTIC CHAR (/SALVELINUS ALPINUS/) IN A PERENNIAL SPRING ON THE CANNING RIVER, ALASKA. *J. Fish. Res. Board Can.* 35 (1): 48-52. Jan. 1978. In English with French summ. SFA 23(2)

71-006601 Crossland, J. SNAPPER TAGGING IN NORTH-EAST NEW ZEALAND, 1974: ANALYSIS OF METHODS, RETURN RATES, AND MOVEMENTS. *N. Z. J. Mar. Freshwater Res.* 10 (4): 675-686. Dec. 1976. SFA 22(3)

71-006602 Davies, R. W. and Thompson, G. W. MOVEMENTS OF MOUNTAIN WHITEFISH (/PROSOPIUM WILLIAMSONI/) IN THE SHEEP RIVER WATERSHED, ALBERTA. *J. Fish. Res. Board Can.* 33 (11): 2395-2401. Nov. 1976. In English with French summ. SFA 21(4).

71-006603 Davis, W. L. and Freeze, T. M. THE OCCURRENCE AND RELATIVE ABUNDANCE OF PLANKTONIC FISH LARVAE IN ANDERSON CREEK EMBAYMENT, KENTUCKY LAKE, KENTUCKY. *Trans. Ky. Acad. Sci.* 38 (3-4): 120-122. Sept. 1977. SFA 23(1)

71-006604 Day, D. E. HOMING BEHAVIOR AND POPULATION STRATIFICATION IN CENTRAL PUGET SOUND ENGLISH SOLE (/PAROPHRYS VETULUS/). *J. Fish. Res. Board Can.* 33(2):278-282. Feb. 1976. In English with French summ. SFA 21(1).

71-006605 Diana, J. S. and Lane, E. D. THE MOVEMENT AND DISTRIBUTION OF PAIUTE CUTTHROAT TROUT, /SALMO CLARKI SELENIRIS/, IN COTTONWOOD CREEK, CALIFORNIA. *Trans. Am. Fish. Soc.* 107(3):444-448. May 1978. SFA 23(4)

71-006606 Diana, J. S.; Mackay, W. C. and Ehrman, M. MOVEMENTS AND HABITAT PREFERENCE OF NORTHERN PIKE (/ESOX LUCIUS/) IN LAC STE. ANNE, ALBERTA. *Trans. Am. Fish. Soc.* 106 (6): 560-565. Nov. 1977. SFA 23(2)

71-006607 Dooley, H. D. and McKay, D. W. THE DRIFT OF HERRING LARVAE FROM THE WEST COAST TO THE NORTH SEA. *Scott. Fish. Bull.* 45:10-12. 1979. SFA 25(1)

71-006608 Dudley, R. G.; Mullis, A. W. and Terrell, J. W. MOVEMENTS OF ADULT STRIPED BASS (/MORONE SAXATILIS/) IN THE SAVANNAH RIVER, GEORGIA. *Trans. Am. Fish. Soc.* 106 (4): 314-322. July 1977. SFA 22(4)

71-006609 Duncan, T. O. and M. R. Myers, Jr. MOVEMENTS OF CHANNEL CATFISH AND FLATHEAD CATFISH IN BEAVER RESERVOIR, NORTHWEST ARKANSAS. *Proc. Ark. Acad. Sci.* 32:43-45. 1978. SFA 25(4)

71-006610 Ebeling, A. W. and Bray, R. N. DAY VERSUS NIGHT ACTIVITY OF REEF FISHES IN A KELP FOREST OFF SANTA BARABARA, CALIFORNIA. *NOAA Fish. Bull.* 74(4):703-717. Oct. 1976. SFA 22(2)

71-006611 Edwards, R. J. SEASONAL MIGRATIONS OF /ASTYANAX MEXICANUS/ AS AN ADAPTATION TO NOVEL ENVIRONMENTS. *Copeia* 1977 (4): 770-771. 25 Nov. 1977. SFA 23(1)

71-006612 Engel, S. and Magnuson, J. J. VERTICAL AND HORIZONTAL DISTRIBUTIONS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/), YELLOW PERCH (/PERCA FLAVESCENS/) AND CISCO (/COREGONUS ARTEDII/) IN PALLETTE LAKE, WISCONSIN. *J. Fish. Res. Board Can.* 33 (12): 2710-2715. Dec. 1976. In English with French summ. SFA 22(1)

71-006613 Ezzat, A. and El-Serafy, S. THE MIGRATION OF ELVERS OF /ANGUILLA ANGUILLA/ L. IN THE MEX CANAL, ALEXANDRIA, EGYPT. *J. Fish Biol.* 11 (3): 249-256. Sept. 1977. SFA 23(1)

71-006614 Fable, W. A., Jr. TAGGING STUDIES OF RED SNAPPER (*LUTJANUS CAMPECHANUS*) AND VERMILION SNAPPER (*RHOMBOPLITES AURORUBENS*) OFF THE SOUTH TEXAS COAST. *Contrib. Mar. Sci.* 23:115-121. Aug. 1980. SFA 25(4)

71-006615 Fried, S. M. SEAWARD MIGRATION OF HATCHERY-REARED ATLANTIC SALMON (/SALMO SALAR/) SMOLTS IN THE PENOBSCOT RIVER ESTUARY, MAINE: RIVERINE MOVEMENTS. *Ph.D. dissertation, Univ. Me.* 63p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1603. Oct. 1977. SFA 23(3)

71-006616 Fried, S. M.; McCleave, J. D. and LaBar, G. W. SEAWARD MIGRATION OF HATCHERY-REARED ATLANTIC SALMON, /SALMO SALAR/, SMOLTS IN THE PENOBSCOT RIVER ESTUARY, MAINE: RIVERINE MOVEMENTS. *J. Fish. Res. Board Can.* 35 (1): 76-87. Jan. 1978. In English with French summ. SFA 23(2)

71-006617 Frost, B. W. and McCrone, L. E. VERTICAL DISTRIBUTION, DIEL VERTICAL MIGRATION, AND ABUNDANCE OF SOME MESOPELAGIC FISHES IN THE EASTERN SUBARCTIC PACIFIC OCEAN IN SUMMER. *NOAA Fish. Bull.* 76 (4): 751-770. 1979. SFA 24(2)

71-006618 Gabriel, W. L.; Leggett, W. C.; Carscadden, J. E. and Glebe, B. D. ORIGIN AND CHARACTERISTICS OF "FALL-RUN" AMERICAN SHAD (/ALOSA SAPIDISSIMA/) FROM THE ST. JOHN RIVER, NEW BRUNSWICK. *J. Fish. Res. Board Can.* 33 (8): 1764-1770. Aug. 1976. In English with French Summ. SFA 21(3).

71-006619 Gebhart, G. E. and Summerfelt, R. C. FACTORS AFFECTING THE VERTICAL DISTRIBUTION OF WHITE CRAPPIE (/POMOXIS ANNULARIS/) IN TWO OKLAHOMA RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:355-366. 1975. SFA 21(3)

71-006620 Goldspink, C. R. A NOTE ON THE DISPERSION PATTERN OF MARKED BREAM /ABRAMIS BRAMA/ RELEASED INTO TJEUKEMEER, THE NETHERLANDS. *J. Fish Biol.* 13 (4): 493-497. Oct. 1978. SFA 24(1)

71-006621 Gomber, J. HUDSON RIVER STRIPED BASS. *Underwater Nat.* 10 (3): 27. 1977. SFA 22(4)

71-006622 Graser, L. F. SPATIO-TEMPORAL DISTRIBUTION OF CLUPEID LARVAE IN BARKLEY RESERVOIR. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 120-138. 1979. SFA 24(3)

71-006623 Gray, R. H. and Haynes, J. M. DEPTH DISTRIBUTION OF ADULT CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) IN RELATION TO SEASON AND GAS-SUPERSATURATED WATER. *Trans. Am. Fish. Soc.* 106(6):617-620. Nov. 1977. SFA 23(2)

71-006624 Green, J. M. THE RESTRICTED MOVEMENTS AND HOMING OF THE CUNNER, /TAUTOGOLABRUS ADSPERSUS/ (WALBAUM) (PISCES: LABRIDAE). *Can. J. Zool.* 53 (10): 1427-1431. Oct. 1975. In English with French summ. SFA 22(1)

71-006625 Guillory, V. UTILIZATION OF AN INUNDATED FLOODPLAIN BY MISSISSIPPI RIVER FISHES. *Fla. Sci.* 42(4):222-228. 1979. SFA 25(2)

71-006626 Hall, D. J. and Werner, E. E. SEASONAL DISTRIBUTION AND ABUNDANCE OF FISHES IN THE LITTORAL ZONE OF A MICHIGAN LAKE. *Trans. Am. Fish. Soc.* 106 (6): 545-555. Nov. 1977. SFA 23(2)

71-006627 Hanamoto, E. [FISHERY OCEANOGRAPHY OF STRIPED MARLIN--IV. SWIMMING LAYER IN THE TUNA LONGLINE FISHING GROUNDS.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 687-690. June 1979. In Japanese with English summ. SFA 24(4)

71-006628 Hanamoto, E. [FISHERY OCEANOGRAPHY OF STRIPED MARLIN--I. FISHING SEASON, FISHING GROUND AND MOVEMENT PATTERN OF THE FISH IN THE SOUTHERN CORAL SEA.] *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 649-657. June 1977. In Japanese with English summ. SFA 22(4)

71-006629 Hartmann, J. and Loffler, H. SAISONALE BODENNAHE VERTEILUNG VON FISCHEN IM EUTROPHIERTEN BODENSEE. [SAISONAL NEAR BOTTOM-DISTRIBUTION OF FISH IN THE EUTROPHICATED LAKE OF CONSTANCE.] *Arch. Hydrobiol.* 83(1):69-79. 1978. In German with English summ. SFA 23(4)

71-006630 Haynes, J. M. MOVEMENT AND HABITAT STUDIES OF CHINOOK SALMON AND WHITE STURGEON. *Ph.D. dissertation, Univ. Minn.* 166p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):532. Aug. 1978. SFA 24(3)

71-006631 Haynes, J. M.; Gray, R. H. and Montgomery, J. C. SEASONAL MOVEMENTS OF WHITE STURGEON (/ACIPENSER TRANSMONTANUS/) IN THE MID-COLUMBIA RIVER. *Trans. Am. Fish. Soc.* 107 (2): 275-280. Mar. 1978. SFA 23(3)

71-006632 Helfman, G. S. and Meyer, J. L. ONTOGENY OF TWILIGHT MIGRATIONS IN GRUNTS (POMADASYIDAE). *Bull. Ecol. Soc. Am.* 59 (2): 95. June 1978. Abstract only. SFA 23(4)

71-006633 Hess, L. THE EFFECT OF ARTIFICIAL HYPOLIMNION AERATION ON THE DEPTH DISTRIBUTION AND CATCH RATE OF RAINBOW TROUT. *Proc. W. Va. Acad. Sci.* 48(1):22. 1976. Abstract only. SFA 21(2).

71-006634 Holliday, D. V. and Larsen, H. L. THICKNESS AND DEPTH DISTRIBUTIONS OF SOME EPIPELAGIC FISH SCHOOLS OFF SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 77(2):489-494. Apr. 1979. SFA 25(1)

71-006635 Holt, C. S.; Grant, G. D. S.; Oberstar, G. P.; Oakes, C. C. and Bradt, D. W. MOVEMENT OF WALLEYE, /STIZOSTEDION VITREUM/, IN LAKE BEMIDJI, MINNESOTA AS DETERMINED BY RADIO-BIOTELEMETRY. *Trans. Am. Fish. Soc.* 106 (2): 163-169. Mar. 1977. SFA 22(3)

71-006636 Hudson, R. G. and Hester, F. E. MOVEMENTS OF THE REDBREAST SUNFISH IN LITTLE RIVER, NEAR RALEIGH, NORTH CAROLINA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:325-329. 1975[1976]. SFA 22(3)

71-006637 Huish, M. T. and Benedict, C. SONIC TRACKING OF DUSKY SHARKS IN THE CAPE FEAR RIVER, NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 93 (1): 21-26. 1977. SFA 23(3)

71-006638 Jacquaz, B.; Able, K. W. and Leggett, W. C. SEASONAL DISTRIBUTION, ABUNDANCE, AND GROWTH OF LARVAL CAPELIN (/MALLOTUS VILLOSUS/) IN THE ST. LAWRENCE ESTUARY AND NORTHWESTERN GULF OF ST. LAWRENCE. *J. Fish. Res. Board Can.* 34 (11): 2015-2029. Nov. 1977. In English with French summ. SFA 23(1)

71-006639 Jakobsen, T. MERKEFORSOK MED SEI PA VESTLANDET SOR FOR STAD 1972-1974. [SAITHE TAGGING EXPERIMENTS ON THE NORWEGIAN WEST COAST SOUTH OF 62°N, 1972-1974.] *Fisken Havet* 1978(3):15-30. 1978. In Norwegian with English summ. SFA 24(3)

71-006640 Jakobsen, T. MERKEFORSOK MED SEI I NORD-NORGE NORD FOR LOFOTEN 1970-1974. [SAITHE TAGGING EXPERIMENTS IN NORTHERN NORWAY NORTH OF 68°N, 1970-1974.] *Fisken Havet* 1978(3):42-56. 1978. In Norwegian with English summ. SFA 24(3)

71-006641 Jakobsen, T. MERKEFORSOK MED SEI PA STREKNINGEN MORE-SALTEN 1971-1974. [SAITHE TAGGING EXPERIMENTS ON THE NORWEGIAN COAST BETWEEN 62°N AND 67°N, 1971-1974.] *Fisken Havet* 1978(3):31-41. 1978. In Norwegian with English summ. SFA 24(3)

71-006642 Jakobsen, T. MERKEFORSOK MED SEI PA SUNNMORE I NOVEMBER-DESEMBER 1974. [SAITHE TAGGING EXPERIMENTS ON THE NORWEGIAN COAST AT 62°30'N IN NOVEMBER-DECEMBER 1974.] *Fisken Havet* 1978(3):57-68. 1978. In Norwegian with English summ. SFA 24(3)

71-006643 Jellyman, D. J. UPSTREAM MIGRATION OF GLASS-EELS (/ANGUILLA/ SPP.) IN THE WAIKATO RIVER. *N.Z. J. Mar. Freshwater Res.* 13(1):13-22. 1979. SFA 25(1)

71-006644 Jellyman, D. J. INVASION OF A NEW ZEALAND FRESHWATER STREAM BY GLASS-EELS OF TWO /ANGUILLA/ SPP. *N.Z. J. Mar. Freshwater Res.* 11 (2): 193-209. June 1977. SFA 23(2)

71-006645 Jellyman, D. J. SUMMER UPSTREAM MIGRATION OF JUVENILE FRESHWATER EELS IN NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 11 (1): 61-71. Mar. 1977. SFA 23(1)

71-006646 Jessop, B. M. DISTRIBUTION AND TIMING OF TAG RECOVERIES FROM NATIVE AND NONNATIVE ATLANTIC SALMON (/SALMO SALAR/) RELEASED INTO BIG SALMON RIVER, NEW BRUNSWICK. *J. Fish, Res. Board Can.* 33 (4,1): 829-833. Apr. 1976. In English with French summ. SFA 21(2).

71-006647 Johnsen, P. B. and Hasler, A. D. WINTER AGGREGATIONS OF CARP (/CYPRINUS CARPIO/) AS REVEALED BY ULTRASONIC TRACKING. *Trans. Am. Fish. Soc.* 106 (6): 556-559. Nov. 1977. SFA 23(2)

71-006648 Kawamura, H. [BAIT ORGANISMS, HABIT AND SEAWARD MIGRATION OF CHUM SALMON FRY DURING THE LIBERATED PERIOD IN THE UTABETSU RIVER.] *Sci. Rep. Hokkaido Fish Hatchery* 33: 27-44. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-006649 Kaya, C. M.; Kaeding, L. R. and Burkhalter, D. E. USE OF A COLD-WATER REFUGE BY RAINBOW AND BROWN TROUT IN A GEOTHERMALLY HEATED STREAM. *Prog. Fish-Cult.* 39 (1): 37-39. Jan. 1977. SFA 22(2)

71-006650 Kelley, D. BASS POPULATIONS AND MOVEMENTS ON THE WEST COAST OF THE U.K. *J. Mar. Biol. Assoc. U.K.* 59(4):889-936. Nov. 1979. SFA 25(2)

71-006651 Kelso, J. R. M. DIEL MOVEMENT OF WALLEY, /STIZOSTEDION VITREUM VITREUM/, IN WEST BLUE LAKE, MANITOBA, AS DETERMINED BY ULTRASONIC TRACKING. *J. Fish. Res. Board Can.* 33 (9): 2070-2072. Sept. 1976. In English with French summ. 21(3).

71-006652 Komorov, I. P.; Komarov, P. V. and Deniskin, P. G. A STUDY OF BLOOD SESRUM PROTEIN FRACTIONS IN SOME CYPRINIDAE OF THE VOLGA DELTA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):344-346. 1975. SFA 21(3)

71-006653 Kriete, W. H., Jr.; J. V. Merriner and H. M. Austin. MOVEMENT OF 1970 YEARCLASS STRIPED BASS BETWEEN VIRGINIA, NEW YORK, AND NEW ENGLAND. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:692-696. 1978[1979]. SFA 25(2)

71-006654 Kuronuma, K. and Yamashita, M. MILKFISH FRY IN EASTERN COAST OF VIETNAM. *J. Oceanogr. Soc. Jpn., 20th Anniv. Vol.* 679-686. 1962. SFA 22(3)

71-006655 LaBar, G. W.; McCleave, J. D. and Fried, S. M. SEAWARD MIGRATION OF HATCHERY-REARED ATLANTIC SALMON (/SALMO SALAR/) SMOLTS IN THE PENOBSCOT RIVER ESTUARY, MAINE: OPEN-WATER MOVEMENTS. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 257-269. Nov. 1978. SFA 24(2)

71-006656 Lantz, K. E. and Carver, D. C. DISPERSAL OF TOURNAMENT CAUGHT BASS FROM A CENTRAL RELEASE POINT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:115-118. 1975[1976]. SFA 22(3)

71-006657 Laurs, R. M. and Lynn, R. J. SEASONAL MIGRATION OF NORTH PACIFIC ALBACORE, /THUNNUS ALALUNGA/, INTO NORTH AMERICAN COASTAL WATERS: DISTRIBUTION, RELATIVE ABUNDACE, AND ASSOCIATION WITH TRANSITION ZONE WATERS. *NOAA Fish. Bull.* 75 (4): 795-822. Oct. 1977. SFA 23(2)

71-006658 Laurs, R. M.; Yuen, H. S. H. and Johnson, J. H. SMALL-SCALE MOVEMENTS OF ALBACORE, /THUNNUS ALALUNGA/, IN RELATION TO OCEAN FEATURES AS INDICATED BY ULTRASONIC TRACKING AND OCEANOGRAPHIC SAMPLING. *NOAA Fish. Bull.* 75(2):347-355. Apr. 1977. SFA 22(3)

71-006659 Leclerc, J. and G. Power. LACK OF MOVEMENT OF BROOK CHARR AND OUANANICHE IN THE CANIAPISCAU RIVER, NORTHERN QUEBEC. *Environ. Biol. Fishes* 5(1):71-74. 30 Jan. 1980. SFA 25(3)

71-006660 Leggett, W. C. OCEAN MIGRATION RATES OF AMERICAN SHAD (/ALOSA SAPIDISSIMA/). *J. Fish. Res. Board Can.* 34 (9): 1422-1426. Sept. 1977. In English with French summ. SFA 22(4)

71-006661 Leyzerovich, Kh. A. and M. N. Mel'nikova. THE SEAWARD MIGRATION OF DWARF MALES OF THE ATLANTIC SALMON, *SALMO SALAR*, AND THEIR RETURN TO THE RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):164-167. 1979. SFA 25(3)

71-006662 Lindenberg, J. G. SEASONAL DEPTH DISTRIBUTION OF LANDLOCKED ALEWIVES, /ALOSA PSEUDOHARENGUS/ (WILSON), IN A SHALLOW, EUTROPHIC LAKE. *Trans. Am. Fish. Soc.* 105 (3): 395-399. May 1976. SFA 21(3).

71-006663 Loeb, V. J. VERTICAL DISTRIBUTION AND DEVELOPMENT OF LARVAL FISHES IN THE NORTH PACIFIC CENTRAL GYRE DURING SUMMER. *NOAA Fish. Bull.* 77(4):777-793. 1980. SFA 25(4)

71-006664 Love, M. S. ISOLATION OF OLIVE ROCKFISH, *SEBASTES SERRANOIDES*, POPULATIONS OFF SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 77(4):975-983. 1980. SFA 25(4)

71-006665 Maeda, T.; T. Takahashi and M. Ueno. [ECOLOGICAL STUDIES ON THE ALASKA POLLACK IN THE ADJACENT WATERS OF THE FUNKA BAY, HOKKAIDO--III. SEASONAL VARIATIONS OF HYDROGRAPHIC CONDITIONS]. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1137-1142. Sept. 1979. In Japanese with English summ. SFA 25(2)

71-006666 Manion, P. J. DOWNSTREAM MOVEMENT OF FISH IN A TRIBUTARY OF SOUTHERN LAKE SUPERIOR. *Prog. Fish-Cult.* 39(1):14-16. Jan. 1977. SFA 22(2)

71-006667 Markle, D. F. THE SEASONALITY OF AVAILABILITY AND MOVEMENTS OF FISHES IN THE CHANNEL OF THE YORK RIVER, VIRGINIA. *Chesapeake Sci.* 17(1):50-55. Mar. 1976. SFA 21(2).

71-006668 Marliave, J. B. A THEORY OF STORM-INDUCED DRIFT DISPERSAL OF THE GASTEROSTEID FISH /AULORHYNCHUS FLAVIDUS/. *Copeia.* 1976 (4): 794-796. 30 Dec. 1976. SFA 22(2)

71-006669 May, B. E. and Gloss, S. P. DEPTH DISTRIBUTION OF LAKE POWELL FISHES. *Utah State Div. Wildl. Resour. Publ.* No. 78-1. ii + 19p. 1979. SFA 24(3)

71-006670 McBride, D. N. HOMING OF ARCTIC CHAR, *SALVELINUS ALPINUS* (LINNAEUS) TO FEEDING AND SPAWNING SITES IN THE WOOD RIVER LAKE SYSTEM, ALASKA. *Alaska Dep. Fish Game Inf. Leafl.* No. 184. iv + 23p. Mar. 1980. SFA 25(3)

71-006671 McCall, T. C. MOVEMENT OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, IN CHOLLA LAKE, ARIZONA, AS DETERMINED BY ULTRASONIC TRACKING. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 359-366. July 1977. SFA 23(3)

71-006672 McCleave, J. D. RHYTHMIC ASPECTS OF ESTUARINE MIGRATION OF HATCHERY-REARED ATLANTIC SALMON (/SALMO SALAR/) SMOLTS. *J. Fish Biol.* 12(6):559-570. June 1978. SFA 23(4)

71-006673 McCleave, J. D.; LaBar, G. W. and Kircheis, F. W. WITHIN-SEASON HOMING MOVEMENTS OF DISPLACED MATURE SUNAPEE TROUT (SALVELINUS ALPINUS/) IN FLOODS POND, MAINE. *Trans. Am. Fish. Soc.* 106 (2): 156-162. Mar. 1977. SFA 22(3)

71-006674 McCleave, J. D.; Fried, S. M. and Towt, A. K. DAILY MOVEMENTS OF SHORTNOSE STURGEON, /ACIPENSER BREVIROSTRUM/, IN A MAINE ESTUARY. *Copeia* 1977 (1): 149-157. 16 Mar. 1977. SFA 22(3)

71-006675 Monaghan, J. P., Jr. TAGGING STUDIES OF SOME NEAR-SHORE REEF FISHES IN ONSLOW BAY, NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 95(2):81. 1979. Abstract only. SFA 25(4)

71-006676 Nakamura, R. TEMPERATURE AND THE VERTICAL DISTRIBUTION OF TWO TIDEPOOL FISHES (/OLIGOCOTTUS MACULOSUS/, /O. SNYDERI/). *Copeia* 1976(1):143-152. 12 Mar. 1976. SFA 21(1).

71-006677 Neves, R. J. and Depres, L. THE OCEANIC MIGRATION OF AMERICAN SHAD, /ALOSA SAPIDISSIMA/, ALONG THE ATLANTIC COAST. *NOAA Fish. Bull.* 77 (1): 199-212. Jan. 1979. SFA 24(3)

71-006678 Nixon, D. E. and Miller, R. L. MOVEMENTS OF GRASS CARP, /CTENOPHARYNGODON IDELLA/, IN AN OPEN RESERVOIR SYSTEM AS DETERMINED BY UNDERWATER TELEMETRY. *Trans. Am. Fish. Soc.* 107 (1): 146-148. Jan. 1978. SFA 23(3)

71-006679 Noble, A. ENTRY OF THE SMALL-SIZED MACKEREL, /RASTRELLIGER KANAGURTA/ (CUVIER) INTO THE COCHIN BACKWATER DURING THE MONSOON SEASON. *Indian J. Fish.* 21(1):272-274. 1974. SFA 23(2)

71-006680 Nolan, R. S. THE ECOLOGY OF PATCH REEF FISHES. *Ph.D. dissertation, Univ. Calif. (San Diego)* 246p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-006681 Ogawa, Y. and T. Nakahara. MODE OF SPATIAL DISTRIBUTION OF PELAGIC FISH WITHIN THE COASTAL FISHING GROUND IN THE SOUTHWESTERN JAPAN SEA. *Jpn. J. Ecol.* 30(1):31-43. Mar. 1980. In English with Japanese summ. SFA 25(3)

71-006682 Okata, A. ECOLOGICAL STUDIES ON THE BIOLOGICAL PRODUCTION OF YOUNG AMBERFISH COMMUNITY IN THE SENDAE BAY--IV. SOJOURNING PERIOD OF FISH SCHOOL. *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 689-699. June 1977. SFA 22(4)

71-006683 Parsons, J.; Vickers, K. U. and Warden, Y. RELATIONSHIP BETWEEN ELVER RECRUITMENT AND CHANGES IN THE SEX RATIO OF SILVER EELS /ANGUILLA ANGUILLA/ L. MIGRATING FROM LOUGH NEAGH, NORTHERN IRELAND. *J. Fish Biol.* 10 (3): 211-229. Mar. 1977. SFA 22(3)

71-006684 Pavlov, D. S.; Pakhorukov, A. M.; Kuragina, G. N.; Nezdoliy, V. K.; Nekrasova, N. P.; Brodskiy, D. A. and Ersler, A. L. SOME FEATURES OF THE DOWNSTREAM MIGRATIONS OF JUVENILE FISHES IN THE VOLGA AND KUBAN RIVERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 363-374. 1977. SFA 23(3)

71-006685 Peden, A. E. and Edwards, J. C. PERMANENT RESIDENCE IN FRESH WATER OF A LARGE CHUM SALMON (/ONCORHYNCHUS KETA/). *Syesis* 9: 363. 1976. SFA 22(4)

71-006686 Peterson, D. C. and Myhr, A. I. III. ULTRASONIC TRACKING OF SMALLMOUTH BASS IN CENTER HILL RESERVOIR, TENNESSEE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:618-624. 1977[1979]. SFA 24(4)

71-006687 Poddubnyy, A. G.; Malinin, L. K. and Svirskiy, A. M. BEHAVIOR OF THE SEVRYUGA [/ACIPENSER STELLATUS/] BELOW FEDEROVSKAYA DAM ON THE KUBAN RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):776-783. 1974. SFA 21(2).

71-006688 Powles, H. LARVAL DISTRIBUTIONS AND RECRUITMENT HYPOTHESES FOR SNAPPERS AND GROUPERS OF THE SOUTH ATLANTIC BIGHT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:362-371. 1977[1979]. SFA 24(4)

71-006689 Pristas, P. J.; Levi, E. J. and Dryfoos, R. L. ANALYSIS OF RETURNS OF TAGGED GULF MENHADEN. *NOAA Fish. Bull.* 74(1):112-117. Jan. 1976. SFA 21(1).

71-006690 Quinn, N. J. ANALYSIS OF TEMPORAL CHANGES IN THE FISH ASSEMBLAGES IN SERPENTINE CREEK, QUEENSLAND. *Environ. Biol. Fishes* 5(2):117-133. 22 Apr. 1980. SFA 25(3)

71-006691 Quinn, T.; Esch, G. W.; Hazen, T. C. and Gibbons, J. W. LONG RANGE MOVEMENT AND HOMING BY LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) IN A THERMALLY ALTERED RESERVOIR. *Copeia* 1978 (3): 542-545. 10 Aug. 1978. SFA 23(4)

71-006692 Rainwater, C. L. AN ECOLOGICAL STUDY OF MIDWATER FISHES IN SANTA CATALINA BASIN, OFF SOUTHERN CALIFORNIA, USING CLUSTER ANALYSIS. *Ph.D. dissertation, Univ. South. Calif.* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-006693 Ramamohana Rao, G. and Kaliyamurthy, M. A NOTE ON THE ABUNDANCE AND DISTRIBUTION OF JUVENILES OF TWO BELONIFORM FISHES IN PULICAT LAKE. *Indian J. Anim. Sci.* 44(10):810-814. Oct. 1974. SFA 24(3)

71-006694 Rauck, G. TWO GERMAN PLAICE TAGGING EXPERIMENTS (1970) IN THE NORTH SEA. *Arch. Fischereiwiss.* 28 (1): 57-64. July 1977. In English with German summ. SFA 23(1)

71-006695 Reynolds, W. W. and Casterlin, M. E. DIEL ACTIVITY IN THE YELLOW BULLHEAD. *Prog. Fish-Cult.* 39 (3): 132-133. July 1977. SFA 22(4)

71-006696 Robins, C. R.; Cohen, D. M. and Robins, C. H. THE EELS, /ANGUILLA/ AND /HISTIOBRANCHUS/, PHOTOGRAPHED ON THE FLOOR OF THE DEEP ATLANTIC IN THE BAHAMAS. *Bull. Mar. Sci.* 29(3):401-405. July 1979. SFA 25(1)

71-006697 Romberg, G. P.; Spigarelli, S. A.; Prepejchal, W. and Thommes, M. M. MIGRATORY BEHAVIOR OF FISH TAGGED AT A NUCLEAR POWER PLANT DISCHARGE INTO LAKE MICHIGAN. *Proc. Conf. Great Lakes Res.* 17: 68-77. 1974. SFA 22(4)

71-006698 Ruggles, C. P. A REVIEW OF THE DOWNSTREAM MIGRATION OF ATLANTIC SALMON. *Can. Tech. Rep. Fish Aquatic Sci.* No. 952. ix + 39p. July 1980. In English with French summ. SFA 25(4)

71-006699 Sabins, D. S. and Truesdale, F. M. DIEL AND SEASONAL OCCURRENCE OF IMMATURE FISHES IN A LOUISIANA TIDAL PASS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 161-171. 1975. SFA 21(3).

71-006700 Sakamoto, I. ON THE ACTION MECHANISM OF THE OSMOTIC BALANCE REGULATED BY THE T-CL CHARACTER IN WATER MASSES UPON THE MOVEMENTS OF THE PELAGIC FISH SCHOOL. *J. Oceanogr. Soc. Jpn., 20th Anniv. Vol.* p. 650-662. 1962. SFA 22(3)

71-006701 Saunders, R. L. FIRST SALMON RETURNS TO NORTH AMERICAN SALMON RESEARCH CENTER. *N. Am. Salmon Res. Cent. Rep.* No. 1-1978. 4p. 1978. SFA 24(1)

71-006702 Sciarrotta, T. C. and Nelson, D. R. DIEL BEHAVIOR OF THE BLUE SHARK, /PRIONACE GLAUCA/, NEAR SANTA CATALINA ISLAND, CALIFORNIA. *NOAA Fish. Bull.* 75 (3): 519-528. July 1977. SFA 23(1)

71-006703 Serns, S. L. MOVEMENTS OF RAINBOW TROUT ACROSS A METALIMNION DEFICIENT IN DISSOLVED OXYGEN. *Prog. Fish-Cult.* 38(1):54. Jan. 1976. SFA 21(1).

71-006704 Shershnev, A. P. and A. I. Zhul'kov. FEATURES OF THE DOWNSTREAM MIGRATION OF YOUNG PINK SALMON AND SOME INDICES OF THE EFFICIENCY OF REPRODUCTION OF THE PINK SALMON; *ONCORHYNCHUS GORBUSCHA*, FROM PRITORNAYA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):114-119. 1979. SFA 25(3)

71-006705 Siebert, D. J. MOVIMENTOS DE TRES PECES EN ARAVAIPA CREEK, ARIZONA. [MOVEMENTS OF THREE FISHES IN ARAVAIPA CREEK, ARIZONA.] *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:48. 30 Jan. 1980. In English and Spanish. Abstract only. SFA 25(3)

71-006706 Simms, S. E. and Larkin, P. A. SIMULATION OF DISPERSAL OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) UNDERYEARLINGS IN BABINE LAKE. *J. Fish. Res. Board Can.* 34 (9): 1379-1388. Sept. 1977. In English with French summ. SFA 22(4)

71-006707 Sjöblom, V. and R. Parmanne. THE VERTICAL DISTRIBUTION OF BALTIC HERRING LARVAE (*CLUPEA HARENGUS* L.) IN THE GULF OF FINLAND. *Finn. Fish. Res.* 2:5-18. 1978. SFA 25(2)

71-006708 Sjöblom, V. and R. Parmanne. THE VERTICAL DISTRIBUTION OF BALTIC HERRING LARVAE (*CLUPEA HARENGUS* L.) IN THE GULF OF FINLAND. *Finn. Fish. Res.* 2:5-18. 1978. SFA 25(2)

71-006709 Sjoblom, V. and Parmanne, R. THE VERTICAL DISTRIBUTION OF BALTIC HERRING LARVAE IN THE GULF OF FINLAND. *Int. Counc. Explor. Sea* C.M. 1975/P:2. 12p. 1975. SFA 22(3)

71-006710 Skud, B. E. DRIFT, MIGRATION, AND INTERMINGLING OF PACIFIC HALIBUT STOCKS. *Int. Pac. Halibut Comm. Sci. Rep.* No. 63. 42p. 1977. SFA 23(2)

71-006711 Smith, W. G.; Sibunka, J. D. and Wells, A. DIEL MOVEMENTS OF LARVAL YELLOWTAIL FLOUNDER, /LIMANDA FERRUGINEA/, DETERMINED FROM DISCRETE DEPTH SAMPLING. *NOAA Fish. Bull.* 76 (1): 167-178. Jan. 1978. SFA 23(3)

71-006712 Solomon, D. J. and Templeton, R. G. MOVEMENTS OF BROWN TROUT /SALMO TRUTTA/ L. IN A CHALK STREAM. *J. Fish Biol.* 9 (5): 411-423. Nov. 1976. SFA 22(2)

71-006713 Sopuck, R. D. EMIGRATION OF JUVENILE RAINBOW TROUT IN CAYUGA INLET, NEW YORK. *N.Y. Fish Game J.* 25 (2): 108-120. July 1978. SFA 24(4)

71-006714 Southward, A. J. and B. McK. Bary. OBSERVATIONS ON THE VERTICAL DISTRIBUTION OF EGGS AND LARVAE OF MACKEREL AND OTHER TELEOSTS IN THE CELTIC SEA AND ON THE SAMPLING PERFORMANCE OF DIFFERENT NETS IN RELATION TO STOCK EVALUATION. *J. Mar. Biol. Assoc. U.K.* 60(2):295-311. May 1980. SFA 25(3)

71-006715 Standora, E. A. and Nelson, D. R. A TELEMETRIC STUDY OF THE BEHAVIOR OF FREE-SWIMMING PACIFIC ANGEL SHARKS, /SQUATINA CALIFORNICA/. *Bull. South. Calif. Acad. Sci.* 76 (1): 193-201. Oct. 1977. SFA 23(2)

71-006716 Stasko, A. B.; Horrall, R. M. and Hasler, A. D. COASTAL MOVEMENTS OF ADULT FRASER SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) OBSERVED BY ULTRASONIC TRACKING. *Trans. Am. Fish. Soc.* 105(1):64-71. Jan. 1976. SFA 21(1).

71-006717 Stauffer, J. R., Jr.; Dickson, K. L.; Cairns, J., Jr.; Calhoun, W. F.; Masnik, M. T. and Myers, R. H. SUMMER DISTRIBUTION OF FISH SPECIES IN THE VICINITY OF A THERMAL DISCHARGE NEW RIVER, VIRGINIA. *Arch. Hydrobiol.* 76(3):287-301. Nov. 1975. In English with German summ. SFA 22(3)

71-006718 Stevens, J. D. FIRST RESULTS OF SHARK TAGGING IN THE NORTH-EAST ATLANTIC, 1972-1975. *J. Mar. Biol. Assoc. U. K.* 56 (4): 929-937. Nov. 1976. SFA 22(3)

71-006719 Stooksbury, S. STRIPERS: ON THE MOVE. *Tenn. Wildl.* 2 (5): 14-17. Mar.-Apr. 1979. SFA 24(3)

71-006720 Storck, T. W.; Dufford, D. W. and Clement, K. T. THE DISTRIBUTION OF LIMNETIC FISH LARVAE IN A FLOOD CONTROL RESERVOIR IN CENTRAL ILLINOIS. *Trans. Am. Fish. Soc.* 107 (3): 419-424. May 1978. SFA 23(4)

71-006721 Storr, J. F. TAGGING YELLOW PERCH IN LAKE ONTARIO. *Underwater Nat.* 11 (1): 8-11. May 1978. SFA 23(4)

71-006722 Tanaka, S. MIGRATION MODEL AND POPULATION DYNAMICS OF LARGE-SIZED YELLOWTAILS IN THE PACIFIC OCEAN ALONG THE JAPANESE COAST INFERRED FROM TAGGING EXPERIMENTS--I. SAME YEAR RECAPTURES. *Bull. Jpn. Soc. Sci. Fish.* 45(3):297-303. Mar. 1979. SFA 24(4)

71-006723 Templeman, W. TRANSATLANTIC MIGRATIONS OF SPINY DOGFISH (/SQUALUS ACANTHIAS/). *J. Fish. Res. Board Can.* 33 (11): 2605-2609. Nov. 1976. In English with French summ. SFA 21(4).

71-006724 Terry, C. B. and Stephens, J. S., Jr. A STUDY OF THE ORIENTATION OF SELECTED EMBIOTOCID FISHES TO DEPTH AND SHIFTING SEASONAL VERTICAL TEMPERATURE GRADIENTS. *Bull. South. Calif. Acad. Sci.* 75 (2): 170-183. Aug. 1976. SFA 22(2)

71-006725 Thorpe, J. E. and Morgan, R. I. G. PERIODICITY IN ATLANTIC SALMON /SALMO SALAR/ L. SMOLT MIGRATION. *J. Fish Biol.* 12 (6): 541-548. June 1978. SFA 23(4)

71-006726 Toivonen, J. and Tuhkunen, A. MIGRATION OF SEA TROUT ALONG THE COASTAL WATERS OF FINLAND ON THE BASIS OF TAGGING EXPERIMENTS. *Int. Counc. Explor. Sea* C.M. 1975/M:3. 13p. 1975. SFA 22(3)

71-006727 Trujillo, H. DISTRIBUCION DE LA SARDINA (/SARDINELLA ANCHOVIA/) SEGUN RESULTADOS DE LAS PROSPECCIONES AREAS REALIZADAS EN EL ORENTE VENEZOLANO ENERO-MAYO 1975. [DISTRUBITION OF THE SARDINE (/SARDINELLA ANCHOVIA/) ACCORDING TO RESULTS OF AERIAL SURVEYS IN EASTERN VENEZUELA JANUARY-MAY 1975.] *Venez. Minist. Agric. Cria Inf. Tech.* no. 66. 28p. 1976. In Spanish with English summ. SFA 21(2).

71-006728 Tsukamoto, K.; S. Masuda; Y. Mori; and T. Kajihara. [DISPERSION OF AYU JUVENILES IN THE TSUBUSA RIVER--III. COMPARISON BETWEEN HATCHERY-REARED AYU AND WILD AYU.] *Bull. Jpn. Soc. Sci. Fish.* 45(11):1365-1370. In Japanese with English summ. SFA 25(2)

71-006729 Tsukamoto, K.; Kajihara, T.; Masuda, S. and Mori, Y. [DIPSERSION OF AYU JUVENILES IN THE TSUBUSA RIVER--II. DISPERSION AND RECAPTURE.] *Bull. Jpn. Soc. Sci. Fish.* 44 (9): 961-964. Sept. 1978. In Japanese with English summ. SFA 24(1))

71-006730 Tsuruta, Y. FIELD OBSERVATIONS ON THE IMMIGRATION OF LARVAL STONE FLOUNDER INTO THE NURSERY GROUND. *Tohoku J. Agric. Res.* 29 (3-4): 136-145. Dec. 1978. SFA 24(4)

71-006731 Tuberville, J. D. VERTICAL DISTRIBUTION OF ICHTHYOPLANKTON IN UPPER NICKAJACK RESERVOIR, TENNESSEE, WITH COMPARISON OF THREE SAMPLING METHODOLOGIES. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 185-203. 1979. SFA 24(3)

71-006732 Turuk, T. N. FATNESS AND VERTICAL MIGRATIONS OF THE ATLANTIC COD (/GADUS MORHUA MORHUA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):977-982. 1974. SFA 21(2).

71-006733 Tytler, P.; Machin, D.; Holliday, F. G. T. and Priede, I. G. A COMPARISON OF THE PATTERNS OF MOVEMENT BETWEEN INDIGENOUS AND DISPLACED BROWN TROUT (/SALMO TRUTTA/ L) IN A SMALL SHALLOW LOCH. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 76 (4): 245-268. 1978. SFA 24(2)

71-006734 Tytler, P.; Thorpe, J. E. and Shearer, W. M. ULTRASONIC TRACKING OF THE MOVEMENTS OF ATLANTIC SALMON SMOLTS (/SALMO SALAR/ L.) IN THE ESTUARIES OF TWO SCOTTISH RIVERS. *J. Fish Biol.* 12 (6): 575-586. June 1978. SFA 23(4)

71-006735 Van den Avyle, M. J. ANALYSIS OF SEASONAL DISTRIBUTION PATTERNS OF YOUNG LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) BY USE OF FREQUENCY-OF-CAPTURE DATA. *J. Fish. Res. Board Can.* 33(11):2427-2432. Nov. 1976. In English with French summ. SFA 21(4).

71-006736 Van Guelpen, L. and Davis, C. C. SEASONAL MOVEMENTS OF THE WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/, IN TWO CONTRASTING INSHORE LOCATIONS IN NEWFOUNDLAND. *Trans. Am. Fish. Soc.* 108 (1): 26-37. Jan. 1979. SFA 24(3)

71-006737 Vareschi, E. THE ECOLOGY OF LAKE NAKURU (KENYA). II. BIOMASS AND SPATIAL DISTRIBUTION OF FISH (/TILAPIA GRAHAMI/ BOULENGER = /SAROTHERODON ALCALICUM GRAHAMI/ BOULENGER). *Oecologia (Berl.)* 37 (3): 321-335. 2 Jan. 1979. SFA 24(2)

71-006738 Vigg, S. SEASONAL BENTHIC DISTRIBUTION OF ADULT FISH IN PYRAMID LAKE, NEVADA. *Calif. Fish Game* 66(1):49-58. Jan. 1980. SFA 25(2)

71-006739 Vigg, S. VERTICAL DISTRIBUTION OF ADULT FISH IN PYRAMID LAKE, NEVADA. *Great Basin Nat.* 38 (4): 417-428. 31 Dec. 1978. SFA 24(3)

71-006740 Williams, R. O. and R. G. Taylor. THE EFFECT OF WATER TEMPERATURE AND WINTER AIR TEMPERATURE ON THE SPRINGTIME MIGRATIONS OF KING MACKEREL IN THE VICINITY OF TAMPA BAY, FLORIDA. *Fla. Sci.* 43(Suppl. 1):26. 1980. Abstract only. SFA 25(2)

71-006741 Winter, J. D. MOVEMENTS AND BEHAVIOR OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) AND STEELHEAD (/SALMO GAIRDNERI/) DETERMINED BY RADIO TELEMETRY. *Ph. D. dissertation, Univ. Minn.* 200p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(12), 1977. SFA 22(3)

71-006742 Winter, J. D. SUMMER HOME RANGE MOVEMENTS AND HABITAT USE BY FOUR LARGEMOUTH BASS IN MARY LAKE, MINNESOTA. *Trans. Am. Fish. Soc.* 106 (4): 323-330. July 1977. SFA 22(4)

71-006743 Winters, G. H. MIGRATIONS AND ACTIVITY LEVELS OF OVERWINTERING ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/) ALONG SOUTHWEST NEWFOUNDLAND. *J. Fish. Res. Board Can.* 34 (12): 2396-2401. Dec. 1977. In English with French summ. SFA 23(2)

71-006744 Wohlschlag, D. E. DISTRIBUTION AND ABUNDANCE OF SOUTH TEXAS OUTER CONTINENTAL SHELF BENTHIC FISHES. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-006745 Wolfert, D. R. and Van Meter, H. D. MOVEMENTS OF WALLEYES TAGGED IN EASTERN LAKE ERIE. *N.Y. Fish Game J.* 25 (1): 16-22. Jan. 1978. SFA 23(2)

71-006746 Woolcott, W. S. and Maurakis, E. G. THE SEASONAL DISTRIBUTION OF THREE MINNOWS (CYPRINIDAE) IN A PIEDMONT SECTION OF THE JAMES RIVER, VIRGINIA. *Va. J. Sci.* 27 (2): 52. 1976. Abstract only. SFA 21(4)

71-006747 Yakupzack, P. M.; Herke, W. H. and Perry, W. G. EMIGRATION OF JUVENILE ATLANTIC CROAKERS, /MICROPOGON UNDULATUS/, FROM A SEMI-IMPOUNDED MARSH IN SOUTHWESTERN LOUISIANA. *Trans. Am. Fish. Soc.* 106 (6): 538-544. Nov. 1977. SFA 23(2)

FOODS/FEEDING

71-006748 Adalsteinsson, H. SIZE AND FOOD OF ARCTIC CHAR /SALVELINUS APLINUS/ AND STICKLEBACK /GASTEROSTEUS ACULEATUS/ IN LAKE MYVATN. *Oikos* 32(1/2):228-231. 1979. In English with Russian summ. SFA 25(1)

71-006749 Adams, S. M. FEEDING ECOLOGY OF EELGRASS FISH COMMUNITIES. *Trans. Am. Fish. Soc.* 105(4):514-519. July 1976. SFA 21(4).

71-006750 Adamson, S. W. and Wissing, T. E. FOOD HABITS AND FEEDING PERIODICITY OF THE RAINBOW, FANTAIL, AND BANDED DARTERS IN FOUR MILE CREEK. *Ohio J. Sci.* 77 (4): 164-169. July-Aug. 1977. SFA 22(4)

71-006751 Adzhimuradov, K. A. THE FEEDING OF JUVENILE BREAM, /ABRAMIS BRAMA ORIENTALIS/, IN THE EARLY DEVELOPMENT STANZAS IN THE ARAKUM REGION (TEREK DELTA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 903-907. 1977. SFA 24(1)

71-006752 Ager, L. A. MONTHLY FOOD HABITS OF VARIOUS SIZE GROUPS OF BLACK CRAPPIE IN LAKE OKEECHOBEE. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:336-342. 1975[1976]. SFA 22(3)

71-006753 Al-Daham, N. K.; Sarker, A. L. and Bhatti, M. N. DIEL PATTERNS OF FEEDING IN /HETEROPNEUSTES FOSSILIS/ FROM SOUTHERN IRAQ. *Trans. Am. Fish. Soc.* 106 (6): 614-616. Nov. 1977. SFA 23(2)

71-006754 Albertova, O. POTRAVA PSTRUHA OBECNEHO A PSTRUHA DUHOVEHO VE VODARENSKE UDOLNI NADRZI HUBENOV. [THE FOOD OF BROWN AND RAINBOW TROUT IN THE WATER-SUPPLY RESERVOIR HUBENOV.] *Vertebr. Zpravy* 1978: 69-74. 1978. In Czech with English summ. SFA 24(3)

71-006755 Alevizon, W. S. COMPARATIVE FEEDING ECOLOGY OF A KELP-BED EMBIOTOCID (/EMBIOTOCA LATERALIS/). *Copeia* 1975(4):608-615. 31 Dec. 1975. SFA 21(1).

71-006756 Alexander, G. R. CONSUMPTION OF SMALL TROUT BY LARGE PREDATORY BROWN TROUT IN THE NORTH BRANCH OF THE AU SABLE RIVER, MICHIGAN. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1855. 26p. 8 Dec. 1977. SFA 23(4)

71-006757 Allan, J. D. TROUT PREDATION AND THE SIZE COMPOSITION OF STREAM DRIFT. *Limnol. Oceanogr.* 23 (6): 1231-1237. Nov. 1978. SFA 24(2)

71-006758 Andersson, G.; Berggren, H.; Cronberg, G. and Gelin, C. EFFECTS OF PLANKTIVOROUS AND BENTHIVOROUS FISH ON ORGANISMS AND WATER CHEMISTRY IN EUTROPHIC LAKES. *Hydrobiologia* 59 (1): 9-15. 17 May 1978. SFA 23(4)

71-006759 Angermeier, P. L. COMPETITION FOR FOOD WITHIN A GUILD OF ILLINOIS STREAM FISHES. *Bull. Ecol. Soc. Am.* 60 (2): 112. June 1979. Abstract only. SFA 24(4)

71-006760 Anker, G. Ch. ANALYSES OF RESPIRATION AND FEEDING MOVEMENTS OF THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *Neth. J. Zool.* 28 (3,4): 485-523. Sept.-Dec. 1978. SFA 24(2)

71-006761 Appelbaum, S. DAS FRESSVERHALTEN VON KARPFENLARVEN UND DIE MOEGLICHKEIT SIE AN TROCKENFUTTER ZU GEWOEHNEN. [THE FEEDING BEHAVIOUR OF CARP LARVAE AND THE POSSIBILITY OF ADAPTING THEM TO ARTIFICIAL FOOD.] *Arch. Fischereiwiss.* 27(2):133-141. Nov. 1976. In German with English summ. SFA 22(1)

71-006762 Appelbaum, S. VERHALTENSSTUDIE ZUR FUTTERAUFNAHME VON LARVEN DER KLEINEN MARANE (/COREGONUS ALBULA/ (L.)). [BEHAVIOURAL STUDY OF FOOD INTAKE OF /COREGONUS ALBULA/ (L.) FRY.] *Arch. Fischereiwiss.* 29 (1/2): 85-91. June 1978. In German with English summ. SFA 23(4)

71-006763 Applegate, R. L. and Kruckenberg, W. L. FIRST-YEAR GROWTH AND FOOD OF LARGEMOUTH BASS IN A SOUTH DAKOTA BORROW PIT STOCKED WITH FATHEAD MINNOWS. *Prog. Fish-Cult.* 40 (1): 7-8. Jan. 1978. SFA 23(2)

71-006764 Arawomo, G. A. O. FOOD AND FEEDING OF THREE /CITHARINUS/ SPECIES IN LAKE KAINJI, NIGERIA. *J. Fish Biol.* 9 (1): 3-10. July 1976. SFA 22(1)

71-006765 Arendarenko, G. A. and Zabolotskiy, A. A. FEEDING OF THE RAINBOW TROUT, /SALMO GAIRDNERI/, IN LAKE KHOSHKIN'YARVI (KARELIAN ASSR). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 153-157. 1976. SFA 22(3)

71-006766 Armitage, T. M. and W. S. Alevizon. THE DIET OF THE FLORIDA POMPANO (*TRACHINOTUS CAROLINUS*) ALONG THE EAST COAST OF CENTRAL FLORIDA. *Fla. Sci.* 43(1):19-26. 1980. SFA 25(3)

71-006767 Arnemo, R.; C. Puke and N. G. Steffner. FEEDING DURING THE FIRST WEEKS OF YOUNG SALMON IN A POND. *Arch. Hydrobiol.* 89(1-2):265-273. 1980. In English with Russian summ. SFA 25(4)

71-006768 Arthur, D. K. FOOD AND FEEDING OF LARVAE OF THREE FISHES OCCURRING IN THE CALIFORNIA CURRENT, /SARDINOPS SAGAX/, /ENGRAULIS MORDAX/, AND /TRACHURUS SYMMETRICUS/. *NOAA Fish. Bull.* 74 (3): 517-530. July 1976. SFA 21(3).

71-006769 Axell, M-B. FEEDING OF COD IN THE ÅLAND SEA AND ITS INFLUENCE ON THE STOCKS OF HERRING AND SPRAT. *Int. Counc. Explor. Sea.* C.M. 1979/J:22. 8p. 1979. In Finnish with English summ. SFA 25(2)

71-006770 Bagge, O. MEAL SIZE AND DIGESTION IN COD (/GADUS MORRHUA/ L.) AND SEA SCORPION (/MYOXOCEPHALUS SCORPIUS/ L.). *Medd. Dan. Fisk.-Havunders.* 7:437-446. 1977. SFA 24(2)

71-006771 Bailey, K. and Dunn, J. SPRING AND SUMMER FOODS OF WALLEYE POLLOCK, /THERAGRA CHALCOGRAMMA/, IN THE EASTERN BERING SEA. *NOAA Fish. Bull.* 77 (1): 304-308. Jan. 1979. SFA 24(3)

71-006772 Bailey, W. H. PREDATOR-PREY RELATIONSHIPS IN SELECTED TEXAS RESERVOIRS. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:11-24. 1979[1978]. SFA 24(2)

71-006773 Baird, R. C.; Hopkins, T. L. and Wilson, D. F. DIET AND FEEDING CHRONOLOGY OF /DIAPHIS TAANINGI/ (MYCTOPHIDAE) IN THE CARIACO TRENCH. *Copeia* 1975(2):356-365. 23 May 1975. SFA 21(1).

71-006774 Bakanov, A. I. and L. N. Strizhnikova. ON THE RELATION BETWEEN CHANGES IN THE FOOD SUPPLY AND THE FEEDING OF THE EASTERN BREAM *ABRAMIS BRAMA ORIENTALIS*, IN THE VOLGA ARM OF RYBINSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):119-127. 1979. SFA 25(3)

71-006775 Baker-Dittus, A. M. FORAGING PATTERNS OF THREE SYMPATRIC KILLIFISH. *Copeia* 1978 (3): 383-389. 10 Aug. 1978. SFA 23(4)

71-006776 Baker, A. M. and Fraser, D. F. A METHOD FOR SECURING THE GUT CONTENTS OF SMALL, LIVE FISH. *Trans. Am. Fish. Soc.* 105 (4): 520-522. July 1976. SFA 21(4).

71-006777 Balirwa, J. S. A CONTRIBUTION TO THE STUDY OF THE FOOD OF SIX CYPRINID FISHES IN THREE AREAS OF THE LAKE VICTORIA BASIN, EAST AFRICA. *Hydrobiologia* 66(1):65-72. 15 Sept. 1979. SFA 25(1)

71-006778 Bargmann, G. G. INSTANCES OF COPPER ROCKFISH CONSUMING A SPINY DOGFISH SHARK. *Calif. Fish Game* 63 (3): 192. July 1977. SFA 23(1)

71-006779 Barwick, D. H. FOOD OF LARVAL BLACK CRAPPIES IN RELATION TO ELECTRICAL POWER GENERATION, KEOWEE RESERVOIR, SOUTH CAROLINA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:485-489. 1978[1979]. SFA 25(2)

71-006780 Bell, J. D. OBSERVATIONS ON THE DIET OF RED MORWONG, /CHEILODACTYLUS FUSCUS/ CASTELNAU (PISCES: CHEILODACTYLIDAE). *Aust. J. Mar. Freshwater Res.* 30 (1): 129-133. Feb. 1979. SFA 24(4)

71-006781 Bell, J. D.; Burchmore, J. J. and Pollard, D. A. FEEDING ECOLOGY OF A SCORPAENID FISH, THE FORTESCUE /CENTROPOGON AUSTRALIS/, FROM A /POSIDONIA/ SEAGRASS HABITAT IN NEW SOUTH WALES. *Aust. J. Mar. Freshwater Res.* 29 (2): 175-185. Apr. 1978. SFA 23(4)

71-006782 Bell, J. D.; Burchmore, J. J. and Pollard, D. A. FEEDING ECOLOGY OF THREE SYMPATRIC SPECIES OF LEATHERJACKETS (PISCES: MONACANTHIDAE) FROM A /POSIDONIA/ SEAGRASS HABITAT IN NEW SOUTH WALES. *Aust. J. Mar. Freshwater Res.* 29 (5): 631-643. Oct. 1978. SFA 24(2)

71-006783 Belman, B. W. and Anderson, M. E. AQUARIUM OBSERVATIONS ON FEEDING BY /MELANOSTIGMA PAMMELAS/ (PISCES: ZOARCIDAE). *Copeia* 1979 (2): 366-369. 18 May 1979. SFA 24(3)

71-006784 Beumer, J. P. FEEDING AND MOVEMENT OF /ANGUILLA AUSTRALIS/ AND /A. REINHARDTII/ IN MACLEODS MORASS, VICTORIA, AUSTALIA. *J. Fish Biol.* 14 (6): 573-592. June 1979. SFA 24(4)

71-006785 Beumer, J. P. FEEDING ECOLOGY OF FOUR FISHES FROM A MANGROVE CREEK IN NORTH QUEENSLAND, AUSTRALIA. *J. Fish Biol.* 12 (5): 475-490. May 1978. SFA 23(4)

71-006786 Beyer, J. E. FEEDING SUCCESS OF CLUPEOID FISH LARVAE AND STOCHASTIC THINKING. *Dana* 1:65-91. 1980. SFA 25(4)

71-006787 Bishop, J. M. and Miglarese, J. V. CARNIVOROUS FEEDING IN ADULT STRIPED MULLET. *Copeia* 1978 (4): 705-707. 28 Dec. 1978. SFA 24(2)

71-006788 Bisson, P. A. DIEL FOOD SELECTION BY TWO SIZES OF RAINBOW TROUT (/SALMO GAIRDNERI/) IN AN EXPERIMENTAL STREAM. *J. Fish. Res. Board Can.* 35 (7): 971-975. July 1978. In English with French summ. SFA 23(4)

71-006789 Blaber, S. J. M. THE BIOLOGY OF FILTER FEEDINC TELEOSTS IN LAKE ST LUCIA, ZULULAND. *J. Fish Biol.* 15(1):37-59. July 1979. SFA 25(1)

71-006790 Blaber, S. J. M. and Whitfield, A. K. THE FEEDING ECOLOGY OF JUVENILE MULLET (MUGILIDAE) IN SOUTH-EAST AFRICAN ESTUARIES. *Biol. J. Linn. Soc.* 9 (3): 277-284. Sept. 1977. SFA 23(2)

71-006791 Blaber, S. J. M. THE FEEDING ECOLOGY AND RELATIVE ABUNDANCE OF MULLET (MUGILIDAE) IN NATAL AND PONDOLAND ESTUARIES. *Biol. J. Linn. Soc.* 9(3):259-275. Sept. 1977. SFA 23(2)

71-006792 Blake, B. F. FOOD AND FEEDING OF THE MORMYRID FISHES OF LAKE KAINJI, NIGERIA, WITH SPECIAL REFERENCE TO SEASONAL VARIATION AND INTERSPECIFIC DIFFERENCES. *J. Fish Biol.* 11 (4): 315-328. Oct. 1977. SFA 23(1)

71-006793 Bogdanova, L. S. THE GROWTH AND DEVELOPMENT OF THE LARVAE OF THE KUBEN INCONNU, /STENODUS LEUCICHTHYS NELMA/, UNDER CONDITIONS OF VARYING TEMPERATURES AND FEEDING REGIMES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 582-590. 1977. SFA 23(4)

71-006794 Bohn, G. J. FOOD OF BLACK BASSES FROM EAST LYNN LAKE, WAYNE COUNTY, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 47 (3-4): 145-149. 1975. SFA 23(4)

71-006795 Bonner, M. J. DOES MELANISM MAKE THE MOSQUITOFISH, *GAMBUSIA AFFINIS HOLBROOKI*, MORE VULNERABLE TO PREDATION BY BLUEGILL SUNFISH, *LEPOMIS MACROCHIRUS*? *J. Elisha Mitchell Sci. Soc.* 95(2):123-124. 1979. Abstract only. SFA 25(4)

71-006796 Borodulina, O. D. THE FEEDING OF THE BIGEYE TUNA [/THUNNUS OBESUS/] IN THE GULF OF GUINEA AND ITS PLACE IN THE TROPHIC SYSTEM OF THE PELAGIC ZONE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):765-775. 1974. SFA 21(2).

71-006797 Bowen, S. H. BENTHIC DIATOM DISTRIBUTION AND GRAZING BY /SAROTHERODON MOSSAMBICUS/ IN LAKE SIBAYA, SOUTH AFRICA. *Freshwater Biol.* 8(5):449-453. Oct. 1978. SFA 24(2)

71-006798 Brambilla, D. J. LIFE HISTORIES AND SIZE SELECTIVE PREDATION IN /DAPHNIA PULEX/. *Ph.D. dissertation, Univ. Mich.* 211p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(5):2029. Nov. 1979. SFA 25(1)

71-006799 Bray, R. N. and Hixon, M. A. NIGHT-SHOCKER: PREDATORY BEHAVIOR OF THE PACIFIC ELECTRIC RAY (/TORPEDO CALIFORNICA/). *Science* 200 (4339): 333-334. 21 Apr. 1978. SFA 23(3)

71-006800 Brock, R. E. THE EFFECTS OF GRAZING BY PARROTFISHES (FAMILY SCARIDAE) ON SELECTED SHALLOW HAWAIIAN MARINE COMMUNITIES. *Ph. D. dissertation, Univ. Wash.* 186p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2502. Dec. 1979. SFA 25(2)

71-006801 Brook, I. M. TROPHIC RELATIONSHIPS IN A /THALASSIA/ COMMUNITY: FISH DIETS IN RELATION TO BENTHIC ABUNDANCE AND BIOMASS. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-006802 Brook, I. M. TROPHIC RELATIONSHIPS IN A SEAGRASS COMMUNITY (/THALASSIA TESTUDINUM/), IN CARD SOUND, FLORIDA. FISH DIETS IN RELATION TO MACROBENTHIC AND CRYPTIC FAUNAL ABUNDANCE. *Trans. Am. Fish. Soc.* 106 (3): 219-229. May 1977. SFA 22(4).

71-006803 Brownell, C. L. WATER QUALITY REQUIREMENTS FOR FIRST-FEEDING IN MARINE FISH LARVAE. II. pH, OXYGEN, AND CARBON DIOXIDE. *J. Exp. Mar. Biol. Ecol.* 44(2/3):285-298. 22 Apr. 1980. SFA 25(3)

71-006804 Brownell, C. L. WATER QUALITY REQUIREMENTS FOR FIRST-FEEDING IN MARINE FISH LARVAE. I. AMMONIA, NITRITE, AND NITRATE. *J. Exp. Mar. Biol. Ecol.* 44(2/3):269-283. 22 Apr. 1980. SFA 25(3)

71-006805 Bruton, M. N. THE FOOD AND FEEDING BEHAVIOUR OF /CLARIAS GARIEPINUS/ (PISCES: CLARIIDAE) IN LAKE SIBAYA, SOUTH AFRICA, WITH EMPHASIS ON ITS ROLE AS A PREDATOR OF CICHLIDS. *Trans. Zool. Soc. Lond.* 35 (1): 47-114. May 1979. SFA 24(3)

71-006806 Bruton, M. N. THE ROLE OF DIEL INSHORE MOVEMENTS BY /CLARIAS GARIEPINUS/ (PISCES: CLARIIDAE) FOR THE CAPTURE OF FISH PREY. *Trans. Zool. Soc. Lond.* 35 (1): 115-138. May 1979. SFA 24(3)

71-006807 Bryazgunova, M. I. FEEDING RELATIONSHIPS OF THE YOUNG OF THE PIKE-PERCH, *LUCIOPERCA LUCIOPERCA*, THE BREAM, *ABRAMIS BRAMA*, AND FISHES OF LESSER IMPORTANCE IN THE LOWER REACHES OF THE DON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):57-65. 1979. SFA 25(4)

71-006808 Buchanan, D. V.; R. M. Hooton and J. R. Moring. NORTHERN SQUAWFISH (*PTYCHOCHEILUS OREGONENSIS*) PREDATION ON JUVENILE SALMONIDS IN THE WILLAMETTE RIVER BASIN. *Oreg. Dep. Fish. Wildl. Inf. Rep. Ser. Fish.* No. 80-2. 15p. Mar. 1980. SFA 25(4)

71-006809 Budnichenko, V. A. THE FEEDING OF /SAURIDA UNDOSQUAMIS/ AND /SAURIDA TUMBIL/ (SYNODONTIDAE) ALONG THE OMAN COAST. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 267-272. 1974. SFA 21(2).

71-006810 Bulkley, R. V.; Spykermann, V. L. and Inmon, L. E. FOOD OF THE PELAGIC YOUNG OF WALLEYES AND FIVE COHABITING FISH SPECIES IN CLEAR LAKE, IOWA. *Trans. Am. Fish. Soc.* 105(1):77-83. Jan. 1976. SFA 21(1).

71-006811 Cadwallader, P. L.; A. K. Eden and R. A. Hook. ROLE OF STREAMSIDE VEGETATION AS A FOOD SOURCE FOR *GALAXIAS OLIDUS GÜNTHER* (PISCES: GALAXIIDAE). *Aust. J. Mar. Freshwater Res.* 31(2):257-262. Apr. 1980. SFA 25(4)

71-006812 Cadwallader, P. L. THE FOOD OF THE NEW ZEALAND COMMON RIVER GALAXIAS, /GALAXIAS VULGARIS/ STOKELL (PISCES: SALMONIFORMES). *Aust. J. Mar. Freshwater Res.* 26(1):15-30. Mar. 1976. SFA 21(4).

71-006813 Cadwallader, P. L. FEEDING RELATIONSHIPS OF GALAXIIDS, BULLIES, EELS AND TROUT IN A NEW ZEALAND RIVER. *Aust. J. Mar. Freshwater Res.* 26 (3): 299-316. Nov. 1975. SFA 21(4).

71-006814 Cadwallader, P. L. FEEDING HABITS OF TWO FISH SPECIES IN RELATION TO INVERTEBRATE DRIFT IN A NEW ZEALAND RIVER. *N. Z. J. Mar. Freshwater Res.* 9 (1): 11-26. Mar. 1975. SFA 21(3).

71-006815 Cadwallader, P. L. SPONTANEOUS LOCOMOTORY ACTIVITY OF /GALAXIAS VULGARIS/ STOKELL (PISCES: SALMONIFORMES). *N. Z. J. Mar. Freshwater Res.* 9(1):27-34. Mar. 1975. SFA 21(3).

71-006816 Cadwallader, P. L. OCCURRENCE OF GRAVEL IN THE STOMACHS OF TWO NEW ZEALAND STREAM-DWELLING FISH. *N. Z. J. Mar. Freshwater Res.* 9 (1): 101-103. Mar. 1975. SFA 21(3).

71-006817 Cannamela, D. A.; J. D. Brader and D. W. Johnson. FEEDING HABITS OF CATFISHES IN BARKLEY AND KENTUCKY LAKES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:686-691. 1978[1979]. SFA 25(2)

71-006818 Capape, C. ETUDE DU REGIME ALIMENTAIRE DE LA MOURINE VACHETTE, /PTEROMYLAEUS BOVINUS/ (GEOFFROY SAINT-HILAIRE, 1817) (PISCES, MYLIOBATIDAE) DES COTES TUNISIENNES. [STUDY OF THE FOODS OF THE BULL RAY, /PTEROMYLAEUS BOVINUS/ (GEOFFRAY SAINT-HILAIRE, 1817) (PISCES, MYLIOBATIDAE) OF THE TUNISIAN COAST.] *J. Cons. Cons. Int. Explor. Mer* 37 (3): 214-220. Sept. 1977. In French with English summ. SFA 23(2)

71-006819 Carlson, H. R. FOODS OF JUVENILE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, IN THE INSHORE COASTAL WATERS OF BRISTOL BAY, ALASKA, 1966-67. *NOAA Fish. Bull.* 74 (2): 458-462. Apr. 1976. SFA 21(2).

71-006820 Carr, W. E. S. CHEMORECEPTION AND FEEDING BEHAVIOR IN THE PIGFISH, /ORTHOPRISTIS CHRYSOPTERUS/: CHARACTERIZATION AND IDENTIFICATION OF STIMULATORY SUBSTANCES IN A SHRIMP EXTRACT. *Comp. Biochem. Physiol. A Comp. Physiol.* 55 (2): 153-157. 1976. SFA 22(2)

71-006821 Carr, W. E. S. and Chaney, T. B. CHEMICAL STIMULATION OF FEEDING BEHAVIOR IN THE PINFISH, /LAGODON RHOMBOIDES/: CHARACTERIZATION AND IDENTIFICATION OF STIMULATORY SUBSTANCES EXTRACTED FROM SHRIMP. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (4): 437-441. 1976. SFA 22(1)

71-006822 Carr, W. E. S.; Gondeck, A. R. and Delanoy, R. L. CHEMICAL STIMULATION OF FEEDING BEHAVIOR IN THE PINFISH, /LAGODON RHOMBOIDES/: A NEW APPROACH TO AN OLD PROBLEM. *Comp. Biochem. Physiol. A Comp. Physiol.* 54 (2): 161-166. 1976. SFA 22(1)

71-006823 Chan, E. H. and Chua, T.-E. THE FOOD AND FEEDING HABITS OF GREENBACK GREY MULLET, /LIZA SUBVIRIDIS/ (VALENCIENNES), FROM DIFFERENT HABITATS AND AT VARIOUS STAGES OF GROWTH. *J. Fish Biol.* 15(2):165-171. Aug. 1979. SFA 25(1)

71-006824 Chatterji, A.; Siddiqui, A. Q. and Khan, A. A. STUDIES ON THE AGE AND GROWTH OF THE BATA, /LABEO BATA/ (HAM.) (CYPRINIDAE, TELEOSTEI) FROM THE RIVER KALI, INDIA. *Hydrobiologia* 63 (2): 167-176. 2 Apr. 1979. SFA 24(4)

71-006825 Cheek, T. FOOD FOR THOUGHT. *Tenn. Wildl.* 2 (5): 18-21. Mar.-Apr. 1979. SFA 24(3)

71-006826 Chinarina, A. D. and Troshicheva, N. V. FOOD-PROCURING REACTIONS OF THE ATLANTIC COD, /GADUS MORHUA MORHUA/, AND THE SHORT HORN SCULPIN, /MYOXOCEPHALUS SCORPIUS/, IN THE ABSENCE OF VISUAL RECEPTION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 990-997. 1975. SFA 22(1)

71-006827 Christensen, M. S. TROPHIC RELATIONSHIPS IN JUVENILES OF THREE SPECIES OF SPARID FISHES IN THE SOUTH AFRICAN MARINE LITTORAL. *NOAA Fish. Bull.* 76 (2): 389-401. Apr. 1978. SFA 23(4)

71-006828 Clady, M. and Hutchinson, B. FOOD OF THE YELLOW PERCH, /PERCA FLAVESCENS/, FOLLOWING A DECLINE OF THE BURROWING MAYFLY, /HEXAGENIA LIMBATA/. *Ohio J. Sci.* 76 (3): 133-138. May 1976. SFA 22(2)

71-006829 Clark, A. L. and W. D. Pearson. EARLY PISCIVORY IN POSTLARVAE OF THE WHITE BASS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:409-414. 1978[1979]. SFA 25(2)

71-006830 Clarke, T. A. DIEL FEEDING PATTERNS OF 16 SPECIES OF MESOPELAGIC FISHES FROM HAWAIIAN WATERS. *NOAA Fish. Bull.* 76 (3): 495-513. July 1978. SFA 24(1)

71-006831 Clymer, J. P. III. THE DISTRIBUTIONS, TROPHIC ACTIVITIES, AND COMPETITIVE INTERACTIONS OF THREE SALT MARSH KILLIFISHES (PISCES: CYPRINODONTIDAE). *Ph.D. dissertation, Lehigh Univ.* 295p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1085. Sept. 1978. SFA 24(1)

71-006832 Coates, D. AQUARIUM STUDIES ON THE ABILITY OF POTENTIAL PREDATORS TO LEARN TO AVOID HUMBUG DAMSELFISH, *DASCYLLUS ARUANUS* (PISCES, POMACENTRIDAE) AS PREY. *J. Comp. Ethol.* 52(3):285-290. 1980. SFA 25(4)

71-006833 Coates, D. PREY-SIZE INTAKE IN HUMBUG DAMSELFISH *DASCYLLUS ARUANUS* (PISCES, POMACENTRIDAE) LIVING WITHIN SOCIAL GROUPS. *J. Anim. Ecol.* 49(1):335-340. Feb. 1980. SFA 25(3)

71-006834 Colin, P. L. FILTER FEEDING AND PREDATION ON THE EGGS OF /THALLASOMA/ SP. BY THE SCOMBRID FISH /RASTRELLIGER KANAGURTA/. *Copeia* 1976(3):596-597. Aug. 1976. SFA 21(3).

71-006835 Colle, D. E.; Shireman, J. V. and Rottmann, R. W. FOOD SELECTION BY GRASS CARP FINGERLINGS IN A VEGETATED POND. *Trans. Am. Fish. Soc.* 107 (1): 149-152. Jan. 1978. SFA 23(3)

71-006836 Combs, D. L. FOOD HABITS OF ADULT STRIPED BASS FROM KEYSTONE RESERVOIR AND ITS TAILWATERS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:571-575. 1978[1979]. SFA 25(2)

71-006837 Confer, J. L. and Blades, P. I. OMNIVOROUS ZOOPLANKTON AND PLANKTIVOROUS FISH. *Limnol. Oceanogr.* 20(4):571-579. July 1975. SFA 21(1).

71-006838 Coomer, C. E., Jr.; Holder, D. R. and Swanson, C. D. A COMPARISON OF THE DIETS OF REDBREAST SUNFISH AND SPOTTED SUCKER IN A COASTAL PLAIN STREAM. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:587-596. 1977[1979]. SFA 24(4)

71-006839 Cordes, L. E. and L. M. Page. FEEDING CHRONOLOGY AND DIET COMPOSITION OF TWO DARTERS (PERCIDAE) IN THE IROQUOIS RIVER SYSTEM, ILLINOIS. *Am. Midl. Nat.* 104(1):202-206. July 1980. SFA 25(4)

71-006840 Covich, A. P. and Knezevic, B. SIZE-SELECTIVE PREDATION BY FISH ON THIN-SHELLED GASTROPODS (/LYMNAEA/); THE SIGNIFICANCE OF FLOATING VEGETATION (/TRAPA/) AS A PHYSICAL REFUGE. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2172-2177. 1978. SFA 24(4)

71-006841 Craddock, D. R.; Blahm, T. H. and Parente, W. D. OCCURRENCE AND UTILIZATION OF ZOOPLANKTON BY JUVENILE CHINOOK SALMON IN THE LOWER COLUMBIA RIVER. *Trans. Am. Fish. Soc.* 105(1):72-76. Jan. 1976. SFA 21(1).

71-006842 Crawford, R. J. M. and Shelton, P. A. PELAGIC FISH AND SEABIRD INTERRELATIONSHIPS OFF THE COASTS OF SOUTH WEST AND SOUTH AFRICA. *Biol. Conserv.* 14 (2): 85-109. Sept. 1978. SFA 24(2)

71-006843 Crisp, D. T.; Mann, R. H. K. and McCormack, J. C. THE EFFECTS OF IMPOUNDMENT AND REGULATION UPON THE STOMACH CONTENTS OF FISH AT COW GREEN, UPPER TEESDALE. *J. Fish Biol.* 12(4):287-301. Apr. 1978. SFA 23(3)

71-006844 Crowder, L. B. ALEWIFE, RAINBOW SMELT AND NATIVE FISHES IN LAKE MICHIGAN: COMPETITION OR PREDATION? *Environ. Biol. Fishes* 5(3):225-233. 29 Sept. 1980. SFA 25(4)

71-006845 Cuff, W. R. BEHAVIORAL ASPECTS OF CANNIBALISM IN LARVAL WALLEYE, *STIZOSTEDION VITREUM*. *Can. J. Zool.* 58(8):1504-1507. Aug. 1980. In English with French summ. SFA 25(4)

71-006846 Dahle, T. F. III. OBSERVATIONS OF FINGERLING CHINOOK SALMON IN THE STOMACHS OF YELLOW PERCH FROM THE KLAMATH RIVER, CALIFORNIA. *Calif. Fish Game* 65 (3): 168. July 1979. SFA 24(4)

71-006847 Daugherty, C. H.; Daugherty, L. B. and Blair, A. P. VISUAL AND OLFACTORY STIMULI IN THE FEEDING BEHAVIOR OF DARTERS (/ETHEOSTOMA/) INHABITING CLEAR AND MUDDY WATER. *Copeia* 1976 (2): 380-382. May 1976. SFA 21(2).

71-006848 David, A. and Rajagopal, K. V. FOOD AND FEEDING RELATIONSHIPS OF SOME COMMERCIAL FISHES OF THE TUNGABHADRA RESERVOIR. *Proc. Indian Natl. Sci. Acad. B* 41 (1): 61-74. Feb. 1975. SFA 24(3)

71-006849 Davis, T. L. O. FOOD HABITS OF THE FRESHWATER CATFISH, /TANDANUS TANDANUS/ MITCHELL, IN THE GWYDIR RIVER, AUSTRALIA, AND EFFECTS ASSOCIATED WITH IMPOUNDMENT OF THIS RIVER BY THE COPETON DAM. *Aust. J. Mar. Freshwater Res.* 28 (4): 455-465. Aug. 1977. SFA 23(2)

71-006850 De Silva, S. S.; P. R. T. Cumaranatunga and C. D. De Silva. FOOD, FEEDING ECOLOGY AND MORPHOLOGICAL FEATURES ASSOCIATED WITH FEEDING OF FOUR CO-OCCURRING CYPRINIDS (PISCES: CYPRINIDAE). *Neth. J. Zool.* 30(1):54-73. Mar. 1980. SFA 25(3)

71-006851 De Silva, S. S.; Kortmulder, K. and Wijeyaratne, M. J. S. A COMPARATIVE STUDY OF THE FOOD AND FEEDING HABITS OF /PUNTIUS BIMACULATUS/ AND /P. TITTEYA/ (PISCES, CYPRINIDAE). *Neth. J. Zool.* 27(3):253-263. Sept. 1977. SFA 23(3)

71-006852 De Silva, S. S. and Wijeyaratne, M. J. S. STUDIES ON THE BIOLOGY OF YOUNG GREY MULLET, /MUGIL CEPHALUS/ L. II. FOOD AND FEEDING. *Aquaculture* 12 (2): 157-167. Oct. 1977. SFA 23(1)

71-006853 Deacutis, C. F. EFFECT OF THERMAL SHOCK ON PREDATOR AVOIDANCE BY LARVAE OF TWO FISH SPECIES. *Trans. Am. Fish. Soc.* 107 (4): 632-635. July 1978. SFA 24(1)

71-006854 Dehadrai, P. V. and Banerji, S. R. CAPACITY OF /ANABAS TESTUDINEUS/ (BLOCH) TO FEED ON INSECTS. *J. Inland Fish. Soc. India* 5:137-140. Dec. 1973. SFA 24(3)

71-006855 Dempsey, C. H. CHEMICAL STIMULI AS A FACTOR IN FEEDING AND INTRASPECIFIC BEHAVIOUR OF HERRING LARVAE. *J. Mar. Biol. Assoc. U. K.* 58 (3): 739-747. Aug. 1978. SFA 23(4)

71-006856 Demski, L. S. A "HYPOTHALAMIC FEEDING AREA" IN THE BRAINS OF SHARKS AND TELEOSTS. *Fla. Sci.* 43(Suppl. 1):10. 1980. Abstract only. SFA 25(2)

71-006857 Dendy, J. S. POLYPS OF /CRASPEDACUSTA SOWERBYI/ AS PREDATORS ON YOUNG STRIPED BASS. *Prog. Fish-Cult.* 40 (1): 506. Jan. 1978. SFA 23(2)

71-006858 Denny, P.; Bowker, D. W. and Bailey, R. G. THE IMPORTANCE OF THE LITTORAL EPIPHYTON AS FOOD FOR COMMERCIAL FISH IN THE RECENT AFRICAN MAN-MADE LAKE, NYUMBA YA MUNGU RESERVOIR, TANZANIA. *Biol. J. Linn. Soc.* 10(1):139-150. Mar. 1978. SFA 23(4)

71-006859 Desselle, W. J.; Poirrier, M. A.; Rogers, J. S. and Cashner, R. C. A DISCRIMINANT FUNCTIONS ANALYSIS OF SUNFISH (/LEPOMIS/) FOOD HABITS AND FEEDING NICHE SEGREGATION IN THE LAKE PONTCHARTRAIN, LOUISIANA ESTUARY. *Trans. Am. Fish. Soc.* 107 (5): 713-719. Sept. 1978. SFA 24(1)

71-006860 DeVane, J. C., Jr. FOOD OF KING MACKEREL, /SCOMBEROMORUS CAVALLA/, IN ONSLOW BAY, NORTH CAROLINA. *Trans. Am. Fish. Soc.* 107 (4): 583-586. July 1978. SFA 24(1)

71-006861 Dewan, S.; Miah, J. U.; Sarker, A. L. and Saha, S. N. SEASONAL PATTERNS OF FEEDING OF JUVENILE MAJOR CARP, /LABEO ROHITA/ (HAM.) IN A BANGLADESH POND. *J. Fish Biol.* 14 (6): 511-515. June 1979. SFA 24(4)

71-006862 Diana, J. S. THE FEEDING PATTERN AND DAILY RATION OF A TOP CARNIVORE, THE NORTHERN PIKE *(ESOX LUCIUS)*. *Can. J. Zool.* 57(11):2121-2127. Nov. 1979. In English with French summ. SFA 25(2)

71-006863 Dickie, L. M. PREDATION, YIELD, AND ECOLOGICAL EFFICIENCY IN AQUATIC FOOD CHAINS. *J. Fish. Res. Board Can.* 33(2):313-316. Feb. 1976. In English with French summ. SFA 21(1).

71-006864 Dickie, L. M. PREDATION, YIELD, AND ECOLOGICAL EFFICIENCY IN AQUATIC FOOD CHAINS. *J. Fish. Res. Board Can.* 33 (2): 313-316. Feb. 1976. In English with French summ. SFA 21(4).

71-006865 Diggins, M. R.; Summerfelt, R. C. and Mnich, M. A. ALTERED FEEDING ELECTIVITY OF THE BLUEGILL FROM INCREASED PREY ACCESSIBILITY FOLLOWING MACROPHYTE REMOVAL. *Proc. Okla. Acad. Sci.* 59:4-11. 1979. SFA 25(1)

71-006866 Doble, B. D. and Eggers, D. M. DIEL FEEDING CHRONOLOGY, RATE OF GASTRIC EVACUATION, DAILY RATION, AND PREY SELECTIVITY IN LAKE WASHINGTON JUVENILE SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *Trans. Am. Fish. Soc.* 107 (1): 36-45. Jan. 1978. SFA 23(3)

71-006867 Dodrill, J. W. and Gilmore, R. G. LAND BIRDS IN THE STOMACHS OF TIGER SHARKS /GALEOCERDO CUVIERI/ (PERON AND LESUEUR). *Auk* 95 (3): 585-586. July 1978. SFA 23(4)

71-006868 Doiphode, P. V. OBSERVATIONS ON THE INDIAN MACKEREL, /RASTRELLIGER KANAGURTA/ (CUV) FROM PURSE-SEINE CATCHES ALONG GOA COAST. *Indian J. Fish.* 21 (1): 85-88. 1974. SFA 23(2)

71-006869 Domermuth, R. B. and R. J. Reed. FOOD OF JUVENILE AMERICAN SHAD, *ALOSA SAPIDISSIMA*, JUVENILE BLUEBACK HERRING, *ALOSA AESTIVALIS*, AND PUMPKINSEED, *LEPOMIS GIBBOSUS*, IN THE CONNECTICUT RIVER BELOW HOLYOKE DAM, MASSACHUSETTS. *Estuaries* 3(1):65-68. Mar. 1980. SFA 25(2)

71-006870 Donald, D. B. and Kooyman, A. H. FOOD, FEEDING HABITS, AND GROWTH OF GOLDEYE, /HIODON ALOSOIDES/ (RAFINESQUE), IN WATERS OF THE PEACE-ATHABASCA DELTA. *Can J. Zool.* 55 (6): 1038-1047. June 1977. In English with French summ. SFA 22(4)

71-006871 Drenner, R. W. THE FEEDING MECHANICS OF THE GIZZARD SHAD (/DOROSOMA CEPEDIANUM/). *Ph.D. dissertation, Univ. Kans.* 100p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(12):5752. June 1978. SFA 23(4)

71-006872 Drenner, R. W. and O'Brien, W. J. THE FEEDING RATE AND ELECTIVITY OF GIZZARD SHAD. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-006873 Drenner, R. W.; Strickler, J. R. and O'Brien, W. J. CAPTURE PROBABILITY: THE ROLE OF ZOOPLANKTER ESCAPE IN THE SELECTIVE FEEDING OF PLANKTIVOROUS FISH. *J. Fish. Res. Board Can.* 35 (10): 1370-1373. Oct. 1978. In English with French summ. SFA 24(1)

71-006874 Dubitskiy, A. M. and Abdil'dayev, M. A. THE USE OF /APHLOCHEILUS LATIPES/(?) TO CONTROL MOSQUITOES LARVAE IN SOUTHEASTERN KAZAKHSTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 844-847. 1975. SFA 22(1)

71-006875 Duka, L. A. FEEDING AND FOOD REQUIREMENTS OF YOUNG FISHES OF THE FAMILY LABRIDAE IN THE BLACK SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 219-226. 1975. SFA 21(3).

71-006876 Duka, L. A. FEEDING AND FOOD RELATIONSHIPS OF THE LARVAE AND YOUNG OF THE FAMILY LABRIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 398-407. 1976. SFA 22(4)

71-006877 Duka, L. A. TROPHIC COMPLEXES OF FISH LARVAE AND FINGERLINGS IN THE VEGETATIVE COASTAL ZONE OF THE BLACK SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 35-44. 1978. SFA 24(3)

71-006878 Dumont, B. and Verneaux, J. EDIFICE TROPHIQUE PARTIEL DU COURS SUPERIEUR D'UN RUISSEAU FORESTIER. [SOME TROPHIC RELATIONSHIPS IN THE UPPER REACHES OF A FOREST STREAM.] *Ann. Limnol.* 12 (3): 239-252. 1976. In French with English summ. SFA 22(4)

71-006879 Dunn, I. G. ECOLOGICAL NOTES ON THE /HAPLOCHROMIS/ (PISCES: CICHLIDAE) SPECIES-FLOCK OF LAKE GEORGE, UGANDA (EAST AFRICA). *J. Fish Biol.* 7 (5): 651-666. Sept. 1975. SFA 22(2)

71-006880 Durbin, A. G. and Durbin, E. G. EFFECT OF GRAZING BY ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/, ON PLANKTON POPULATIONS OF A NEW ENGLAND ESTUARY. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-006881 Durbin, A. G. and Durbin, E. G. GRAZING RATES OF THE ATLANTIC MENHADEN /BREVOORTIA TYRANNUS/ AS A FUNCTION OF PARTICLE SIZE AND CONCENTRATION. *Mar. Biol.* 33(3):265-277. Dec. 1975. SFA 22(2)

71-006882 Dutta, H. M. FEEDING MECHANISM IN /MICROPTERUS SALMOIDES/. *Am. Zool.* 18 (3): 622. 1978. Abstract only. SFA 24(2)

71-006883 Eder, S. and Carlson, C. A. FOOD HABITS OF CARP AND WHITE SUCKERS IN THE SOUTH PLATTE AND ST. VRAIN RIVERS AND GOOSEQUILL POND, WELD COUNTY, COLORADO. *Trans. Am. Fish. Soc.* 106 (4): 339-346. July 1977. SFA 22(4)

71-006884 Edgar, R. K. and Hoff, J. G. GRAZING OF FRESHWATER AND ESTUARINE, BENTHIC DIATOMS BY ADULT ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/. *NOAA Fish. Bull.* 74 (3): 689-693. July 1976. SFA 21(3).

71-006885 Eggers, D. M. and Doble, B. D. SEASONAL PATTERNS OF PREY SELECTION BY PLANKTIVOROUS JUVENILE SOCKEYE SALMON, LONGFIN SMELT, AND THREESPINE STICKLEBACK IN LAKE WASHINGTON. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-006886 Eggers, D. M. FACTORS IN INTERPRETING DATA OBTAINED BY DIEL SAMPLING OF FISH STOMACHS. *J. Fish. Res. Board Can.* 34 (2): 290-294. Feb. 1977. In English with French summ. SFA 22(3)

71-006887 Eggers, D. M. LIMNETIC FEEDING BEHAVIOR OF JUVENILE SOCKEYE SALMON IN LAKE WASHINGTON AND PREDATOR AVOIDANCE. *Limnol. Oceanogr.* 23 (6): 1114-1125. Nov. 1978. SFA 24(2)

71-006888 Eldon, G. A. FOOD OF THE CANTERBURY MUDFISH, *NEOCHANNA BURROWSIUS* (SALMONIFORMES: GALAXIIDAE). *N.Z. J. Mar. Freshwater Res.* 13(2):255-261. 1979. SFA 25(2)

71-006889 Elliott, G. V. DIEL ACTIVITY AND FEEDING OF SCHOOLED LARGEMOUTH BASS FRY. *Trans. Am. Fish. Soc.* 105 (5): 624-627. Sept. 1976. SFA 21(4).

71-006890 Elliott, J. M. and Persson, L. THE ESTIMATION OF DAILY RATES OF FOOD CONSUMPTION FOR FISH. *J. Anim. Ecol.* 47 (3): 977-991. Oct. 1978. SFA 24(2)

71-006891 Ellison, J. P. DIETS OF MOUNTAIN WHITEFISH, *PROSOPIUM WILLIAMSONI* (GIRARD), AND BROOK TROUT, *SALVELINUS FONTINALIS* (MITCHILL), IN THE LITTLE WALKER RIVER, MONO COUNTY, CALIFORNIA. *Calif. Fish Game* 66(2):96-104. Apr. 1980. SFA 25(3)

71-006892 Elshoud-Oldenhave, M. J. W. PREY CAPTURE IN THE PIKE-PERCH, /STIZOSTEDION LUCIOPERCA/ (TELEOSTEI, PERCIDAE): A STRUCTURAL AND FUNCTIONAL ANALYSIS. *Zoomorphologie* 93(1):1-32. 1979. SFA 25(1)

71-006893 Elston, R. and Bachen, B. DIEL FEEDING CYCLE AND SOME EFFECTS OF LIGHT ON FEEDING INTENSITY OF THE MISSISSIPPI SILVERSIDE, /MENIDIA AUDENS/, IN CLEAR LAKE, CALIFORNIA. *Trans. Am. Fish. Soc.* 105(1):84-88. Jan. 1976. SFA 21(1).

71-006894 Engel, S. FOOD HABITS AND PREY SELECTION OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND CISCO (/COREGONUS ARTEDII/) IN RELATION TO ZOOPLANKTON DYNAMICS IN PALLETTE LAKE, WISCONSIN. *Trans. Am. Fish. Soc.* 105 (5): 607-614. Sept. 1976. SFA 21(4).

71-006895 Eppley, R. W. A COLLECTION OF RAMBLINGS ON TRADITIONAL AND NEW AVENUES OF PHYTOPLANKTON STUDIES AS THEY RELATE TO MARINE FOOD WEBS. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18: 127-131. May 1976. SFA 22(3)

71-006896 Eriksson, M. O. G. COMPETITION BETWEEN FRESHWATER FISH AND GOLDENEYES /BUCEPHALA CLANGULA/ (L.) FOR COMMON PREY. *Oecologia (Berl.)* 41(1):99-107. July 1979. SFA 25(1)

71-006897 Fahy, E. PREY SELECTION BY YOUNG TROUT FRY *(SALMO TRUTTA)*. *J. Zool. (Lond.)* 190(1):27-37. Jan. 1980. SFA 25(2)

71-006898 Farr, J. A. THE EFFECT OF METHYL PARATHION ON PREDATOR CHOICE OF TWO ESTUARINE PREY SPECIES. *Trans. Am. Fish. Soc.* 107 (1): 87-91. Jan. 1978. SFA 23(3)

71-006899 Filippov, G. M. SOME DATA ON THE BIOLOGY OF THE BELUGA /HUSO HUSO/ FROM THE SOUTH-EASTERN PART OF THE CASPIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 566-574. 1976. SFA 23(1)

71-006900 Fiscus, C. H. INTERACTIONS OF MARINE MAMMALS AND PACIFIC HAKE. *Mar. Fish. Rev.* 41(10):1-9. Oct. 1979. SFA 25(2)

71-006901 Fitzmaurice, P. SELECTIVE PREDATION ON CLADOCERA BY BROWN TROUT *SALMO TRUTTA* L. *J. Fish Biol.* 15(5):521-525. Nov. 1979. SFA 25(2)

71-006902 Foltz, J. W. and S. H. Bowen. CHROMIC OXIDE IN FOOD ASSIMILATION STUDIES. *Trans. Am. Fish. Soc.* 108(6):650-652. Nov. 1979. SFA 25(2)

71-006903 Foltz, J. W. and Norden, C. R. FOOD HABITS AND FEEDING CHRONOLOGY OF RAINBOW SMELT, /OSMERUS MORDAX/, IN LAKE MICHIGAN. *NOAA Fish. Bull.* 75 (3): 637-640. July 1977. SFA 23(1)

71-006904 Foltz, J. W. and Norden, C. R. SEASONAL CHANGES IN FOOD CONSUMPTION AND ENERGY CONTENT OF SMELT (/OSMERUS MORDAX/) IN LAKE MICHIGAN. *Trans. Am. Fish. Soc.* 106 (3): 230-234. May 1977. SFA 22(4)

71-006905 Fontaine, T. D. III. COMMUNITY METABOLISM PATTERNS AND A SIMULATION MODEL OF A LAKE IN CENTRAL FLORIDA. *Ph.D. dissertation, Univ. Fla.* 436p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5737. June 1979. SFA 24(4)

71-006906 Forester, J. S. and Avault, J. W., Jr. EFFECTS OF GRASS CARP ON FRESHWATER RED SWAMP CRAWFISH IN PONDS. *Trans. Am. Fish. Soc.* 107 (1): 156-160. Jan. 1978. SFA 23(3)

71-006907 Forester, J. S.; Avault, J. W., Jr. and Huner, J. V. EFFECTS OF GRASS CARP ON THE FRESHWATER RED SWAMP CRAWFISH AND RIVER SHRIMP IN ARTIFICIAL POOLS. *Proc. La. Acad. Sci.* 41: 42-47. 1978. SFA 24(2)

71-006908 Forsythe, T. D. PREDATOR-PREY INTERACTIONS AMONG CRUSTACEAN PLANKTON, YOUNG BLUEGILL (/LEPOMIS MACROCHIRUS/), AND WALLEYE (/STIZOSTEDION VITREUM/) IN EXPERIMENTAL ECOSYSTEMS. *Ph.D. dissertation, Mich. State Univ.* 109p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(10):4668. Apr. 1979. SFA 24(3)

71-006909 Foster, J. R. PULSED GASTRIC LAVAGE: AN EFFICIENT METHOD OF REMOVING THE STOMACH CONTENTS OF LIVE FISH. *Prog. Fish-Cult.* 39 (4): 166-169. Oct. 1977. SFA 23(1)

71-006910 Fox, P. J. CADDIS LARVAE (TRICHOPTERA) AS PREDATORS OF FISH EGGS. *Freshwater Biol.* 8 (4): 343-345. Aug. 1978. SFA 24(1)

71-006911 Frank, K. T. CONSEQUENCES OF THE DENSITY DEPENDENT BEHAVIOR OF A KEYSTONE SPECIES (/LEPOMIS CYANELLUS/ RAFINESQUE). *Ph.D. dissertation, Univ. Toledo* 95p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1609. Oct. 1978. SFA 24(3)

71-006912 Fraser, J. M. THE EFFECT OF COMPETITION WITH YELLOW PERCH ON THE SURVIVAL AND GROWTH OF PLANTED BROOK TROUT, SPLAKE, AND RAINBOW TROUT IN A SMALL ONTARIO LAKE. *Trans. Am. Fish. Soc.* 107(4):505-517. July 1978. SFA 24(1)

71-006913 Frost, W. E. THE FOOD OF CHARR, /SALVELINUS WILLUGHBII/ (GUNTHER), IN WINDERMERE. *J. Fish Biol.* 11 (6): 531-547. Dec. 1977. SFA 23(2)

71-006914 Furnass, T. I. LABORATORY EXPERIMENTS ON PREY SELECTION BY PERCH FRY (/PERCA FLUVIATILIS/). *Freshwater Biol.* 9 (1): 33-43. Feb. 1979. SFA 24(3)

71-006915 Gannon, J. E. THE EFFECTS OF DIFFERENTIAL DIGESTION RATES OF ZOOPLANKTON BY ALEWIFE, /ALOSA PSEUDOHARENGUS/, ON DETERMINATIONS OF SELECTIVE FEEDING. *Trans. Am. Fish. Soc.* 105(1):89-95. Jan. 1976. SFA 21(1).

71-006916 Gardner, M. B. and Miller, J. M. OPTIMAL FORAGING AND SIZE-SELECTION BY PLANKTIVOROUS FISH. *Bull. Ecol. Soc. Am.* 60 (2): 113. June 1979. Abstract only. SFA 24(4)

71-006917 Gatz, A. J., Jr. ECOLOGICAL MORPHOLOGY OF FRESHWATER STREAM FISHES. *Tulane Stud. Zool. Bot.* 21 (2): 91-124. 20 June 1979. SFA 24(4)

71-006918 Geistdoerfer, P. RECHERCHES SUR L'ALIMENTATION DE *MACROURUS BERGLAX* LACÉPÈDE 1801 (MACROURIDAE, GADIFORMES). [STUDIES ON THE FOOD OF *MACROURUS BERGLAX* LACÉPÈDE, 1801 (MACROURIDAE, GADIFORMES).] *Ann. Inst. Oceanogr.* 55(2):135-144. 1979. In French with English summ. SFA 25(2)

71-006919 George, E. L. and Hadley, W. F. FOOD AND HABITAT PARTITIONING BETWEEN ROCK BASS (/AMBLOPLITES RUPESTRIS/) AND SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/) YOUNG OF THE YEAR. *Trans. Am. Fish. Soc.* 108 (3): 253-261. May 1979. SFA 24(4)

71-006920 Gerking, S. D. and D. V. Plantz, Jr. SIZE-BIASED PREDATION BY THE GILA TOPMINNOW *POECILIOPSIS OCCIDENTALIS* (BAIRD AND GIRARD). *Hydrobiologia* 72(1-2):179-191. 10 July 1980. SFA 25(4)

71-006921 Gibson, R. M. OPTIMAL PREY-SIZE SELECTION BY THREE-SPINED STICKLEBACKS (*GASTEROSTEUS ACULEATUS*): A TEST OF THE APPARENT-SIZE HYPOTHESIS. *J. Comp. Ethol.* 52(3):291-307. 1980. SFA 25(4)

71-006922 Giles, N. A STOMACH SAMPLER FOR USE ON LIVE FISH. *J. Fish Biol.* 16(4):441-444. Apr. 1980. SFA 25(3)

71-006923 Gillen, A. L. and T. Hart. FEEDING INTERRELATIONSHIPS BETWEEN THE SAND SHINER AND THE STRIPED SHINER. *Ohio J. Sci.* 80(2):71-76. Mar. 1980. SFA 25(2)

71-006924 Gillen, A. L. FEEDING INTERRELATIONSHIPS BETWEEN THE SAND SHINER, /NOTROPIS STRAMINEUS/, AND THE STRIPED SHINER, /N. CHRYSOCEPHALUS/. *Ohio J. Sci.* 79: 94. Apr. 1979. Abstract only. SFA 24(3)

71-006925 Gilson, R. F. and A. Benson. PREY PREFERENCE AND SIZE-SELECTIVE PREDATION BY THE MOTTLED SCULPIN (*COTTUS BAIRDI BAIRDI* GIRARD). *Proc. Pa. Acad. Sci.* 53(2):135-138. 1979. SFA 25(3)

71-006926 Ginetz, R. M. and Larkin, P. A. FACTORS AFFECTING RAINBOW TROUT (/SALMO GAIRDNERI/) PREDATION ON MIGRANT FRY OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *J. Fish. Res. Board Can.* 33(1):19-24. Jan. 1976. In English with French summ. SFA 21(1).

71-006927 Girsa, I. I. THE DIURNAL RHYTHM IN THE FEEDING OF UNDERYEARLINGS OF SOME WHITE SEA FISH AT DIFFERENT PHOTOPERIODS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(1):102-110. 1975. SFA 21(2).

71-006928 Giussani, G. and Grimaldi, E. ANALOGIE E DIFFORMITA NEL REGIME ALIMENTARE DEI PESCI PLANCTOFAGHI DI QUATTRO GRANDI LAGHI TERMINALI TROFICAMENTE DIFFERENZIATI. [SIMILARITIES AND DIFFERENCES IN FEEDING HABITS OF PLANKTOPHAGOUS FISH IN FOUR LARGE LAKES WITH DIFFERENT TROPHIC CONDITIONS.] *Mem. Ist. Ital. Idrobiol.* 32:349-363. 1975. In Italian with English summ. SFA 21(1).

71-006929 Glenn, C. L. SEASONAL DIETS OF MOONEYE, /HIODON TERGISUS/, IN THE ASSINIBOINE RIVER. *Can. J. Zool.* 53 (3): 232-237. Mar. 1975. In English with French summ. SFA 22(1)

71-006930 Gliwicz, Z. M. and Prejs, A. CAN PLANKTIVOROUS FISH KEEP IN CHECK PLANKTONIC CRUSTACEAN POPLUATIONS? A TEST OF SIZE-EFFECIENCY HYPOTHESIS IN TYPICAL POLISH LAKES. *Ekol. Pol.* 25 (4): 567-591. 1977. In English with Polish Summ. SFA 23(3)

71-006931 Goh, Y. and T. Tamura. OLFACTORY AND GUSTATORY RESPONSES TO AMINO ACIDS IN TWO MARINE TELEOSTS--RED SEA BREAM AND MULLET. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 66(2):217-224. 1980. SFA 25(4)

71-006932 Goh, Y. and T. Tamura. EFFECT OF AMINO ACIDS ON THE FEEDING BEHAVIOUR IN RED SEA BREAM. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 66(2):225-229. 1980. SFA 25(4)

71-006933 Goldschmid, A.; K. Kotrschal; W.-D. Krautgartner and H. Adams. MORPHOLOGIE DES GEBISSES UND NAHRUNGSPRÄFERENZEN VON DREIZEHN ADRIATISCHEN BLENNIIDEN (TELEOSTEI, PERCIFORMES). [MORPHOLOGY OF THE TEETH AND FOOD PREFERENCES OF THIRTEEN SPECIES OF ADRIATIC BLENNIES (TELEOSTEI, PERCIFORMES).] *Zool. Scr.* 9(1):67-78. 1980. In German with English summ. SFA 25(4)

71-006934 Gophen, M. and Landau, R. TROPHIC INTERACTIONS BETWEEN ZOOPLANKTON AND SARDINE /MIROGREX TERRAESANCTAE/ POPULATIONS IN LAKE KINNERIT, ISRAEL. *Oikos* 29(1):166-174. 1977. In English with Russian summ. SFA 23(1)

71-006935 Gophen, M. FOOD SOURCES, FEEDING BEHAVIOUR AND GROWTH RATES OF *SAROTHERODON GALILAEUM* (LINNAEUS) FINGERLINGS. *Aquaculture* 20(2):101-115. June 1980. SFA 25(3)

71-006936 Gorbunova, N. N. and Lipskaya, N. Ya. FEEDING OF LARVAE OF THE BLUE MARLIN, /MAKAIRA NIGRICANS/ (PISCES, ISTIOPHORIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 95-101. 1975. SFA 21(2).

71-006937 Gordon, J. D. M. THE FISH POPULATIONS IN INSHORE WATERS OF THE WEST COAST OF SCOTLAND. THE FOOD AND FEEDING OF THE WHITING (/MERLANGIUS MERLANGUS/ L.). *J. Fish Biol.* 11 (6): 513-529. Dec. 1977. SFA 23(2)

71-006938 Gorelova, T. A. THE FEEDING OF LANTERNFISHES, /CERATOSCOPELUS WARMINGI/ AND /BOLINICHTHYS LONGIPES/, OF THE FAMILY MYCTOPHIDAE IN THE WESTERN EQUATORIAL PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.) 18(4):588-598. 1978. SFA 25(1)*

71-006939 Gorelova, T. A. THE FEEDING OF THE YOUNG OF SOME HOLOEPIPELAGIC FISHES. J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.) 19(2):49-57. 1979. SFA 25(4)

71-006940 Gorelova, T. A. SOME CHARACTERISTICS OF THE NUTRITION OF THE YOUNG OF NICTOEPIPELAGIC AND MESOPELAGIC LANTERN FISH (PISCES, MYCTOPHIDAE). *Oceanology* 17 (2): 220-222. Oct. 1977. SFA 23(3)

71-006941 Gorelova, T. A. THE FEEDING OF FISHES OF THE FAMILY MYCTOPHIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 208-219. 1975. SFA 21(3).

71-006942 Gosee, C. K.; Greenwald, L. and Stein, R. A. A METHOD FOR MEASURING CALORIC COSTS OF FORAGING ACTIVITIES IN FISHES. *Bull. Ecol. Soc. Am.* 60 (2): 114. June 1979. Abstract only. SFA 24(4)

71-006943 Gosheva, T. D. and Slonova, S. A. THE FEEDING AND FOOD SUPPLY OF LARVAL WHITE SEA HERRING (/CLUPEA HARENGUS PALLASI MARIS-ALBI/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):415-423. 1975. SFA 21(4)

71-006944 Gowing, H. and Momot, W. T. IMPACT OF BROOK TROUT (/SALVELINUS FONTINALIS/) PREDATION ON THE CRAYFISH /ORCONECTES VIRILIS/ IN THREE MICHIGAN LAKES. *J. Fish. Res. Board Can.* 36(10):1191-1196. Oct. 1979. In English with French summ. SFA 25(1)

71-006945 Grabe, S. A. FOOD AND FEEDING HABITS OF JUVENILE ATLANTIC TOMCOD, /MICROGADUS TOMCOD/, FROM HAVERSTRAW BAY, HUDSON RIVER. *NOAA Fish. Bull.* 76 (1): 89-94. Jan. 1978. SFA 23(3)

71-006946 Grabe, S. E. FOOD OF AGE 1 AND AGE 2 ATLANTIC TOMCOD, *MICROGADUS TOMCOD*, FROM HAVERSTRAW BAY, HUDSON RIVER, NEW YORK. *NOAA Fish. Bull.* 77(4):1003-1006. 1980. SFA 25(4)

71-006947 Graig, J. F. A STUDY OF THE FOOD AND FEEDING OF PERCH, /PERCA FLUVIATILIS/ L., IN WINDERMERE. *Freshwater Biol.* 8 (1): 59-68. Feb. 1978. SFA 23(3)

71-006948 Greendale, R. and Hunter, J. G. FEEDING OF FRESHWATER FISHES IN ESTUARINE AND COASTAL WATERS. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 777. iii + 11p. May 1978. In English with French summ. SFA 23(4)

71-006949 Griffiths, W. E. FEEDING AND GASTRIC EVACUATION IN PERCH (/PERCA FLUVIATILIS/ L.). *Mauri Ora* 4: 19-34. 1976. SFA 24(2)

71-006950 Griffiths, W. E. FOOD AND FEEDING HABITS OF EUROPEAN PERCH IN THE SELWYN RIVER, CANTERBURY, NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 10 (3): 417-428. Sept. 1976. SFA 22(3)

71-006951 Griswold, B. L. and Tubb, R. A. FOOD OF YELLOW PERCH, WHITE BASS, FRESHWATER DRUM, AND CHANNEL CATFISH IN SANDUSKY BAY, LAKE ERIE. *Ohio J. Sci.* 77 (1): 43-47. Jan. 1977. SFA 22(3)

71-006952 Gritsenko, O. F. and Churikov, A. A. THE BIOLOGY OF CHARS (GENUS /SALVELINUS/) AND THEIR PLACE IN THE ICHTHYOCENOSES OF BAYS IN NORTH-EASTERN SAKHALIN II. FEEDING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 591-599. 1977. SFA 23(4)

71-006953 Grossman, G. D.; R. Coffin; and P. B. Moyle. FEEDING ECOLOGY OF THE BAY GOBY (PISCES: GOBIIDAE). EFFECTS OF BEHAVIORAL, ONTOGENETIC, AND TEMPORAL VARIATION ON DIET. *J. Exp. Mar. Biol. Ecol.* 44(1):47-59. 8 Apr. 1980. SFA 25(3)

71-006954 Gruber, S. H. ROLE OF THE LEMON SHARK *NEGAPRION BREVIROSTRIS* AS A PREDATOR IN THE TROPICAL MARINE ENVIRONMENT: A PROGRESS REPORT. *Fla. Sci.* 43(Suppl. 1):10. 1980. Abstract only. SFA 25(2)

71-006955 Guma'a, S. A. THE FOOD AND FEEDING HABITS OF YOUNG PERCH, /PERCA FLUVIATILIS/, IN WINDERMERE. *Freshwater Biol.* 8 (2): 177-187. Apr. 1978. SFA 23(3)

71-006956 Gunn, J. M.; Qadri, S. U. and Mortimer, D. C. FILAMENTOUS ALGAE AS A FOOD SOURCE FOR THE BROWN BULLHEAD (/ICTALURUS NEBULOSUS/). *J. Fish. Res. Board Can.* 34 (3): 396-401. Mar. 1977. In English with French summ. SFA 22(3)

71-006957 Guziur, J. THE FEEDING OF TWO YEAR OLD CARP (/CYPRINUS CARPIO/ L.) IN A VENDACE LAKE KLAWOJ. *Ekol. Pol.* 24 (2): 211-235. 1975. In English with Polish summ. SFA 22(1)

71-006958 Habib, G. FOOD SIZE PREFERENCES OF THE RED COD /PSEUDOPHYCIS BACCHUS/ (TELEOSTEI: MORIDAE). *Mauri Ora* 4: 9-13. 1976. SFA 24(2)

71-006959 Habib, G. POPULATION AND FOOD OF THE PUFFERFISH /URANOSTOMA RICHEI/ (PLECTOGNATHI: LAGOCEPHALIDAE) FROM LYTTELTON HARBOUR. *N. Z. J. Mar. Freshwater Res.* 11 (3): 489-500. 1977. SFA 23(4)

71-006960 Haegele, C. W. and Outram, D. N. THE EFFECTS OF DIET AND RATION ON THE GROWTH AND SURVIVAL OF PACIFIC HERRING (/CLUPEA HARENGUS PALLASI/) LARVAE. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 767. iv + 41p. June 1978. In English with French summ. SFA 24(1)

71-006961 Haldorson, L. and Moser, M. GEOGRAPHIC PATTERNS OF PREY UTILIZATION IN TWO SPECIES OF SURFPERCH (EMBIOTOCIDAE). *Copeia* 1979(4):567-572. 28 Nov. 1979. SFA 25(1)

71-006962 Hall, D. J.; Mittelbach, G. G.; Howard, D.; Doner, C. G.; Dickerman, J. A.; Stewart, A. J.; Gilliam, J. F. and Werner, E. E. DIEL FORAGING BEHAVIOR AND PREY SELECTION IN THE GOLDEN SHINER (/NOTEMIGONUS CRYSOLEUCAS/). *J. Fish. Res. Board Can.* 36(9):1029-1039. Sept. 1979. In English with French summ. SFA 25(1)

71-006963 Hambrick, P. S. and Hibbs, R. G., Jr. FEEDING CHRONOLOGY AND FOOD HABITS OF THE BLACKTAIL SHINER, /NOTROPIS VENUSTUS/ (CYPRINIDAE), IN BAYOU SARA, LOUISIANA. *Southwest. Nat.* 22 (4): 511-516. 15 Oct. 1977. SFA 23(1)

71-006964 Hanson, J. M. and S. U. Qadri. MORPHOLOGY AND DIET OF YOUNG-OF-THE-YEAR BURBOT, *LOTA LOTA*, IN THE OTTAWA RIVER. *Can. Field-Nat.* 94(3):311-314. July-Sept. 1980. SFA 25(4)

71-006965 Harrell, R. M.; Loyacano, H. A., Jr. and Bayless, J. D. ZOOPLANKTON AVAILABILITY AND FEEDING SELECTIVITY OF FINGERLING STRIPED BASS. *Ga. J. Sci.* 35:129-135. June 1977. SFA 22(4)

71-006966 Harris, T. and D. G. Lindquist. TROPHIC PARTITIONING IN FOUR SPECIES OF REEF FISHES IN ONSLOW BAY, NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 95(2):124-125. 1979. Abstract only. SFA 25(4)

71-006967 Hashimoto, S. and Ishida, T. [FEEDING OF JUNENILE MASU SALMON IN THE STREAM LIFE.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 31. p. 13-20. 1977. In Japanese with English summ. SFA 22(4)

71-006968 Healey, M. C. DETRITUS AND JUVENILE SALMON PRODUCTION IN THE NANAIMO ESTUARY: I. PRODUCTION AND FEEDING RATES OF JUVENILE CHUM SALMON (/ONCORHYNCHUS KETA/). *J. Fish. Res. Board Can.* 36 (5): 488-496. May 1979. In English with French summ. SFA 24(3)

71-006969 Heidinger, R. C. and Crawford, S. D. EFFECT OF TEMPERATURE AND FEEDING RATE ON THE LIVER-SOMATIC INDEX OF THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/. *J. Fish. Res. Board Can.* 34 (5): 633-638. May 1977. In English with French summ. SFA 22(3)

71-006970 Heins, D. C. and Clemmer, G. H. ECOLOGY, FOODS AND FEEDING OF THE LONGNOSE SHINER, /NOTROPIS LONGIROSTRIS/ (HAY), IN MISSISSIPPI. *Am. Midl. Nat.* 94(2):284-295. Oct. 1975. SFA 21(1).

71-006971 Helfrich, L. A., Jr. EFFECTS OF PREDATION BY FATHEAD MINNOWS, /PIMEPHALES PROMELAS/, ON PLANKTONIC COMMUNITIES IN SMALL, EUTROPHIC PONDS. *Ph.D. dissertation, Mich. State Univ.* 65 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-006972 Heller, R. and M. Milinski. OPTIMAL FORAGING OF STICKLEBACKS ON SWARMING PREY. *Anim. Behav. (Baillière Tindall, London)* 27(4):1127-1141. Nov. 1979. SFA 25(2)

71-006973 Henry, R. L. FORAGING AREA PARTITIONING IN A SOUTHEASTERN FISH COMMUNITY. *Bull. Ecol. Soc. Am.* 59 (2): 68-69. June 1978. Abstract only. SFA 23(4)

71-006974 Henry, R. L. III. PREY SIZE UTILIZATION IN A COMMUNITY OF SOUTHEASTERN FISHES. *Bull. Ecol. Soc. Am.* 60 (2): 113. June 1979. Abstract only. SFA 24(4)

71-006975 Henwood, T.; Johnson, P. and Heard, R. FEEDING HABITS AND FOOD OF THE LONGSPINED PORGY, /STENOTOMUS CAPRINUS/ BEAN. *Northeast Gulf Sci.* 2 (2): 133-137. Dec. 1978. SFA 24(3)

71-006976 Hepworth, D. and Gloss, S. P. FOOD HABITS AND AGE-GROWTH OF WALLEYE IN LAKE POWELL, UTAH-ARIZONA, WITH REFERENCE TO INTRODUCTION OF THREADFIN SHAD. *Utah State Div. Wildl. Resour. Publ.* no. 76-15. 13p. 1976. SFA 22(3)

71-006977 Hobson, E. S. and Chess, J. R. TROPHIC RELATIONSHIPS AMONG FISHES AND PLANKTON IN THE LAGOON AT ENEWETAK ATOLL, MARSHALL ISLANDS. *NOAA Fish. Bull.* 76 (1): 133-153. Jan. 1978. SFA 23(3)

71-006978 Hobson, E. S. and Chess, J. R. TROPHIC INTERACTIONS AMONG FISHES AND ZOOPLANKTERS NEAR SHORE AT SANTA CATALINA ISLAND, CALIFORNIA. *NOAA Fish. Bull.* 74 (3): 567-598. July 1976. SFA 21(3).

71-006979 Hofer, R. and R. Niederholzer. THE FEEDING OF ROACH (*RUTILUS RUTILUS* L.) AND RUDD (*SCARDINIUS ERYTHROPHTHALMUS* L.) II. FEEDING EXPERIMENTS IN THE LABORATORY. *Ekol. Pol.* 28(1):61-70. 1980. In English with Polish summ. SFA 25(4)

71-006980 Holanov, S. H. and Tash, J. C. PARTICULATE AND FILTER FEEDING IN THREADFIN SHAD, /DOROSOMA PETENENSE/, AT DIFFERENT LIGHT INTENSITIES. *J. Fish Biol.* 13 (5):619-625. Nov. 1978. SFA 24(2)

71-006981 Hoover, J. J. FEEDING ECOLOGY OF TWO SYMPATRIC SPECIES OF *NOTROPIS* (PISCES: CYPRINIDAE) FROM THE HILLSBOROUGH RIVER. *Fla. Sci.* 43(Suppl. 1):25. 1980. Abstract only. SFA 25(2)

71-006982 Horwath, K. L. and Morgan, D. W. POSSIBLE PHYSIOLOGICAL CLOCK ASSOCIATED WITH THE FEEDING HABITS OF THE CENTRAL MUDMINNOW (/UMBRA LIMI/) KIRTLAND. *Proc. Indiana Acad. Sci.* 87: 230-237. 1977. SFA 24(2)

71-006983 Houde, E. D. and Schekter, R. C. SIMULATED FOOD PATCHES AND SURVIVAL OF LARVAL BAY ANCHOVY, /ANCHOA MITCHILLI/, AND SEA BREAM, /ARCHOSARGUS RHOMBOIDALIS/. *NOAA Fish. Bull.* 76 (2): 483-487. Apr. 1978. SFA 23(4)

71-006984 Houde, E. D. CRITICAL FOOD CONCENTRATIONS FOR LARVAE OF THREE SPECIES OF SUBTROPICAL MARINE FISHES. *Bull. Mar. Sci.* 28 (3): 395-411. July 1978. SFA 23(4)

71-006985 Hubert, W. A. COMPARATIVE FOOD HABITS OF SMALLMOUTH AND LARGEMOUTH BASSES IN PICKWICK RESERVOIR. *J. Ala. Acad. Sci.* 48 (4): 167-178. Oct. 1977. SFA 23(2)

71-006986 Hudson, W. F. and Bulow, F. J. SEASONAL VARIATIONS IN FOOD HABITS OF BURGESS FALLS LAKE BLUEGILLS. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-006987 Hulberg, L. W. and P. Graber. DIET AND BEHAVIORAL ASPECTS OF THE WOLF-EEL, *ANARRHICHTHYS OCELLATUS*, ON SANDY BOTTOM IN MONTEREY BAY, CALIFORNIA. *Calif. Fish Game* 66(3):172-177. July 1980. SFA 25(3)

71-006988 Hullacher, L. E. PATTERNS OF SPACE AND FOOD USE BY INSHORE ROCKFISHES (SCORPAENIDAE: /SEBASTES/) OF CARMEL BAY, CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 119p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):531. Aug. 1978. SFA 24(3)

71-006989 Hunter, J. R. BEHAVIOR AND SURVIVAL OF NORTHERN ANCHOVY /ENGRAULIS MORDAX/ LARVAE. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:138-146. Oct. 1977. SFA 24(3)

71-006990 Ikusemiju, K. and Olaniyan, C. I. O. THE FOOD AND FEEDING HABITS OF THE CATFISHES, /CHRYSICHTHYS WALKERI/ (GUNTHER), /CHRYSICHTHYS FILAMENTOSUS/ (BOULENGER) AND /CHRYSICHTHYS NIGRODIGITATUS/ (LACEPEDE) IN THE LEKKI LAGOON, NIGERIA. *J. Fish Biol.* 10 (2): 105-112. Feb. 1977. SFA 22(3)

71-006991 Imabayashi, H. [FEEDING ACTIVITIES OF JUVENILE AND YOUNG BASTARD HALIBUT, *PARALICHTHYS OLIVACEUS*, IN THE BIOTIC COMMUNITY--I. INTRASPECIFIC RELATIONSHIPS IN THE POPULATION. *Bull. Jpn. Soc. Sci. Fish.* 46(4):427-435. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-006992 Ionova, V. A. and Payusova, A. N. FEATURES OF THE FEEDING OF JUVENILE CASPIAN ROACH (/RUTILUS RUTILUS CASPICUS/) IN ELEMENTARY POPULATIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 388-397. 1977. SFA 23(3)

71-006993 Isaacs, J. D. REPRODUCTIVE PRODUCTS IN MARINE FOOD WEBS. *Bull. South. Calif. Acad. Sci.* 75 (2): 220-223. Aug. 1976. SFA 22(2)

71-006994 Ishiwata, N. [ECOLOGICAL STUDIES ON THE FEEDING OF FISHES--X. AN ESTIMATION OF DAILY RATION IN NATURE.] *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 561-565. May 1979. In Japanese with English summ. SFA 24(4)

71-006995 Ishiwata, N. [ECOLOGICAL STUDIES ON THE FEEDING OF FISHES--XI. EXTERNAL FACTORS AFFECTING SATIATION AMOUNT]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1275-1276. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-006996 Ivanova, M. N. [ON FISH FEEDING OF FRESH-WATER SMELTS /OSMERUS EPERLANUS/ (OSMERIDAE, CLUPEIFORMES).] *Zool. Zh.* 57 (7): 1033-1039. July 1978. In Russian with English summ. SFA 24(1)

71-006997 Iwata, K. MORPHOLOGICAL AND PHYSIOLOGICAL STUDIES ON THE PHYTOPLANKTON FEEDERS IN CYPRINID FISHES--I.--DEVELOPMENTAL CHANGES OF FEEDING ORGANS AND INGESTION RATES IN KAWACHIBUNA (/CARASSIUS AURATUS CUVIERI/), SILVER CARP (/HYPOPHTHALMICHTHYS MOLITRIX/) AND NIGOROBUNA (/C. AURATUS GRANDOCULIS/). *Jpn. J. Limnol.* 37 (4): 135-147. Oct. 1976. In Japanese with English summ. SFA 23(1)

71-006998 Jackson, P. D. BENTHIC INVERTEBRATE FAUNA AND FEEDING RELATIONSHIPS OF BROWN TROUT, /SALMO TRUTTA/ LINNAEUS, AND RIVER BLACKFISH, /GADOPSIS MARMORATUS/ RICHARDSON, IN THE ABERFELDY RIVER, VICTORIA. *Aust. J. Mar. Freshwater Res.* 29 (6): 725-742. Dec. 1978. SFA 24(3)

71-006999 Jacobs, J. INFLUENCE OF PREY SIZE, LIGHT INTENSITY, AND ALTERNATIVE PREY ON THE SELECTIVITY OF PLANKTON FEEDING FISH. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2461-2466. 1978. SFA 24(4)

71-007000 Jafri, A. K. and Mustafa, S. FOOD SELECTION BY YOUNG /CATLA CATLA/ (HAMILTON-BUCHANAN) IN A TROPICAL FISH POND. *J. Fish Biol.* 10 (5): 437-440. May 1977. SFA 22(3)

71-007001 Janssen, J. and S. B. Brandt. FEEDING ECOLOGY AND VERTICAL MIGRATION OF ADULT ALEWIVES (*ALOSA PSEUDOHARENGUS*) IN LAKE MICHIGAN. *Can. J. Fish. Aquatic Sci.* 37(2):177-184. Feb. 1980. In English with French summ. SFA 25(3)

71-007002 Janssen, J. FEEDING-BEHAVIOR REPERTOIRE OF THE ALEWIFE, /ALOSA PSEUDOHARENGUS/, AND THE CISCOES /COREGONUS HOYI/ AND /C. ARTEDII/. *J. Fish. Res. Board Can.* 35 (2): 249-253. Feb. 1978. In English with French summ. SFA 23(2)

71-007003 Janssen, J. FEEDING MODES AND PREY SIZE SELECTION IN THE ALEWIFE (/ALOSA PSEUDOHARENGUS/). *J. Fish. Res. Board Can.* 33 (9): 1972-1975. Sept. 1976. In English with French summ. SFA 21(3).

71-007004 Janssen, J. THE FEEDING BEHAVIOR REPERTOIRE OF THE ALEWIFE (/ALOSA PSEUDOHARENGUS/). *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-007005 Jayaprakash, A. A. FOOD AND FEEDING HABITS OF JUVENILES OF 'KOTH' /OTOLITHOIDES BRUNNEUS/ (DAY) IN BOMBAY WATERS. *Indian J. Fish.* 21 (1): 127-140. 1974. SFA 23(2)

71-007006 Jenkins, R. M. and Morais, D. I. PREY-PREDATOR RELATIONS IN THE PREDATOR-STOCKING-EVALUATION RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:141-157. 1976[1978]. SFA 24(1)

71-007007 Jewett, S. C. SUMMER FOOD OF THE PACIFIC COD, /GADUS MACROCEPHALUS/, NEAR KODIAK ISLAND, ALASKA. *NOAA Fish. Bull.* 76 (3): 700-706. July 1978. SFA 24(1)

71-007008 Johnsen, B. O. SEASONAL VARIATIONS IN THE DIET OF THE BROWN TROUT (/SALMO TRUTTA/ L.) IN A NORWEGIAN MOUNTAIN LAKE COMPARED WITH THE VARIATIONS IN THE PLANKTON AND BOTTOM FAUNA. *Astarte* 11 (1): 37-43. 1978. SFA 24(2)

71-007009 Johnson, J. H. and Ringler, N. H. PREDATION ON PACIFIC SALMON EGGS BY SALMONIDS IN A TRIBUTARY OF LAKE ONTARIO. *J. Great Lakes Res.* 5(2):177-181. 1979. SFA 25(1)

71-007010 Johnson, J. H. and Ringler, N. H. THE OCCURRENCE OF BLOW FLY LARVAE (DIPTERA: CALLIPHORIDAE) ON SALMON CARCASSES AND THEIR UTILIZATION AS FOOD BY JUVENILE SALMON AND TROUT. *Great Lakes Entomol.* 12(3):137-140. 1979. SFA 25(1)

71-007011 Johnson, J. H. and N. H. Ringler. DIETS OF JUVENILE COHO SALMON (*ONCORHYNCHUS KISUTCH*) AND STEELHEAD TROUT (*SALMO GAIRDNERI*) RELATIVE TO PREY AVAILABILITY. *Can. J. Zool.* 58(4):553-558. Apr. 1980. In English with French summ. SFA 25(3)

71-007012 Jones, B. C. and Geen, G. H. FOOD AND FEEDING OF SPINY DOGFISH (/SQUALUS ACANTHIAS/) IN BRITISH COLUMBIA WATERS. *J. Fish. Res. Board Can.* 34 (11): 2067-2078. Nov. 1977. In English with French summ. SFA 23(1)

71-007013 Jones, B. C. FEEDING BEHAVIOR AND SURVIVAL OF PACIFIC SPINY DOGFISH IN CAPTIVITY. *Prog. Fish-Cult.* 40 (4): 157. Oct. 1978. SFA 24(2)

71-007014 Jones, R. FOOD CHAINS AND OUR FISH SUPPLY. *Scott. Fish. Bull.* 45:4-10. 1979. SFA 25(1)

71-007015 Joseph, T. W. POPULATIONS OF INVERTEBRATE ORGANISMS AND THEIR CONSUMPTION BY RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) AND WALLEYE (/STIZOSTEDION VETREUM/ MITCHILL) IN GRAVEL LAKE, ROLETTE COUNTY, NORTH DAKOTA. *Ph. D. dissertation, Univ. N. Dak.* 123p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-007016 Kaeriyama, M. [STUDIES ON A GROWTH AND FEEDING HABIT OF THE CHUM SALMON FRY DURING SEAWARD MIGRATION IN THE TOKACHI RIVER SYSTEM--II. AQUATIC FAUNA IN THE TOKACHI RIVER SYSTEM DURING MONTHS OF MARCH TO JULY IN 1977.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 31-45. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-007017 Kaeriyama, M. and Sato, S. [STUDIES ON A GROWTH AND FEEDING HABIT OF THE CHUM SALMON FRY DURING SEAWARD MIGRATION IN THE TOKACHI RIVER SYSTEM--III. RELATIONSHIPS BETWEEN MIGRATION TIME AND THE GROWTH OR THE FEEDING BEHAVIOR OF THE FRY DURING 1977.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 47-73. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-007018 Kajak, Z.; Spodniewska, I. and Wisniewski, R. J. STUDIES ON FOOD SELECTIVITY OF SILVER CARP, /HYPOPHTHALMICHTHYS MOLOTRIX/ (VAL.). *Ekol. Pol.* 25(2):227-239. 1977. In English with Polish summ. SFA 23(1)

71-007019 Kamlyuk, L. V.; Lyakhnovich, V. P. and Kopylova, T. V. EFFECTIVENESS OF ZOOPLANKTON UTILIZATION IN CARP FORAGEING PONDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):665-669. 1978. SFA 25(1)

71-007020 Karagitsou, H. and Tsimenidis, N. [FOOD OF HAKE (/MERLUCCIUS MERLUCCIUS/) IN SARONIKOS GULF.] *Thalassographica* 1 (3): 232-244. Dec. 1977. In Greek with English summ. SFA 24(2)

71-007021 Karplus, I. A FEEDING ASSOCIATION BETWEEN THE GROUPER /EPINEPHELUS FASCIATUS/ AND THE MORAY EEL /GYMNOTHORAX GRISEUS/. *Copeia* 1978 (1): 164. 10 Feb. 1978. SFA 23(2)

71-007022 Kashin, S. M.; Malinin, L. K.; Orlovsky, G. N. and Poddubnyy, A. G. [BEHAVIOUR OF SOME FISHES DURING HUNTING.] *Zool. Zh.* 56(9):1328-1339. Sept. 1977. In Russian with English summ. SFA 23(2)

71-007023 Kaufman, L. FEEDING BEHAVIOR AND FUNCTIONAL COLORATION OF THE ATLANTIC TRUMPETFISH, /AULOSTOMUS MACULATUS/. *Copeia* 1976 (2): 377-378. May 1976. SFA 21(2).

71-007024 Kazanskiy, A. B. A MODEL OF THE TROPHIC NETWORK OF THE TSIMLYANSK RESERVOIR ICHTHYOCENOSIS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):86-91. 1979. SFA 25(4)

71-007025 Keast, A. FEEDING INTERRELATIONS BETWEEN AGE-GROUPS OF PUMPKINSEED (/LEPOMIS GIBBOSUS/) AND COMPARISONS WITH BLUEGILL (/L. MACROCHIRUS/). *J. Fish. Res. Board Can.* 35 (1): 12-27. Jan. 1978. In English with French summ. SFA 23(2)

71-007026 Keast, A. TROPHIC INTERRELATIONSHIPS IN THE FISH FAUNA OF A SMALL STREAM. *Proc. Conf. Great Lakes Res.* 9: 51-79. 1966. SFA 22(4)

71-007027 Keenan, C. L. and T. Miller. POPULATION RESPONSES OF *HYALELLA AZTECA* IN THE COLORADO RIVER TO PERIPHYTON STANDING CROP AND PREDATION BY THE RAZORBACK SUCKER (*XYRAUCHEN TEXANUS*). *Bull. Ecol. Soc. Am.* 61(2):52. June 1980. Abstract only. SFA 25(4)

71-007028 Kettle, D. and O'Brien, W. J. VULNERABILITY OF ARCTIC ZOOPLANKTON SPECIES TO PREDATION BY SMALL LAKE TROUT (/SALVELINUS NAMAYCUSH/). *J. Fish. Res. Board Can.* 35 (11): 1495-1500. Nov. 1978. In English with French summ. SFA 24(1)

71-007029 Kinch, J. C. TROPHIC HABITS OF THE JUVENILE FISHES WITHIN ARTIFICIAL WATERWAYS--MARCO ISLAND, FLORIDA. *Contrib. Mar. Sci.* 22:77-90. Aug. 1979. SFA 25(1)

71-007030 King, P. A.; Wissing, T. E.; DeVillez, E. J.; Chimney, M. J. and Randall, W. B., Jr. NUTRITIONAL IMPLICATIONS OF SURFACE FEEDING BY GIZZARD SHAD (/DOROSOMA CEPEDIANUM/) ON INSECT REMAINS IN AN OHIO RESERVOIR. *J. Fish. Res. Board Can.* 34 (2): 269-273. Feb. 1977. In English with French summ. SFA 22(3)

71-007031 Kislalioglu, M. and Gibson, R. N. SOME FACTORS GOVERNING PREY SELECTION BY THE 15-SPINED STICKLEBACK, /SPINACHIA SPINACHIA/ (L.). *J. Exp. Mar. Biol. Ecol.* 25 (2): 159-169. 1 Dec. 1976. SFA 22(1)

71-007032 Kislalioglu, M. and Gibson, R. N. PREY 'HANDLING TIME' AND ITS IMPORTANCE IN FOOD SELECTION BY THE 15-SPINED STICKLEBACK, /SPINACHIA SPINACHIA/ (L.). *J. Exp. Mar. Biol. Ecol.* 25 (2): 151-158. 1 Dec. 1976. SFA 22(1)

71-007033 Kislalioglu, M. and Gibson, R. N. THE FEEDING RELATIONSHIP OF SHALLOW WATER FISHES IN A SCOTTISH SEA LOCH. *J. Fish Biol.* 11 (3): 257-266. Sept. 1977. SFA 23(1)

71-007034 Kitchell, J. F.; Stein, R. A. and Knezevic, B. UTILIZATION OF FILAMENTOUS ALGAE BY FISHES IN SKADAR LAKE, YUGOSLAVIA. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2159-2165. 1978. SFA 24(4)

71-007035 Kjelson, M. A. and Johnson, G. N. FURTHER OBSERVATIONS OF THE FEEDING ECOLOGY OF POSTLARVAL PINFISH, /LAGODON RHOMBOIDES/, AND SPOT, /LEIOSTOMUS XANTHURUS/. *NOAA Fish. Bull.* 74 (2): 423-432. Apr. 1976. SFA 21(2).

71-007036 Klimova, V. L. and Ivankova, Z. G. EFFECT OF CHANGES IN THE BOTTOM POPULATION OF PETER THE GREAT BAY ON THE FEEDING HABITS AND GROWTH RATE OF SOME SPECIES OF FLOUNDER. *Oceanology* 17 (5): 591-594. Apr. 1978. SFA 24(1)

71-007037 Kogan, A. V. and Zaytseva, Ye. M. THE FEEDING OF THE COMMON CASPIAN KILKA [/CLUPEONELLA DELICATULA CASPIA/ MORPHA /TSCHARCHALENSIS/] OF KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Iktiol.)* 14(3):413-417. 1974. SFA 21(2).

71-007038 Kogan, A. V. SEASONAL AND SIZE-AGE DIFFERENCES IN THE DIET OF THE TYULKA, /CLUPEONELLA DELICULATA/, OF KUYBYSHEVSKOE RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):683-687. 1975. SFA 21(3).

71-007039 Kogan, A. V. THE ROLE OF PREDATORY CLADOCERA IN THE FEEDING OF THE TYUL'KA /CLUPEONELLA DELICATULA CASPIA/ MORPHA, /TSCHARCHALENSIS/ IN KUYBYSHEV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(1):110-114. 1975. SFA 21(2).

71-007040 Kohler, C. C. and J. J. Ney. PISCIVORITY IN A LAND-LOCKED ALEWIFE (*ALOSA PSEUDOHARENGUS*) POPULATION. *Can. J. Fish. Aquatic Sci.* 37(8):1314-1317. Aug. 1980. In English with French summ. SFA 25(4)

71-007041 Kokeš, J. THE FOOD EATEN BY THE FRY OF CHUB, LEUCISCUS CEPHALUS, IN THE ROKYTNÁ RIVER. *Folia Zool.* 28(4):361-370. 1979. In English with Russian summ. SFA 25(3)

71-007042 Kokes, J. THE FOOD EATEN BY THE FRY OF CHUB, *LEUCISCUS CEPHALUS*, IN THE ROKYTNÁ RIVER. *Folia Zool.* 28(4):361-370. 1979. SFA 25(4)

71-007043 Kokova, V. Ye. THE FEEDING OF LARVAE OF THE WHITEFISH, *COREGONUS LAVARETUS LUDOGA*, THE BAIKAL OMUL, *COREGONUS AUTUMNALIS MIGRATORIUS*, AND THE "PELED", *COREGONUS PELED*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):953-960. 1978. SFA 25(2)

71-007044 Konchina, Yu. V. SOME DATA ON THE FEEDING OF THE PERUVIAN JACK MACKEREL, /TRACHURUS SYMMETRICUS MURPHYI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):687-690. 1978. SFA 25(1)

71-007045 Koslow, J. A. THE FEEDING OF SCHOOLS OF NORTHERN ANCHOVY (*ENGRAULIS MORDAX*), AND COMMUNITY STRUCTURE AND DIURNAL MIGRATORY BEHAVIOR IN MARINE ZOOPLANKTON. *Ph.D. dissertation, Univ. Calif. (San Diego)* 227p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):777. Sept. 1980. SFA 25(4)

71-007046 Kozlova, M. F. and Panasenko, V. A. ANNUAL FOOD CONSUMPTION OF BREAM (/ABRAMIS BRAMA/) AND RUFFE (/ACERINA CERNUA/) POPULATIONS IN THE COURLAND LAGOON (KURSHSKIY ZALIV). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 382-388. 1977. SFA 23(3)

71-007047 Kravitz, M. J.; Pearcy, W. G. and Guin, M. P. FOOD OF FIVE SPECIES OF COOCCURRING FLATFISHES ON OREGON'S CONTINENTAL SHELF. *NOAA Fish. Bull.* 74 (4): 984-990. Oct. 1976. SFA 22(2)

71-007048 Kruse, K. C. and Francis, M. G. A PREDATION DETERRENT IN LARVAE OF THE BULLFROG, /RANA CATESBEIANA/. *Trans. Am. Fish. Soc.* 106 (3): 248-252. May 1977. SFA 22(4)

71-007049 Kukuradze, A. M. FOOD FEEDING OF PIKE-PERCH (/LUCIOPERCA LUCIOPERCA/) IN THE DANUBE DELTA AND NEIGHBORING WATERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):925-933. 1974. SFA 21(2).

71-007050 Kuperman, B. I. EXPERIENCE OF THE USE OF PARASITES FOR QUANTITATIVE ESTIMATION OF THE FEEDING OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 838-841. 1975. SFA 22(1)

71-007051 Kuznetsov, Ye. A. CONSUMPTION OF BACTERIA BY THE SILVER CARP (/HYPOPHTHALMICHTHYS MOLITRIX/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(3):398-403. 1977. SFA 23(3)

71-007052 Lalancette, L.-M. FEEDING IN WHITE SUCKERS (/CATOSTOMUS COMMERSONI/) FROM GAMELIN LAKE, QUEBEC, OVER A TWELVE MONTH PERIOD. *Nat. Can. (Que.)* 104 (4): 369-376. July-Aug. 1977. In English with French summ. SFA 23(2)

71-007053 Lambert, Y. and G. J. Fitzgerald. SUMMER FOOD AND MOVEMENTS OF THE ATLANTIC TOMCOD *MICROGADUS TOMCOD* (WALBAUM) IN A SMALL TIDAL CREEK. *Nat. Can. (Que.)* 106(5-6):555-559. Sept.-Dec. 1979. In English with French summ. SFA 25(3)

71-007054 Lanchester, B. S. and Mark, R. F. PURSUIT AND PREDICTION IN THE TRACKING OF MOVING FOOD BY A TELEOST FISH (/ACANTHALUTERES SPILOMELANURUS/). *J. Exp. Biol.* 63 (3): 627-645. Dec. 1975. SFA 22(2)

71-007055 Lande, R. FOOD AND FEEDING HABITS OF THE LONG ROUGH DAB, /HIPPOGLOSSUS PLATESSOIDES/ (FABRICIUS) (PISCES, PLEURONECTIDAE), IN BORGENFJORDEN, NORWAY. *Sarsia* 62:19-24. 30 Dec. 1976. SFA 22(3)

71-007056 Lane, E. D.; M. C. S. Kingsley and D. E. Thornton. DAILY FEEDING AND FOOD CONVERSION EFFICIENCY OF THE DIAMOND TURBOT: AN ANALYSIS BASED ON FIELD DATA. *Trans. Am. Fish. Soc.* 108(6):530-535. Nov. 1979. SFA 25(2)

71-007057 Langton, R. W. and R. E. Bowman. FOOD OF FIFTEEN NORTHWEST ATLANTIC GADIFORM FISHES. *NOAA Tech. Rep. NMFS SSRF* 740. iv + 23p. Feb. 1980. SFA 25(2)

71-007058 Lauder, G. V. FUNCTIONAL ANATOMY OF FEEDING IN PRIMITIVE ACTINOPTERYGIAN FISHES. *Am. Zool.* 18 (3): 622. 1978. Abstract only. SFA 24(2)

71-007059 Laurence, G. C.; Halavik, T. A.; Burns, B. R. and Smigielski, A. S. AN ENVIRONMENTAL CHAMBER FOR MONITORING "IN SITU" GROWTH AND SURVIVAL OF LARVAL FISHES. *Trans. Am. Fish. Soc.* 108 (2): 197-203. Mar. 1979. SFA 24(4)

71-007060 Laurence, G. C. A BIOENERGETIC MODEL FOR THE ANALYSIS OF FEEDING AND SURVIVAL POTENTIAL OF WINTER FLOUNDER LARVAE (/PSEUDOPLEURONECTES AMERICANUS/) DURING THE PERIOD FROM HATCHING TO METAMORPHOSIS. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-007061 Layzer, J. B. and Reed, R. J. FOOD, AGE AND GROWTH OF THE TESSELLATED DARTER, /ETHEOSTOMA OLMSTEDI/, IN MASSACHUSETTS. *Am. Midl. Nat.* 100 (2): 459-462. Oct. 1978. SFA 24(2)

71-007062 Lewis, G. E. SUMMER AND FALL FOOD OF SPOTTED BASS IN TWO WEST VIRGINIA RESERVOIRS. *Prog. Fish-Cult.* 38 (4): 175-176. Oct. 1976. SFA 21(4).

71-007063 Lewis, G. E. SUMMER FOOD OF CHANNEL CATFISH IN A WEST VIRGINIA FLOOD CONTROL RESERVOIR. *Prog. Fish-Cult.* 38 (4): 177-178. Oct. 1976. SFA 21(4).

71-007064 Li, H. W. and Moyle, P. B. FEEDING ECOLOGY OF THE PIT SCULPIN, /COTTUS PITENSIS/, IN ASH CREEK, CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 75 (2): 111-118. Aug. 1976. SFA 22(2)

71-007065 Libey, G. S. and Cole, C. F. FOOD HABITS OF YELLOWTAIL FLOUNDER, /LIMANDA FERRUGINEA/ (STORER). *J. Fish Biol.* 15(3):371-374. Sept. 1979. SFA 25(1)

71-007066 Liem, K. F. ADAPTIVE SIGNIFICANCE OF INTRA- AND INTERSPECIFIC DIFFERENCES IN THE FEEDING REPERTOIRES OF CICHLID FISHES. *Am. Zool.* 20(1):295-314. 1980. SFA 25(2)

71-007067 Liem, K. F. MODULATORY MULTIPLICITY IN THE FUNCTIONAL REPERTOIRE OF THE FEEDING MECHANISM IN CICHLID FISHES. I. PISCIVORES. *J. Morphol.* 158 (3): 323-360. Dec. 1978. SFA 24(2)

71-007068 Lin, Y.-S. FOOD AND GROWTH OF YOUNG YELLOW PERCH DURING THE PELAGIC AND DEMERSAL STAGES IN ONEIDA LAKE. *Ph. D. dissertation, Cornell Univ.* 104p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1).

71-007069 Linfield, R. S. J. ECOLOGICAL CHANGES IN A LAKE FISHERY AND THEIR EFFECTS ON A STUNTED ROACH *RUTILUS RUTILUS* POPULATION. *J. Fish Biol.* 16(2):123-144. Feb. 1980. SFA 25(2)

71-007070 Lipskaya, N. Ya. and Gorbunova, N. N. FEEDING OF SAILFISH LARVAE. *Oceanology* 17 (3): 340-344. Dec. 1977. SFA 23(3)

71-007071 Lobel, P. S. PREDATION ON A CLEANERFISH (/LABROIDES/) BY A HAWKFISH (/CIRRHITES/). *Copeia* 1976 (2): 384-385. May 1976. SFA 21(2).

71-007072 Loftus, W. F. and Lenon, H. L. FOOD HABITS OF THE SALMON SMOLTS, /ONCORHYNCHUS TSHAWYTSCHA/ AND /O. KETA/, FROM THE SALCHA RIVER, ALASKA. *Trans. Am. Fish. Soc.* 106 (3): 235-240. May 1977. SFA 22(4)

71-007073 Longval, M. and R. Warner. FOOD INTAKE OF THE LEMON SHARK *NEGAPRION BREVIROSTRIS* UNDER CONTROLLED CONDITIONS. *Fla. Sci.* 43(Suppl. 1):10. 1980. Abstract only. SFA 25(2)

71-007074 Love, M. S. and Ebeling, A. W. FOOD AND HABITAT OF THREE SWITCH-FEEDING FISHES IN THE KELP FORESTS OFF SANTA BARBARA, CALIFORNIA. *NOAA Fish. Bull.* 76 (1): 257-271. Jan. 1978. SFA 23(3)

71-007075 Macan, T. T. THE INFLUENCE OF PREDATION ON THE COMPOSITION OF FRESH-WATER ANIMAL COMMUNITIES. *Biol. Rev. (Camb.)* 52 (1): 45-70. Feb. 1977. SFA 23(1)

71-007076 MacCrimmon, H. R. and Pugsley, R. W. FOOD AND FEEDING OF THE RAINBOW SMELT (/OSMERUS MORDAX/) IN LAKE SIMCOE, ONTARIO. *Can. Field-Nat.* 93 (3): 266-271. July-Sept. 1979. SFA 24(4)

71-007077 MacCrimmon, H. R. and T. K. Twongo. ONTOGENY OF FEEDING BEHAVIOUR IN HATCHERY-REARED RAINBOW TROUT, *SALMO GAIRDNERI* RICHARDSON. *Can. J. Zool.* 58(1):20-26. Jan. 1980. In English with French summ. SFA 25(2)

71-007078 Mackey, A. P. TROPHIC DEPENDENCIES OF SOME LARVAL CHIRONOMIDAE (DIPTERA) AND FISH SPECIES IN THE RIVER THAMES. *Hydrobiologia* 62 (3): 241-247. 12 Feb. 1979. SFA 24(3)

71-007079 Maeda, T.; T. Takahashi and M. Ueno. [ECOLOGICAL STUDIES ON THE ALASKA POLLACK IN THE ADJACENT WATERS OF THE FUNKA BAY, HOKKAIDO--IV. SEASONAL VARIATIONS OF ZOOPLANKTON DISTRIBUTION IN FOOD FOR THE ALASKA POLLACK.] *Bull. Jpn. Soc. Sci. Fish.* 46(6):671-674. June 1980. In Japanese with English summ. SFA 25(4)

71-007080 Magnin, E.; Murawska, E. and Clement, A.-M. REGIME ALIMENTAIRE DE SEP POISSONS LITTORAUX DE LA GRANDE ANSE DE L'ILE PERROT, SUR LE LAC SAINT-LOUIS, PRES DE MONTREAL, QUEBEC. [FOOD HABITS OF SEVEN LITTORAL FISHES OF THE GRAND COVE OF PERROT ISLAND OF LAKE SAINT-LOUIS NEAR MONTREAL, QUEBEC.] *Nat. Can. (Que.)* 105 (2): 89-101. Mar.-Apr. 1978. In French with English summ. SFA 24(1)

71-007081 Mahadevan Pillai, P. K. A NOTE ON THE FOOD AND FEEDING HABIT OF THE RIBBON FISH, /TRICHIURUS LEPTURUS/. *Indian J. Fish.* 21 (2): 597-600. 1974. SFA 23(2)

71-007082 Mahan, A.; Suparno, T. and Carlander, K. D. FOOD HABITS OF WALKING-CATFISH (/CLARIAS BATRACHUS/) AND SNAKEHEAD (/OPHIOCEPHALUS STRIATUS/) IN RAWA PENING. *J. Satya Wacana Res.* 1 (4): 374-380. 1978. SFA 24(4)

71-007083 Major, P. F. PISCIVOROUS PREDATORS AND DISABLED PREY. *Copeia* 1979 (1): 158-160. 20 Feb. 1979. SFA 24(2)

71-007084 Major, P. F. PREDATOR-PREY INTERACTIONS IN TWO SCHOOLING FISHES, /CARANX IGNOBILIS/ AND /STOLEPHORUS PURPUREUS/. *Anim. Behav.* 26 (3) 760-777. Aug. 1978. SFA 24(1)

71-007085 Major, P. F. STUDIES OF PREDATOR-PREY INTERACTIONS IN SCHOOLING FISH. *Ph. D. dissertation, Univ. Calif. (Santa Cruz)* 205p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-007086 Mallatt, J. M. MECHANISM AND REGULATION OF FEEDING IN THE LARVAL LAMPREY *PETROMYZON MARINUS*. *Ph.D. dissertation, Univ. Chicago* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(1):26. July 1980. SFA 25(4)

71-007087 Man, H. S. H. and Hodgkiss, I. J. STUDIES ON THE ICHTHYO-FAUNA IN PLOVER COVE RESERVOIR, HONG KONG: FEEDING AND FOOD RELATIONS. *J. Fish Biol.* 11 (1): 1-13. July 1977. SFA 22(4)

71-007088 Mancini, E. R.; Busdosh, M. and Steele, B. D. UTILIZATION OF AUTOCHTHONOUS MACROINVERTEBRATE DRIFT BY A POOL FISH COMMUNITY IN A WOODLAND STREAM. *Hydrobiologia* 62 (3): 249-256. 12 Feb. 1979. SFA 24(3)

71-007089 Manooch, C. S. III. FOODS OF THE RED PORGY, /PAGRUS PAGRUS/ LINNAEUS (PISCES: SPARIDAE), FROM NORTH CAROLINA AND SOUTH CAROLINA. *Bull. Mar. Sci.* 27 (4): 776-787. Oct. 1977. SFA 23(2)

71-007090 Manzer, J. I. DISTRIBUTION, FOOD, AND FEEDING OF THE THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS/, IN GREAT CENTRAL LAKE, VANCOUVER ISLAND, WITH COMMENTS ON COMPETITION FOR FOOD WITH JUVENILE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/. *NOAA Fish. Bull.* 74 (3): 647-668. July 1976. SFA 21(3).

71-007091 Marais, J. F. K. ASPECTS OF FOOD INTAKE, FOOD SELECTION, AND ALIMENTARY CANAL MORPHOLOGY OF *MUGIL CEPHALUS* (LINNAEUS, 1958), *LIZA TRICUSPIDENS* (SMITH, 1935), *L. RICHARDSONI* (SMITH, 1846), AND *L. DUMERILI* (STEINDACHNER, 1869). *J. Exp. Mar. Biol. Ecol.* 44(2/3):193-209. 22 Apr. 1980. SFA 25(3)

71-007092 Marais, J. F. K. and Erasmus, T. CHEMICAL COMPOSITION OF ALIMENTARY CANAL CONTENTS OF MULLET (TELEOSTEI: MUGILIDAE) CAUGHT IN THE SWARTKOPS ESTUARY NEAR PORT ELIZABETH, SOUTH AFRICA. *Aquaculture* 10 (3): 263-273. Mar. 1977. SFA 22(3)

71-007093 Maret, T. R. and Peters, E. J. FOOD HABITS OF THE WHITE CRAPPIE, /POMOXIS ANNULARIS/ RAFINESQUE, IN BRANCHED OAK LAKE, NEBRASKA. *Trans. Nebr. Acad. Sci. Affl. Soc.* 7:75-82. 1979. SFA 25(1)

71-007094 Maret, T. R. WHITE CRAPPIE FOOD HABITS IN BRANCHED OAK LAKE, NEBRASKA. *Proc. Nebr. Acad. Sci. Affil. Soc.* 88: 19. 1978. Abstract only. SFA 23(4)

71-007095 Markovtsev, V. G. FOOD CHAINS AND FISH PRODUCTION IN LAKE KHANKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1017-1021. 1978. SFA 25(2)

71-007096 Markovtsev, V. G. THE FEEDING OF THE "USSURI SAWBELLY" /HEMICULTER LEUCISCULUS LUCIDUS/ IN LAKE KHANKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 625-631. 1976. SFA 23(1)

71-007097 Mathur, D. and Robbins, T. W. FOOD OF THE WHITE CRAPPIE, /POMOXIS ANNULARIS/ RAFINESQUE, IN TWO NEW IMPOUNDMENTS. *Proc. Pa. Acad. Sci.* 53(1):34-36. 1979. SFA 25(1)

71-007098 Mathur, D. FOOD HABITS AND COMPETITIVE RELATIONSHIPS IN THE BANDFIN SHINER IN HALAWAKEE CREEK, ALABAMA. *Am. Midl. Nat.* 97(1):89-100. Jan. 1977. SFA 22(3)

71-007099 Matthews, W. J. INGESTION OF SAND BY THE DUSKYSTRIPE SHINER, /NOTROPIS PILSBRYI/ FOWLER. *Southwest. Nat.* 22 (4): 543-544. 15 Oct. 1977. SFA 23(1)

71-007100 Matthews, W. J. and Hill, L. G. BUCCAL CAVITY PREY RETENTION IN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *Southwest. Nat.* 23 (2): 307-308. 20 Mar. 1978. SFA 23(4)

71-007101 Matthey, J. K. and Reynolds, W. W. FOOD HABITS OF SQUIRRELFISH, /ADIORYX SUBORBITALIS/, IN THE GULF OF CALIFORNIA. *Calif. Fish Game* 65 (1): 62-64. Jan. 1979. SFA 24(3)

71-007102 May, B. E.; Thompson, C. and Gloss, S. P. IMPACT OF TREADFIN SHAD (/DOROSOMA PETENENSE/) INTRODUCTION ON FOOD HABITS OF FOUR CENTRACHIDS. *Utah State Div. Wildl. Resour. Publ.* no. 75-4. 22p. 1975. SFA 22(3)

71-007103 Mayama, H. [FEEDING HABIT OF ADULT KOKANEE SALMON (/ONCORHYNCHUS NERKA/) IN LAKE SHIKOTSU.] *Sci. Rep. Hokkaido Salmon Hatchery* 32: 49-56. 1978. In Japanese with English summ. SFA 23(4)

71-007104 McDonnell, J.; Tjokroprawiro, S. and Carlander, K. D. FOOD HABITS AND GONAD DEVELOPMENT OF CLIMBING PERCH (/ANABAS TESTUDINEUS/) IN RAWA PENING. *J. Satya Wacana Res.* 1 (4): 405-410. 1978. SFA 24(4)

71-007105 McGee, M. V.; Griffith, J. S. and McLean, R. B. PREY SELECTION BY SAUGER IN WATTS BAR RESERVOIR, TENNESSEE, AS AFFECTED BY COLD-INDUCED MORTALITY OF THREADFIN SHAD. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:404-411. 1977[1979]. SFA 24(4)

71-007106 McKaye, K. R.; Weiland, D. J. and Lim, T. M. THE EFFECT OF LUMINANCE UPON THE DISTRIBUTION AND BEHAVIOR OF THE ELEOTRID FISH /GOBIOMORUS DORMITOR/, AND ITS PREY. *Rev. Can. Biol.* 38 (1): 27-36. Mar. 1979. SFA 24(3)

71-007107 McLellan, T. FEEDING STRATEGIES OF THE MACROURIDS. *Deep-Sea Res.* 24 (11): 1019-1036. Nov. 1977. SFA 23(2)

71-007108 Meehan, W. R. and Miller, R. A. STOMACH FLUSHING: EFFECTIVENESS AND INFLUENCE ON SURVIVAL AND CONDITION OF JUVENILE SALMONIDS. *J. Fish. Res. Board Can.* 35 (10): 1359-1363. Oct. 1978. In English with French summ. SFA 24(1)

71-007109 Mendelson, J. FEEDING RELATIONSHIPS AMONG SPECIES OF /NOTROPIS/ (PISCES: CYPRINIDAE) IN A WISCONSIN STREAM. *Ecol. Monogr.* 45 (3): 199-230. 1975. SFA 22(1)

71-007110 Merna, J. W. FOOD SELECTION BY WALLEYE FRY. *Mich. Dep. Nat. Resour. Fish. Div. Fish. Res. Rep.* No. 1847. 12p. 13 Sept. 1977. SFA 23(1)

71-007111 Meyer-Rochow, V. B. STOMACH AND GUT CONTENTS OF *CARAPUS MOURLANI* FROM STARFISH AND A HOLOTHURIAN. *Ann. Zool. Fenn.* 16(4):287-289. 1980. SFA 25(4)

71-007112 Meyer-Rochow, V. B. COMPARISON BETWEEN 15 /CARAPUS MOURLANI/ IN A SINGLE HOLOTHURIAN AND 19 /C. MOURLANI/ FROM STARFISH. *Copeia* 1977 (3): 582-584. 25 Aug. 1977. SFA 22(4)

71-007113 Mikhman, A. S. and M. I. Bryazgunova. THE FEEDING OF *SCOPHTHALMUS MAEOTICUS MAEOTICUS* AND *PLATICHTHYS FLESUS LUSCUS* LARVAE IN TAGANROG GULF. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):857-858. 1978. SFA 25(2)

71-007114 Mikhman, A. S. and Tomanovich, L. V. THE FEEDING OF THE AZOV ANCHOVY, /ENGRAULIS ENCRASICHOLUS MAEOTICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 240-244. 1977. SFA 23(3)

71-007115 Milinski, M. AN EVOLUTIONARILY STABLE FEEDING STRATEGY IN STICKLEBACKS. *J. Comp. Ethol.* 51(1):36-40. Sept. 1979. In English with German summ. SFA 25(2)

71-007116 Milinski, M. CAN AN EXPERIENCED PREDATOR OVERCOME THE CONFUSION OF SWARMING PREY MORE EASILY? *Anim. Behav. (Baillière Tindall, London)* 27(4):1122-1126. Nov. 1979. SFA 25(2)

71-007117 Minckley, C. O. and Paulson, L. J. USE OF GIZZARD WEIGHTS TO DETERMINE TOTAL LENGTH AND WEIGHT OF THREADFIN SHAD EATEN BY PREDATORS. *Trans. Am. Fish. Soc.* 105 (3): 409-410. May 1976. SFA 21(3).

71-007118 Minckley, C. O. and Deacon, J. E. FOODS OF THE DEVIL'S HOLE PUPFISH, /CYPRINODON DIABOLIS/ (CYPRINODONTIDAE). *Southwest. Nat.* 20(1):105-111. 15 May 1975. SFA 22(2)

71-007119 Minet, J. P. and Perodou, J. B. PREDATION OF COD, /GADUS MORHUA/, ON CAPELIN, /MALLOTUS VILLOSUS/, OFF EASTERN NEWFOUNDLAND AND IN THE GULF OF ST. LAWRENCE. *Int. Comm. Northwest Alt. Fish. Res. Bull.* No. 13. p. 11-20. 1978. SFA 23(4)

71-007120 Mito, K. FOOD RELATIONSHIPS IN THE DEMERSAL FISH COMMUNITY IN THE BERING SEA. II. LENGTH COMPOSITIONS OF FISH SPECIES. *Bull. Fac. Fish. Hokkaido Univ.* 30(2):144-162. May 1979. In Japanese with English summ. SFA 25(1)

71-007121 Mittelbach, G. G. FORAGING EFFICIENCIES AND SIZE CLASS COMPETITION IN THE BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/). *Bull. Ecol. Soc. Am.* 60 (2): 112. June 1979. Abstract only. SFA 24(4)

71-007122 Modde, T. and Schmulbach, J. C. FOOD AND FEEDING BEHAVIOR OF THE SHOVELNOSE STURGEON, /SCAPHIRHYNCHUS PLATORYNCHUS/, IN THE UNCHANNELIZED MISSOURI RIVER, SOUTH DAKOTA. *Trans. Am. Fish. Soc.* 106 (6): 602-608. Nov. 1977. SFA 23(2)

71-007123 Moershel, P. FOOD HABITS AND GONAD DEVELOPMENT OF SEPAT ROWO (/TRICHOGASTER TRICHOPTERUS/) AND SEPAT SIAM (/T. PECTORALIS/) IN RAWA PENING. *J. Satya Wacana Res.* 1 (4): 398-404. 1978. SFA 24(4)

71-007124 Mok, H.-K. SCALE-FEEDING IN /TYDEMANIA NAVIGATORIS/ (PISCES: TRIACANTHODIDAE). *Copeia* 1978 (2): 338-340. 5 May 1978. SFA 23(3)

71-007125 Montgomery, W. L. COMPARATIVE FEEDING ECOLOGY OF TWO HERBIVOROUS DAMSELFISHES (POMACENTRIDAE: TELEOSTEI) FROM THE GULF OF CALIFORNIA, MEXICO. *J. Exp. Mar. Biol. Ecol.* 47(1):9-24. 14 Aug. 1980. SFA 25(4)

71-007126 Montgomery, W. L. and S. D. Gerking. MARINE MACROALGAE AS FOODS FOR FISHES: AN EVALUATION OF POTENTIAL FOOD QUALITY. *Environ. Biol. Fishes* 5(2):143-153. 22 Apr. 1980. SFA 25(3)

71-007127 Montgomery, W. L. MODIFICATION OF BENTHIC ALGAL COMMUNITIES BY GRAZING OF HERBIVOROUS FISH. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 353. July 1977. Abstract only. SFA 23(3)

71-007128 Montgomery, W. L. MECHANISMS OF HERBIVORY IN DAMSELFISHES (POMACENTRIDAE) FROM THE GULF OF CALIFORNIA, MEXICO. *Ph.D. dissertation, Ariz. State Univ.* 101p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5276. May 1979. SFA 24(3)

71-007129 Montgomery, W. L. INTERSPECIFIC ASSOCIATIONS OF SEABASSES (SERRANIDAE) IN THE GULF OF CALIFORNIA. *Copeia* 1975(4):785-787. 31 Dec. 1975. SFA 21(1).

71-007130 Moore, J. W. and Potter, I. C. A LABORATORY STUDY ON THE FEEDING OF LARVAE OF THE BROOK LAMPREY /LAMPETRA PLANERI/ (BLOCH). *J. Anim. Ecol.* 45 (1): 81-90. Feb. 1976. SFA 22(3)

71-007131 Moore, J. W. and Potter, I. C. ASPECTS OF FEEDING AND LIPID DEPOSITION AND UTILIZATION IN THE LAMPREYS, /LAMPETRA FLUVIATILIS/ (L.) AND /LAMPETRA PLANERI/ (BLOCH). *J. Anim. Ecol.* 45 (3): 699-712. Oct. 1976. SFA 22(3)

71-007132 Moore, J. W. and Moore, I. A. THE BASIS OF FOOD SELECTION IN FLOUNDERS, /PLATICHTHYS FLESUS/ (L.), IN THE SEVERN ESTUARY. *J. Fish Biol.* 9 (2): 139-156. Aug. 1976. SFA 22(2)

71-007133 Moore, J. W. and Moore, I. A. THE BASIS OF FOOD SELECTION IN SOME ESTUARINE FISHES. EELS, /ANGUILLA ANGUILLA/ (L.), WHITING, /MERLANGIUS MERLANGUS/ (L.), SPRAT, /SPRATTUS SPRATTUS/ (L.) AND STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *J. Fish Biol.* 9 (5): 375-390. Nov. 1976. SFA 22(2)

71-007134 Moreno, C. A. and Osorio, H. H. BATHYMETRIC FOOD HABIT CHANGES IN THE ANTARCTIC FISH, /NOTOTHENIA GIBBERIFRONS/ LONNBERG. (PISCES: NOTOTHENIIDAE). *Hydrobiologia* 55 (2): 139-144. 18 Aug. 1977. SFA 23(1)

71-007135 Moriarty, D. J. W. QUANTITATIVE STUDIES ON BACTERIA AND ALGAE IN THE FOOD OF THE MULLET /MUGIL CEPHALUS/ L. AND THE PRAWN /METAPENAEUS BENNETTAE/ (RACEK & DALL). *J. Exp. Mar. Biol. Ecol.* 22 (2): 131-143. May 1976. SFA 21(3).

71-007136 Morris, D. J. and B. J. Follis. EFFECTS OF STRIPED BASS PREDATION UPON SHAD IN LAKE E. V. SPENCE, TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:697-702. 1978[1979]. SFA 25(2)

71-007137 Morrow, J. E.; Schallock, E. W. and Bergtold, G. E. FEEDING BY ALASKA WHITEFISH, /COREGONUS NELSONI/, DURING THE SPAWNING RUN. *NOAA Fish. Bull.* 75 (1): 234-235. Jan. 1977. SFA 22(2)

71-007138 Moss, S. A. FEEDING MECHANISMS IN SHARKS. *Am. Zool.* 17 (2): 355-364. 1977. SFA 23(1)

71-007139 Moyle, P. B. and Holzhauser, N. J. EFFECTS OF THE INTRODUCTION OF MISSISSIPPI SILVERSIDE (/MENIDIA AUDENS/) AND FLORIDA LARGEMOUTH BASS (/MICROPTERUS SALMOIDES FLORIDANUS/) ON THE FEEDING HABITS OF YOUNG-OF-YEAR LARGEMOUTH BASS IN CLEAR LAKE, CALIFORNIA. *Trans. Am. Fish. Soc.* 107(4):574-582. July 1978. SFA 24(1)

71-007140 Murdoch, W. W.; Avery, S. and Smyth, M. E. B. SWITCHING IN PREDATORY FISH. *Ecology* 56(5):1094-1105. 1975. SFA 22(3)

71-007141 Naiman, R. J. PRELIMINARY FOOD STUDIES OF /CYPRINODON MACULARIUS/ AND /CYPRINODON NEVADENSIS/ (CYPRINODONTIDAE). *Southwest. Nat.* 24(3):538-541. 15 Sept. 1979. SFA 25(1)

71-007142 Nakashima, B. S. and Leggett, W. C. DAILY RATION OF YELLOW PERCH (/PERCA FLAVESCENS/) FROM LAKE MEMPHREMAGOG, QUEBEC-VERMONT, WITH A COMPARISON OF METHODS FOR IN SITU DETERMINATIONS. *J. Fish. Res. Board Can.* 35 (12): 1597-1603. Dec. 1978. In English with French summ. SFA 24(2)

71-007143 Nasukhov, O. N. THE FEEDING OF THE YOUNG OF VALUABLE FISHES OF THE ARAKUM WATERS IN THE EARLY DEVELOPMENT STAGES AND THE DEGREE OF SIMILARITY OF THEIR DIETS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):418-425. 1974. SFA 21(2).

71-007144 Natarajan, A. V.; Ramakrishnaiah, M. and Khan, M. A. THE FOOD SPECTRUM OF TRASH FISHES IN RELATION TO MAJOR CARPS IN KONAR AND TILAIYA RESERVOIRS (BIHAR). *J. Inland Fish. Soc. India* 7: 65-75. Dec. 1975. SFA 24(3)

71-007145 Neilson, J. D. and Gillis, D. J. A NOTE ON THE STOMACH CONTENTS OF ADULT ATLANTIC SALMON (/SALMO SALAR/, LINNAEUS) FROM PORT BURWELL, NORTHWEST TERRITORIES. *Can. J. Zool.* 57 (7): 1502-1503. July 1979. In English with French summ. SFA 24(4)

71-007146 Neudecker, S. EFFECTS OF GRAZING AND BROWSING FISHES ON THE ZONATION OF CORALS IN GUAM. *Ecology* 60(4):666-672. Aug. 1979. SFA 25(1)

71-007147 Neveu, A. and Thibault, M. COMPORTEMENT ALIMENTAIRE D'UNE POPULATION SAUVAGE DE TRUITES FARIO (/SALMO TRUTTA/ L.) DANS UN RUISSEAU DES PYRENEES ATLANTIQUES, LE LISSURAGA. [FEEDING BEHAVIOUR OF A WILD POPULATION OF FARIO TROUT (/SALMO TRUTTA/ L.) IN THE LISSURAGA, A STREAM IN PYRENEES ATLANTIQUES.] *Ann. Hydrobiol.* 8 (2): 111-128. 1977. In French with English summ. SFA 23(1)

71-007148 Newsome, G. E. (Buck) and Gee, J. H. PREFERENCE AND SELECTION OF PREY BY CREEK CHUB (/SEMOTILUS ATROMACULATUS/) INHABITING THE MINK RIVER, MANITOBA. *Can. J. Zool.* 56 (12): 2486-2497. Dec. 1978. In English with French summ. SFA 24(2)

71-007149 Newsome, G. E. A STUDY OF PREY PREFERENCE AND SELECTION BY CREEK CHUB, /SEMOTILUS ATROMACULATUS/, IN THE MINK RIVER, MANITOBA. *Ph.D. dissertation, Univ. Manitoba* 1975. [Order microfiche copy from the National Library of Canada at Ottawa]. From Diss. Abstr. Int B Sci. Eng. 36(9), 1976. SFA 21(1).

71-007150 Ney, J. J.; E. D. Ricci and W. R. Reynolds. TROPHIC RELATIONS AMONG YOUNG-OF-YEAR SPORT FISH SPECIES IN THE LITTORAL ZONE OF VIRGINIA RESERVOIRS. *Va. J. Sci.* 30(2):77. 1979. Abstract only. SFA 25(3)

71-007151 Niederholzer, R. and R. Hófer. THE FEEDING OF ROACH (*RUTILUS RUTILUS* L.) AND RUDD (*SCARDINIUS ERYTHROPHTHALMUS* L.). *Ekol. Pol.* 28(1):45-59. 1980. In English with Polish summ. SFA 25(4)

71-007152 Nielsen, L. A. EFFECT OF WALLEYE (*STIZOSTEDION VITREUM VITREUM*) PREDATION ON JUVENILE MORTALITY AND RECRUITMENT OF YELLOW PERCH (*PERCA FLAVESCENS*) IN ONEIDA LAKE, NEW YORK. *Can. J. Fish. Aquatic Sci.* 37(1):11-19. Jan. 1980. In English with French summ. SFA 25(2)

71-007153 Nikol'skiy, G. V. and Aliyev, D. D. THE ROLE OF FAR EASTERN HERBIVOROUS FISHES IN THE ECOSYSTEMS OF NATURAL WATERS IN WHICH THEY ARE ACCLIMATIZED. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 842-847. 1974. SFA 21(2).

71-007154 O'Brien, W. J.; Slade, N. A. and Vinyard, G. L. APPARENT SIZE AS THE DETERMINANT OF PREY SELECTION BY BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/). *Ecology* 57 (6): 1304-1310. 1976. SFA 22(3)

71-007155 Olatunde, A. A. THE FOOD AND FEEDING HABITS OF /EUTROPIUS NILOTICUS/ (RUPPELL), FAMILY SCHILBEIDAE (OSTEICHTHYES: SILURIFORMES) IN LAKE KAINJI, NIGERIA. *Hydrobiologia* 57 (3): 197-207. 15 Feb. 1978. SFA 23(3)

71-007156 Olatunde, A. A. THE FOOD AND FEEDING HABITS OF /PHYSAILIA PELLUCIDA/ AND /SCHILBE MYSTUS/ WITH NOTES ON THE DIETS OF /S. URANOSCOPUS/ AND /SILURANODON AURITUS/, FAMILY SCHILBEIDAE (OSTEICHTHYES: SILURIFORMES) IN LAKE KAINJI, NIGERIA. *Freshwater Biol.* 9 (3): 183-190. June 1979. SFA 24(4)

71-007157 Olmsted, L. R.; Krater, S.; Williams, G. E. and Jaeger, R. G. FORAGING TACTICS OF THE MIMIC SHINER IN A TWO-PREY SYSTEM. *Copeia* 1979 (3): 437-441. 1 Aug. 1979. SFA 24(4)

71-007158 Orlova, E. L. and Popova, O. A. THE FEEDING OF PREDATORY FISH, THE SHEATFISH, /SILURUS GLANIS/, AND THE PIKE, /ESOX LUCIUS/, IN THE VOLGA DELTA FOLLOWING REGULATION OF THE DISCHARGE OF THE RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 75-87. 1976. SFA 22(3)

71-007159 Ormond, R. F. G. AGGRESSIVE MIMICRY AND OTHER INTERSPECIFIC FEEDING ASSOCIATIONS AMONG RED SEA CORAL REEF PREDATORS. *J. Zool. (Lond.)* 191(2):247-262. June 1980. SFA 25(4)

71-007160 Oswald, R. L. THE USE OF TELEMETRY TO STUDY LIGHT SYNCHRONIZATION WITH FEEDING AND GILL VENTILATION RATES IN /SALMO TRUTTA/. *J. Fish Biol.* 13 (6): 729-739. Dec. 1978. SFA 24(2)

71-007161 Overholtz, W. J. and Nicolas, J. R. APPARENT FEEDING BY THE FIN WHALE, /BALAENOPTERA PHYSALUS/, AND HUMPBACK WHALE, /MEGAPTERA NOVAENGLIAE/, ON THE AMERICAN SAND LANCE, /AMMODYTES AMERICANUS/, IN THE NORTHWEST ATLANTIC. *NOAA Fish. Bull.* 77 (1): 285-287. Jan. 1979. SFA 24(3)

71-007162 Overton, C. K.; Grove, D. A. and Johnson, D. W. FOOD HABITS OF ROCKY MOUNTAIN WHITEFISH (/PROSOPIUM WILLIAMSONI/) FROM THE TETON RIVER IN RELATION TO THEIR AGE AND GROWTH. *Northwest Sci.* 52 (3,Part 1): 226-232. Aug. 1978. SFA 24(1)

71-007163 Oviatt, C. A. and Kremer, P. M. PREDATION ON THE CTENOPHORE, /MNEMIOPSIS LEIDYI/, BY BUTTERFISH, /PEPRILUS TRIACANTHUS/, IN NARRAGANSETT BAY, RHODE ISLAND. *Chesapeake Sci.* 18 (2): 236-240. June 1977. SFA 22(3)

71-007164 Paine, R. T. and Palmer, A. R. /SICYASES SANGUINEUS/: A UNIQUE TROPHIC GENERALIST FROM THE CHILEAN INTERTIDAL ZONE. *Copeia* 1978 (1): 75-81. 10 Feb. 1978. SFA 23(2)

71-007165 Paloheimo, J. E. INDICES OF FOOD TYPE PREFERENCE BY A PREDATOR. *J. Fish. Res. Board Can.* 36 (4): 470-473. Apr. 1979. In English with French summ. SFA 24(3)

71-007166 Paragamian, V. L. FOOD HABITS OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) AT BIG CREEK LAKE. *Proc. Iowa Acad. Sci.* 85 (1): 31-34. Mar. 1978. SFA 23(3)

71-007167 Paragamian, V. L. VULNERABILITY OF THREE SPECIES OF FORAGE FISH TO PREDATION BY SMALLMOUTH BASS IN A HATCHERY TROUGH. *Prog. Fish-Cult.* 38 (2): 86-87. Apr. 1976. SFA 21(3).

71-007168 Parrish, J. D. A TROPHIC STUDY OF THE COMMUNITY OF DEMERSAL FISHES AND BENTHIC INVERTEBRATES NEAR AN OFFSHORE PUERTO RICAN CORAL REEF. *Presented by the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-007169 Pasch, R. W. SOME RELATIONSHIPS BETWEEN FOOD HABITS AND GROWTH OF LARGEMOUTH BASS IN LAKE BLACKSHEAR, GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:307-321. 1975. SFA 21(3).

71-007170 Patten, B. G. BODY SIZE AND LEARNED AVOIDANCE AS FACTORS AFFECTING PREDATION ON COHO SALMON, /ONCORHYNCHUS KISUTCH/, FRY BY TORRENT SCULPIN, /COTTUS RHOTHEUS/. *NOAA Fish. Bull.* 75 (2): 457-459. Apr. 1977. SFA 22(3)

71-007171 Pearcy, W. G. and Hancock, D. FEEDING HABITS OF DOVER SOLE, /MICROSTOMUS PACIFICUS/; REX SOLE, /GLYPTOCEPHALUS ZACHIRUS/; SLENDER SOLE, /LYOPSETTA EXILIS/; AND PACIFIC SANDAB, /CITHARICHTHYS SORDIDUS/, IN A REGION OF DIVERSE SEDIMENTS AND BATHYMETRY OFF OREGON. *NOAA Fish. Bull.* 76 (3): 641-651. July 1978. SFA 24(1)

71-007172 Pearcy, W. G.; C. C. E. Hopkins; S. Grønvik and R. A. Evans. FEEDING HABITS OF COD, CAPELIN, AND HERRING IN BALSFJORDEN, NORTHERN NORWAY, JULY-AUGUST 1978: THE IMPORTANCE OF EUPHAUSIIDS. *Sarsia* 64(4):269-277. 1979. SFA 25(2)

71-007173 Pearson, W. D.; Thomas, G. A. and Clark, A. L. EARLY PISCIVORY AND TIMING OF THE CRITICAL PERIOD IN POSTLARVAL LONGNOSE GAR AT MILE 571 OF THE OHIO RIVER. *Trans. Ky. Acad. Sci.* 40(3/4):122-128. Sept. 1979. SFA 25(1)

71-007174 Pedley, R. B. and Jones, J. W. THE COMPARATIVE FEEDING BEHAVIOUR OF BROWN TROUT, /SALMO TRUTTA/ L. AND ATLANTIC SALMON, /SALMO SALAR/ L. IN LLYN DWYTHWCH, WALES. *J. Fish Biol.* 12 (3): 239-256. Mar. 1978. SFA 23(3)

71-007175 Pemberton, R. SEA TROUT IN NORTH ARGYLL SEA LOCHS: II. DIET. *J. Fish Biol.* 9 (3): 195-208. Sept. 1976. SFA 22(2)

71-007176 Perrin, J. F. STRUCTURE ET FONCTIONNEMENT DES ECOSYSTEMS DU HAUT-RHONE FRANCAIS. 14-ETUDE DES PREFERENCES ALIMENTAIRES DE LA LOCHE FRANCHE (*NOEMACHEILUS BARBATULUS* L.) PAR UNE METHODE DES POINTS MODIFIEE. [STRUCTURE AND FUNCTION OF ECOSYSTEMS OF THE FRENCH UPPER RHONE. 14. STUDY OF FEEDING PREFERENCES OF THE STONE LOACH (*NOEMACHEILUS BARBATULUS* L.) WITH A MODIFIED POINT METHOD.] *Hydrobiologica* 71(3):217-224. 20 June 1980. In French with English summ. SFA 25(4)

71-007177 Peterman, R. M. and Gatto, M. ESTIMATION OF FUNCTIONAL RESPONSES OF PREDATORS ON JUVENILE SALMON. *J. Fish. Res. Board Can.* 35 (6): 797-808. June 1978. In English with French summ. SFA 23(3)

71-007178 Petersen, G. H. and M. A. Curtis. DIFFERENCES IN ENERGY FLOW THROUGH MAJOR COMPONENTS OF SUBARCTIC, TEMPERATE AND TROPICAL MARINE SHELF ECOSYSTEMS. *Dana* 1:53-64. 1980. SFA 25(4)

71-007179 Peterson, C. H. and Bradley, B. P. ESTIMATING THE DIET OF A SLUGGISH PREDATOR FROM FIELD OBSERVATIONS. *J. Fish. Res. Board Can.* 35 (1): 136-141. Jan. 1978. In English with French summ. SFA 23(2)

71-007180 Phillips, R. R. and S. B. Swears. SOCIAL HIERARCHY, SHELTER USE, AND AVOIDANCE OF PREDATORY TOADFISH (*OPSANUS TAU*) BY THE STRIPED BLENNY (*CHASMODES BOSQUIANUS*). *Anim. Behav. (Baillière Tindall, London)* 27(4):1113-1121. Nov. 1979. SFA 25(2)

71-007181 Pietsch, T. W. and Grobecker, D. B. THE COMPLEAT ANGLER: AGGRESSIVE MIMICRY IN AN ANTENNARIID ANGLERFISH. *Science* 201 (4353): 369-370. 28 July 1978. SFA 23(4)

71-007182 Pietsch, T. W. THE FEEDING MECHANISM OF /STYLEPHORUS CHORDATUS/ (TELEOSTEI: LAMPRIDIFORMES): FUNCTIONAL AND ECOLOGICAL IMPLICATIONS. *Copeia* 1978 (2): 255-262. 5 May 1978. SFA 23(3)

71-007183 Plantz, D. V., Jr. SIZE-SELECTIVE PREDATION BY /POECILIOPSIS OCCIDENTALIS/ (BAIRD AND GIRARD). *Ph. D. dissertation, Ariz. State Univ.* 93p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976. SFA 22(2)

71-007184 Popova, O. A. and Sytina, L. A. FOOD AND FEEDING RELATIONS OF EURASIAN PERCH (/PERCA FLUVIATILIS/) AND PIKEPERCH (/STIZOSTEDION LUCIOPERCA/) IN VARIOUS WATERS OF THE USSR. *J. Fish. Res. Board Can.* 34 (10): 1559-1570. Oct. 1977. In English with French summ. SFA 23(1)

71-007185 Portsev, P. I. THE FEEDING OF THE CUTLASSFISH, *TRICHIURUS LEPTURUS* (PISCES, TRICHIURIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):775-781. 1978. SFA 25(2)

71-007186 Possompes, B. P.; Bergot, P. and Luquet, P. MISE AU POINT D'UNE METHODE D'ETUDE TRANSIT GASTRO-INTESTINAL CHEZ LA TRUITE ARC-EN-CIEL /SALMO GAIRDNERII/ RICHARDSON: INFLUENCE DU NOMBRE DE REPAS, DES QUANTITES INGEREES ET DE LA TEMPERATURE D'ACCLIMATATION. [DESCRIPTION OF THE METHOD OF GASTROINTESTINAL TRANSIT STUDY IN TROUT, /SALMO GAIRDNERII/ RICHARDSON. I.--INFLUENCE OF THE NUMBER OF MEALS, QUANITITIES INGESTED, AND TEMPERATURE OF ACCLIMATIZATION.] *Ann. Hydrobiol.* 6(2):131-143. 1975. In French with English summ. SFA 21(1).

71-007187 Potts, D. C. SUPPRESSION OF CORAL POPULATIONS BY FILAMENTOUS ALGAE WITHIN DAMSELFISH TERRITORIES. *J. Exp. Mar. Biol. Ecol.* 28 (3): 207-216. Aug. 1977. SFA 23(1)

71-007188 Powell, A. B. and Schwartz, F. J. FOOD OF /PARALICHTHYS DENTATUS/ AND /P. LETHOSTIGMA/ (PISCES: BOTHIDAE) IN NORTH CAROLINA ESTUARIES. *Estuaries* 2(4):276-279. Dec. 1979. SFA 25(1)

71-007189 Power, G. and Gregoire, J. PREDATION BY FRESHWATER SEALS ON THE FISH COMMUNITY OF LOWER SEAL LAKE, QUEBEC. *J. Fish. Res. Board Can.* 35 (6): 844-850. June 1978. In English with French summ. SFA 23(3)

71-007190 Prejs, A. and Blaszczyk, M. RELATIONSHIPS BETWEEN FOOD AND CELLULASE ACTIVITY IN FRESHWATER FISHES. *J. Fish Biol.* 11 (5): 447-452. Nov. 1977. SFA 23(1)

71-007191 Prince, E. D. and Gotshall, D. W. FOOD OF THE COPPER ROCKFISH, /SEBASTES CAURINUS/ RICHARDSON, ASSOCIATED WITH AN ARTIFICIAL REEF IN SOUTH HUMBOLDT BAY, CALIFORNIA. *Calif. Fish Game* 62 (4): 274-285. Oct. 1976. SFA 21(4).

71-007192 Prince, E. D.; Maughan, O. E. and Clement, G. L. THE FOODS OF CENTRARCHID FISHES ASSOCIATED WITH ARTIFICIAL TIRE REEFS IN SMITH MOUNTAIN LAKE, VIRGINIA. *Va. J. Sci.* 27(2):48. 1976. Abstract only. SFA 21(4)

71-007193 Proskurina, Ye. S. THE FEEDING OF YOUNG FISH IN THE ARAL SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):417-423. 1978. SFA 25(1)

71-007194 Randolph, K. N. and Clemens, H. P. SOME FACTORS INFLUENCING THE FEEDING BEHAVIOR OF CHANNEL CATFISH IN CULTURE PONDS. *Trans. Am. Fish. Soc.* 105 (6): 718-724. Nov. 1976. SFA 22(1)

71-007195 Reddy, S. R. AN EMPIRICAL RELATIONSHIP BETWEEN THE PREY DENSITY AND PREDATORY EFFICIENCY OF /GAMBUSIA AFFINIS/. *Experientia (Basel)* 33 (10): 1321-1323. 15 Oct. 1977. SFA 23(1)

71-007196 Reddy, S. R.; Shakuntala, K. and Rajagopal, K. V. PRELIMINARY STUDIES ON THE CONVERSION OF /TUBIFEX TUBIFEX/ AS FOOD BY ELVERS OF /ANGUILLA NEBULOSA/ (GRAY AND HARDWICKE). *J. Fish Biol.* 11 (3): 279-281. Sept. 1977. SFA 23(1)

71-007197 Reist, J. D. PREDATION UPON PELVIC PHENOTYPES OF BROOK STICKLEBACK, *CULAEA INCONSTANS*, BY SELECTED INVERTEBRATES. *Can. J. Zool.* 58(7):1253-1258. July 1980. In English with French summ. SFA 25(4)

71-007198 Reist, J. D. SELECTIVE PREDATION UPON PELVIC PHENOTYPES OF BROOK STICKLEBACK, *CULAEA INCONSTANS*, BY NORTHERN PIKE, *ESOX LUCIUS*. *Can. J. Zool.* 58(7):1245-1252. July 1980. In English with French summ. SFA 25(4)

71-007199 Repsys, A. J.; Applegate, R. L. and Hales, D. C. FOOD AND FOOD SELECTIVITY OF THE BLACK BULLHEAD, /ICTALURUS MELAS/, IN LAKE POINSETT, SOUTH DAKOTA. *J. Fish. Res. Board Can.* 33 (4,1): 768-775. Apr. 1976. In English with French summ. SFA 21(2).

71-007200 Reynolds, W. W. and Reynolds, L. J. OBSERVATIONS ON FOOD HABITS OF THE ANGELFISHES /POMACANTHUS ZONIPECTUS/ AND /HOLACANTHUS PASSER/ IN THE GULF OF CALIFORNIA. *Calif. Fish Game* 63 (2): 124-125. Apr. 1977. SFA 22(3)

71-007201 Rhodes, R. J. and McComish, T. S. OBSERVATIONS ON THE ADULT ALEWIFE'S FOOD HABITS (PISCES: CLUPEIDAE: /ALOSA PSEUDOHARENGUS/) IN INDIANA'S WATERS OF LAKE MICHIGAN IN 1970. *Ohio J. Sci.* 75 (1): 50-55. Jan. 1975.

71-007202 Rimmer, D. M. and Power, G. FEEDING RESPONSE OF ATLANTIC SALMON (/SALMO SALAR/) ALEVINS IN FLOWING AND STILL WATER. *J. Fish. Res. Board Can.* 35 (3): 329-332. Mar. 1978. In English with French summ. SFA 23(2)

71-007203 Ringler, N. H. SELECTIVE PREDATION BY DRIFT-FEEDING BROWN TROUT (/SALMO TRUTTA/). *J. Fish. Res. Board Can.* 36 (4): 392-403. Apr. 1979. In English with French summ. SFA 24(3)

71-007204 Ringler, N. H. THE MECHANISM OF SELECTIVE PREDATION IN DRIFT-FEEDING BROWN TROUT (/SALMO TRUTTA/). *Ph.D. dissertation, Univ. Mich.* 209p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-007205 Robb, A. P. and J. R. G. Hislop. THE FOOD OF FIVE GADOID SPECIES DURING THE PELAGIC 0-GROUP PHASE IN THE NORTHERN NORTH SEA. *J. Fish Biol.* 16(2):199-217. Feb. 1980. SFA 25(2)

71-007206 Robotham, P. W. J. FEEDING HABITS AND DIET IN TWO POPULATIONS OF SPINED LOACH, /COBITIS TAENIA/ (L.). *Freshwater Biol.* 7 (5): 469-477. Oct. 1977. SFA 23(1)

71-007207 Roger, C. and Grandperrin, R. PELAGIC FOOD WEBS IN THE TROPICAL PACIFIC. *Limnol. Oceanogr.* 21 (5): 731-735. Sept. 1976. SFA 21(4).

71-007208 Rogers, R. M., Jr. TROPHIC INTERRELATIONSHIPS OF SELECTED FISHES ON THE CONTINENTAL SHELF OF THE NORTHERN GULF OF MEXICO. *Ph.D. dissertation, Tex. A&M Univ.* 244p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3518. Feb. 1977. SFA 23(3)

71-007209 Roland, W. FEEDING BEHAVIOUR OF THE KELP CLINGFISH /RIMICOLA MUSCARUM/ RESIDING ON THE KELP /MACROCYSTIS INTEGRIFOLIA/. *Can. J. Zool.* 56 (4): 711-712. Apr. 1978. In English with French summ. SFA 23(3)

71-007210 Ross, S. T. PATTERNS OF RESOURCE PARTITIONING IN SEAROBINS (PISCES: TRIGLIDAE). *Copeia* 1977 (3): 561-571. 25 Aug. 1977. SFA 22(4)

71-007211 Ross, S. T. TROPHIC ONTOGENY OF THE LEOPARD SEAROBIN, /PRIONOTUS SCITULUS/ (PISCES: TRIGLIDAE). *NOAA Fish. Bull.* 76 (1): 225-234. Jan. 1978. SFA 23(3)

71-007212 Sadzikowski, M. R. and Wallace, D. C. COMPARISON OF THE FOOD HABITS OF SIZE CLASSES OF THREE SUNFISHES (/LEPOMIS MACROCHIRUS/ RAFINESQUE, /L. GIBBOSUS/ (LINNAEUS) AND /L. CYANELLUS/ RAFINESQUE). *Am. Midl. Nat.* 95(1):220-225. Jan. 1976. SFA 21(1).

71-007213 Sagua, V. O. OBSERVATIONS ON THE FOOD AND FEEDING HABITS OF THE AFRICAN ELECTRIC CATFISH /MALAPTERURUS ELECTRICUS/ (GMELIN). *J. Fish Biol.* 15(1):61-69. July 1979. SFA 25(1)

71-007214 Saiki, M. K. and Ziebell, C. D. SOME TROPHIC RELATIONSHIPS OF THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ (LACEPEDE), IN A SOUTHWESTERN IMPOUNDMENT. *J. Ariz. Acad. Sci.* 11(3):99-104. Oct. 1976. SFA 23(4)

71-007215 Saiki, M. K. MEAN BULK INDEX METHOD OF FISH FOOD ANALYSIS. *Prog. Fish-Cult.* 38(1):55-56. Jan. 1976. SFA 21(1).

71-007216 Sarker, A. L. FEEDING ECOLOGY OF THE BLUEGILL, /LEPOMIS MACROCHIRUS/, IN TWO HEATED RESERVOIRS OF TEXAS. III. TIME OF DAY AND PATTERNS OF FEEDING. *Trans. Am. Fish. Soc.* 106 (6): 596-601. Nov. 1977. SFA 23(2)

71-007217 Scalet, C. G. SUMMER FOOD HABITS OF SYMPATRIC STREAM POPULATIONS OF SPOTTED BASS, /MICROPTERUS PUNCTULATUS/, AND LARGEMOUTH BASS, /M. SALMOIDES/, (OSTEICHTHYES: CENTRARCHIDAE). *Southwest. Nat.* 21 (4): 493-501. 10 Feb. 1977. SFA 22(3)

71-007218 Schenck, J. R. and Whiteside, B. G. FOOD HABITS AND FEEDING BEHAVIOR OF THE FOUNTAIN DARTER, /ETHEOSTOMA FONTICOLA/ (OSTEICHTHYES: PERCIDAE). *Southwest. Nat.* 21 (4): 487-492. 10 Feb. 1977. SFA 22(3)

71-007219 Schramm, H. L., Jr. TEMPORAL ASPECTS OF FEEDING BEAHVIOR OF THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES SALMOIDES/ (LACEPEDE). *Ph.D. dissertation, Univ. South. Ill. (Carbondale)* 340p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2076. Nov. 1977. SFA 23(3)

71-007220 Schreiber, D. C. RELACIONES DE ALIMENTACION DE PECES EN ARAVAIPA CREEK, ARIZONA. [FEEDING INTERRELATIONSHIPS OF FISHES OF ARAVAIPA CREEK, ARIZONA.] *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:44. 30 Jan. 1980. In Spanish and English. Abstract only. SFA 25(3)

71-007221 Schwartz, F. J. and Porter, H. J. FISHES, MACROINVERTEBRATES, AND THEIR ECOLOGICAL INTERRELATIONSHIPS WITH A CALICO SCALLOP BED OFF NORTH CAROLINA. *NOAA Fish. Bull.* 75 (2): 427-446. Apr. 1977. SFA 22(3)

71-007222 Scura, E. D. and Jerde, C. W. VARIOUS SPECIES OF PHYTOPLANKTON AS FOOD FOR LARVAL NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, AND RELATIVE NUTRITIONAL VALUE OF THE DINOFLAGELLATES /GYMNODINUM SPLENDENS/ AND /GONYAULAX POLYEDRA/. *NOAA Fish. Bull.* 75(3):577-583. July 1977. SFA 23(1)

71-007223 Sekiguchi, H. [FURTHER OBSERVATION ON THE FEEDING HABITS OF PLANKTIVOROUS FISH SAND-EEL IN ISE BAY.] *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 417-422. Apr. 1977. In Japanese with English summ. SFA 22(4)

71-007224 Sekiguchi, H. /ACARTIA CLAUSI/ (COPEPODA: CALANOIDA) IN THE GUTS OF PLANKTIVOROUS SANDEELS. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 695. June 1978. SFA 23(4)

71-007225 Selgeby, J. H.; MacCallum, W. R. and Swedberg, D. V. PREDATION BY RAINBOW SMELT (/OSMERUS MORDAX/) ON LAKE HERRING (/COREGONUS ARTEDII/) IN WESTERN LAKE SUPERIOR. *J. Fish. Res. Board Can.* 35(11):1457-1463. Nov. 1978. In English with French summ. SFA 24(1)

71-007226 Shah, K. L. STUDIES ON THE FOOD AND FEEDING HABITS OF BROWN TROUT /SALMO TRUTTA/ L. IN RIVER BEAS. *J. Inland Fish. Soc. India* 7: 101-104. Dec. 1975. SFA 24(3)

71-007227 Shanbhogue, S. L. STUDIES ON FOOD AND FEEDING HABITS OF PEAMOUTH (/MYLOCHEILUS CAURINUS/) IN LAKE WASHINGTON. *Ph. D. dissertation, Univ. Wash.* 127p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-007228 Shane, S. SUCKERFISH ATTACHED TO A BOTTLENOSE DOLPHIN IN TEXAS. *J. Mammal.* 59 (2): 439-440. May 1978. SFA 23(4)

71-007229 Sheldon, R. W.; Sutcliffe, W. H., Jr. and Paranjape, M. A. STRUCTURE OF PELAGIC FOOD CHAIN AND RELATIONSHIP BETWEEN PLANKTON AND FISH PRODUCTION. *J. Fish. Res. Board Can.* 34 (12): 2344-2353. Dec. 1977. In English with French summ. SFA 23(2)

71-007230 Shelton, R. G. J. ON THE FEEDING OF THE HAGFISH /MYXINE GLUTINOSA/ IN THE NORTH SEA. *J. Mar. Biol. Assoc. U.K.* 58 (1): 81-86. Feb. 1978. SFA 23(2)

71-007231 Sheridan, P. F. TROPHIC RELATIONSHIPS OF DOMINANT FISHES IN THE APALACHICOLA BAY SYSTEM (FLORIDA). *Ph.D. dissertation, Fla. State Univ.* 232p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1081. Sept. 1978. SFA 24(1)

71-007232 Sheridan, P. F. FOOD HABITS OF THE BAY ANCHOVY, /ANCHOA MITCHILLI/, IN APALACHICOLA BAY, FLORIDA. *Northeast Gulf Sci.* 2 (2): 126-132. Dec. 1978. SFA 24(3)

71-007233 Shireman, J. V.; Colle, D. E. and Rottmann, R. W. SIZE LIMITS TO PREDATION ON GRASS CARP BY LARGEMOUTH BASS. *Trans. Am. Fish. Soc.* 107 (1): 213-215. Jan. 1978. SFA 23(3)

71-007234 Shubnikov, D. A. A COASTAL-ESTUARINE COMMUNITY OF FISHES OF THE NORTH INDIAN OCEAN AND THE ECOLOGICAL RELATIONSHIPS OF ITS COMPONENTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 693-709. 1978. SFA 24(1)

71-007235 Sibert, J. R. DETRITUS AND JUVENILE SALMON PRODUCTION IN THE NANAIMO ESTUARY: II. MEIOFAUNA AVAILABLE AS FOOD TO JUVENILE CHUM SALMON (/ONCORHYNCHUS KETA/). *J. Fish. Res. Board Can.* 36 (5): 497-503. May 1979. In English with French summ. SFA 24(3)

71-007236 Sibert, J.; Brown, T. J.; Healey, M. C.; Kask, B. A. and Naiman, R. S. DETRITUS-BASED FOOD WEBS: EXPLOITATION BY JUVENILE CHUM SALMON (/ONCORHYNCHUS KETA/). *Science* 195(4290):649-650. 6 May 1977. SFA 22(3)

71-007237 Simenstad, C. A. and Lipovsky, S. J. FISH FOOD HABITS STUDIES. *Proc. First Pac. Northwest Tech. Workshop, Univ. Wash. Sea Grant Publ.* WSG-WO-77-2. 193p. 1978. SFA 23(3)

71-007238 Sirotenko, M. D. and Istomin, A. I. SEASONAL CHANGES IN THE FOOD OF THE "BLACK SEA SCAD", /TRACHURUS MEDITERRANEUS PONTICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):424-431. 1978. SFA 25(1)

71-007239 Sirotenko, M. D. and Danilevskiy, N. N. QUANTITATIVE INDICES OF THE FEEDING OF THE BLACK SEA ANCHOVY, /ENGRAULIS ENCRASICHOLUS PONTICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 610-617. 1977. SFA 23(4)

71-007240 Sirotenko, M. D. and Budnichenko, E. V. THE QUANTITATIVE INDICES CHARACTERIZING THE FEEDING OF THE ANCHOVY, /ENGRAULIS ENCRASICHOLUS PONTICUS/, IN THE BLACK SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 970-980. 1975. SFA 22(1)

71-007241 Slonova, S. A. THE FEEDING OF THE WHITE SEA HERRING, /CLUPEA HARENGUS MARIS-ALBI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 908-912. 1977. SFA 24(1)

71-007242 Smirnov, Yu. A.; Shastov, Yu. A. and Khrennikov, V. V. ON THE BEHAVIOR AND FEEDING OF JUVENILE ONEGA SALMON (/SALMO SALAR/ MORPHA /SEBAGO/) IN THE WINTER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 503-506. 1976. SFA 22(4)

71-007243 Smith, A. O. SOME ASPECTS OF TROPHIC RELATIONS OF GIZZARD SHAD, /DOROSOMA CEPEDIANUM/. *Ph. D. dissertation, Va. Polytech. Inst. & State Univ.* 98p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-007244 Smith, T. G. THE WOLFFISH, CF. /ANARHICHAS DENTICULATUS/, NEW TO THE AMUNDSEN GULF AREA, NORTHWEST TERRITORIES, AND A PROBABLE PREY OF THE RINGED SEAL. *Can. Field-Nat.* 91 (3): 288. July-Sept. 1977. SFA 23(1)

71-007245 Smith, W. E. LARVAL FEEDING AND RAPID MATURATION OF BLUEGILLS IN THE LABORATORY. *Prog. Fish-Cult.* 38 (2): 95-97. Apr. 1976. SFA 21(3).

71-007246 Smyly, W. J. P. FURTHER OBSERVATIONS ON LIMNETIC ZOOPLANKTON IN A SMALL LAKE AND TWO ENCLOSURES CONTAINING FISH. *Freshwater Biol.* 8(5):491-495. Oct. 1978. SFA 24(2)

71-007247 Sosiak, A. J.; Randall, R. G. and McKenzie, J. A. FEEDING BY HATCHERY-REARED AND WILD ATLANTIC SALMON (/SALMO SALAR/) PARR IN STREAMS. *J. Fish. Res. Board Can.* 36(11):1408-1412. Nov. 1979. In English with French summ. SFA 25(1)

71-007248 Spanovskaya, V. D. and Grygorash, V. A. DEVELOPMENT AND FOOD OF AGE-0 EURASIAN PERCH (/PERCA FLUVIATILIS/) IN RESERVOIRS NEAR MOSCOW, USSR. *J. Fish. Res. Board Can.* 34 (10): 1551-1558. Oct. 1977. In English with French summ. SFA 23(1)

71-007249 Spataru, P. and Zorn, M. FOOD AND FEEDING HABITS OF /TILAPIA AUREA/ (STEINDACHNER) (CICHLIDAE) IN LAKE KINNERET (ISRAEL). *Aquaculture* 13 (1): 67-79. Jan. 1978. SFA 23(3)

71-007250 Spataru, P. and Zorn, M. SOME ASPECTS OF NATURAL FEED AND FEEDING HABITS OF /TILAPIA GALILAEA/ (ARTEDI) AND /TILAPIA AUREA/ STEINDACHNER IN LAKE KINERET. *Bamidgeh* 28(1/2):12-17. 1976. SFA 21(3).

71-007251 Spataru, P. FOOD AND FEEDING HABITS OF /TILAPIA ZILLII/ (GERVAIS) (CICHLIDAE) IN LAKE KINNERET (ISRAEL). *Aquaculture* 14 (4): 327-338. Aug. 1978. SFA 24(1)

71-007252 Spataru, P. GUT CONTENTS OF SILVER CARP--/HYPOPHTHALMICHTHYS MOLITRIX/ (VAL.)--AND SOME TROPHIC RELATIONS TO OTHER FISH SPECIES IN A POLYCULTURE SYSTEM. *Aquaculture* 11(2):137-146. June 1977. SFA 22(4)

71-007253 Spoustova, J. POTRAVA NEKTERYCH DRUHU RYB VE VODARENSKYCH NADRZICH HUBENOV A ZELIVKA. [THE FOOD EATEN BY CERTAIN FISH SPECIES IN THE WATER-SUPPLY RESERVOIRS HUBENOV AND ZELIVKA.] *Vertebr. Zpravy* 1978:80-83. 1978. In Czech with English summ. SFA 24(3)

71-007254 Sreenivasan, P. V. OBSERVATIONS ON THE FOOD AND FEEDING HABITS OF THE 'TORPEDO TREVALLY' /MEGALASPIS CORDYLA/ (LINNAEUS) FROM VIZHINJAM BAY. *Indian J. Fish.* 21 (1): 76-84. 1974. SFA 23(2)

71-007255 Stasiak, R. H. FOOD, AGE AND GROWTH OF THE PEARL DACE, /SEMOTILUS MARGARITA/, IN NEBRASKA. *Am. Midl. Nat.* 100 (2): 463-466. Oct. 1978. SFA 24(2)

71-007256 Stauffer, J. R., Jr.; Wilson, J. H. and Dickson, K. L. COMPARISON OF STOMACH CONTENTS AND CONDITION OF TWO CATFISH SPECIES LIVING AT AMBIENT TEMPERATURES AND IN A HEATED DISCHARGE. *Prog. Fish-Cult.* 38(1):33-35. Jan. 1976. SFA 21(1).

71-007257 Stauffer, T. M. and Wagner, W. C. FISH PREDATION ON LAKE TROUT EGGS AND FRY IN THE GREAT LAKES, 1973-1978. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* no. 1864. 13p. 22 Feb. 1979. SFA 24(3)

71-007258 Stein, R. A. and Gosse, C. K. SELECTIVE PREDATION BY REDEAR SUNFISH ON THREE SPECIES OF FRESHWATER SNAILS. *Bull. Ecol. Soc. Am.* 60 (2): 113. June 1979. Abstract only. SFA 24(4)

71-007259 Stein, R. A. and Magnuson, J. J. BEHAVIORAL RESPONSE OF CRAYFISH TO A FISH PREDATOR. *Ecology* 57 (4): 751-761. 1976. SFA 22(1)

71-007260 Stein, R. A. SELECTIVE PREDATION, OPTIMAL FORAGING, AND THE PREDATOR-PREY INTERACTION BETWEEN FISH AND CRAYFISH. *Ecology* 58 (6): 1237-1253. 1977. SFA 23(3)

71-007261 Stein, R. A.; Kitchell, J. F. and Knezevic, B. SELECTIVE PREDATION BY CARP (/CYPRINUS CARPIO/ L.) ON BENTHIC MOLLUSCS IN SKADAR LAKE, YUGOSLAVIA. *J. Fish Biol.* 7 (3): 391-399. May 1975. SFA 22(2)

71-007262 Stein, R. A., Jr. SELECTIVE PREDATION, OPTIMAL FORAGING, AND RESOURCE DEPRESSION WITHIN THE PREDATOR-PREY INTERACTION BETWEEN FISH AND CRAYFISH. *Ph. D. dissertation, Univ. Wis. (Madison)* 213p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-007263 Stenson, J. A. E. RELATIONS BETWEEN VERTEBRATE AND INVERTEBRATE ZOOPLANKTON PREDATORS IN SOME ARCTIC LAKES. *Astarte* 11 (1): 21-26. 1978. SFA 24(2)

71-007264 Stickney, R. R. and R. B. McGeachin. FOOD HABITS OF FISHES ASSOCIATED WITH MARSHLAND DEVELOPED ON DREDGED MATERIAL. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:547-560. 1978[1979]. SFA 25(2)

71-007265 Stickney, R. R. FOOD HABITS OF GEORGIA ESTUARINE FISHES II. /SYMPHURUS PLAGIUSA/ (/PLEURONECTIFORMES: CYNOGLOSSIDAE/). *Trans. Am. Fish. Soc.* 105(2):202-207. Mar. 1976. SFA 21(2).

71-007266 Stiven, A. E. and R. T. Kneib. SOME RESPONSES OF THE SALT MARSH INFAUNAL AND EPIFAUNAL COMMUNITIES TO FISH PREDATION AND *SPARTINA* LITTER. *Bull. Ecol. Soc. Am.* 61(2):98. June 1980. Abstract only. SFA 25(4)

71-007267 Stoner, A. W. THE MACROBENTHOS OF SEAGRASS MEADOWS IN APALACHEE BAY, FLORIDA, AND THE FEEDING ECOLOGY OF *LAGODON RHOMBOIDES* (PISCES: SPARIDAE). *Ph.D. dissertation, Fla. State Univ.* 187p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4105. Mar. 1980. SFA 25(2)

71-007268 Strauss, R. E. RELIABILITY ESTIMATES FOR IVLEV'S ELECTIVITY INDEX, THE FORAGE RATIO, AND A PROPOSED LINEAR INDEX OF FOOD SELECTION. *Trans. Am. Fish. Soc.* 108(4):344-352. July 1979. SFA 25(1)

71-007269 Sublette, J. M. THE SUMMER FOOD HABITS OF /NOTROPIS LUTRENSIS/, THE RED SHINER. *N. M. Acad. Sci. Bull.* 16 (1): 20. Dec. 1975. SFA 22(4)

71-007270 Sullivan, J. F. and Atchison, G. J. PREDATOR-PREY BEHAVIOUR OF FATHEAD MINNOWS, /PIMEPHALES PROMELAS/ AND LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ IN A MODEL ECOSYSTEM. *J. Fish Biol.* 13 (2): 249-253. Aug. 1978. SFA 24(1)

71-007271 Swenson, W. A. FOOD CONSUMPTION OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND SAUGER (/S. CANADENSE/) IN RELATION TO FOOD AVAILABILITY AND PHYSICAL CONDITIONS IN LAKE OF THE WOODS, MINNESOTA, SHAGAWA LAKE, AND WESTERN LAKE SUPERIOR. *J. Fish. Res. Board Can.* 34(10):1643-1654. Oct. 1977. In English with French summ. SFA 23(1)

71-007272 Talent, L. G. FOOD HABITS OF THE LEOPARD SHARK, /TRIAKIS SEMIFASCIATA/, IN ELKHORN SLOUGH, MONTEREY BAY, CALIFORNIA. *Calif. Fish Game* 62 (4): 286-298. Oct. 1976. SFA 21(4).

71-007273 Tarby, M. J. ENERGETICS AND GROWTH OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) IN ONEDIA LAKE, NEW YORK. *Ph.D. dissertation, Cornell Univ.* 120p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(12):5739. June 1978. SFA 23(4)

71-007274 Targett, T. E. TROPHIC ECOLOGY AND STRUCTURE OF COASTAL ANTARCTIC FISH COMMUNITIES. *Ph.D. dissertation, Univ. Me.* 86p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5527. June 1980. SFA 25(3)

71-007275 Taylor, E. A. FOOD HABITS OF LARVAL /LEPOMIS/ SPP. IN OLD HICKORY RESERVOIR, TENNESSEE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:432-436. 1977[1979]. SFA 24(4)

71-007276 Taylor, W. W. and S. D. Gerking. POPULATION DYNAMICS OF *DAPHNIA PULEX* AND UTILIZATION BY THE RAINBOW TROUT *(SALMO GAIRDNERI)*. *Hydrobiologia* 71(3):277-287. 20 June 1980. SFA 25(4)

71-007277 Taylor, W. W. RAINBOW TROUT PREDATION ON THE POPULATION OF /DAPHNIA PULEX/ IN BECKER LAKE, ARIZONA. *Ph.D. dissertation, Ariz. State Univ.* 95p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1130. Sept. 1978. SFA 24(1)

71-007278 Teguh, S. A. THE FOOD OF THE /OSTEOCHILUS HASSELTII/, NILEM, IN THE RAWA PENING LAKE. *J. Satya Wacana Res.* 1 (1): 24-32. 1978. SFA 24(4)

71-007279 Terrell, J. W. and Fox, A. C. FOOD HABITS, GROWTH, AND CATCHABILITY OF GRASS CARP IN THE ABSENCE OF AQUATIC VEGETATION. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 251-259. 1975. SFA 21(3).

71-007280 Thayer, G. W. and Phillips, R. C. IMPORTANCE OF EELGRASS BEDS IN PUGET SOUND. *Mar. Fish. Rev.* 39(11):18-22. Nov. 1977. SFA 23(2)

71-007281 Thomas, G. THE INFLUENCE OF EATING AND REJECTING PREY ITEMS UPON FEEDING AND FOOD SEARCHING BEHAVIOUR IN /GASTEROSTEUS ACULEATUS/ L. *Anim. Behav.* 25 (1): 52-66. Feb. 1977. SFA 22(4)

71-007282 Thorp, J. H. and Bergey, E. A. PREDATION AND BENTHIC COMMUNITY ORGANIZATION IN A THERMALLY DESTABILIZED RESERVOIR. *Bull. Ecol. Soc. Am.* 60 (2): 114. June 1979. Abstract only. SFA 24(4)

71-007283 Thorpe, J. E. DAILY RATION OF ADULT PERCH, /PERCA FLUVIATILIS/ L. DURING SUMMER IN LOCH LEVEN, SCOTLAND. *J. Fish Biol.* 11 (1): 55-68. July 1977. SFA 22(4)

71-007284 Thresher, R. E. POSSIBLE MUCOPHAGY BY JUVENILE /HOLACANTHUS TRICOLOR/ (PISCES: POMACANTHIDAE). *Copeia* 1979 (1): 160-162. 20 Feb. 1979. SFA 24(2)

71-007285 Tiews, K.; Divino, P.; Ronquillo, I. A. and Marquez, J. ON THE FOOD AND FEEDING HABITS OF EIGHT SPECIES OF /LEIOGNATHUS/ FOUND IN MANILA BAY AND SAN MIGUEL BAY. *Philipp. J. Fish.* 11 (1-2): 62-72. 1973. SFA 22(1)

71-007286 Timokhina, A. F. FEEDING AND DAILY FOOD CONSUMPTION OF THE BLUE WHITING [/MICROMESISTIUS POUTASSOU/] IN THE NORWEGIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhiol.)* 14(5):760-765. 1974. SFA 21(2).

71-007287 Tippets, W. E. and Moyle, P. B. EPIBENTHIC FEEDING BY RAINBOW TROUT (/SALMO GAIRDNERI/) IN THE MCCLOUD RIVER, CALIFORNIA. *J. Anim. Ecol.* 47 (2): 549-559. June 1978. SFA 23(4)

71-007288 Todd, E. S. TERRESTRIAL GRAZING BY THE EASTERN TROPICAL PACIFIC GOBY /GOBIONELLUS SAGITTULA/. *Copeia* 1976 (2): 374-377. May 1976. SFA 21(2).

71-007289 Tremblay, D. and G. J. Fitzgerald. SOCIAL ORGANIZATION AS AN ANTI-PREDATOR STRATEGY IN FISH. *Nat. Can. (Que.)* 106(3):411-413. May-June 1979. In English with French summ. SFA 25(2)

71-007290 Tricas, T. C. RELATIONSHIPS OF THE BLUE SHARK, /PRIONACE GLAUCA/, AND ITS PREY SPECIES NEAR SANTA CATALINA ISLAND, CALIFORNIA. *NOAA Fish. Bull.* 77 (1): 175-182. Jan. 1979. SFA 24(3)

71-007291 Troshicheva, N. V. THE ROLE OF THE PROSENCEPHALON AND VISUAL RECEPTION IN THE FOOD REFLEXES OF TWO SPECIES OF SCULPINS [COTTIDAE] IN THE BARENTS SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhitol.)* 14(5):784-787. 1974. SFA 21(2).

71-007292 Tseytlin, V. B. and Gorelova, T. A. STUDY OF THE FEEDING OF THE LANTERNFISH /MYCTOPHUM NITIDULUM/ (MYCTOPHIDAE, PISCES). *Oceanology* 18 (4): 488-492. Feb. 1979. SFA 24(4)

71-007293 Tseytlin, V. B. STRATEGY OF HUNTING AND VERTICAL DISTRIBUTION OF PELAGIC ZOOPLANKTIVOROUS ANIMALS IN A TROPICAL OCEAN. *Oceanology* 16(5):507-513. Apr. 1977. SFA 22(4)

71-007294 Tugarina, P. Ya. and Yel'tsova, V. N. THE FEEDING OF THE EASTERN CARP (/CYPRINUS CARPIO HAEMATOPTERUS/) AND ITS FOOD RELATIONSHIPS WITH THE INDIGENOUS FISHES IN LAKE GUSINOYE (BAIKAL BASIN). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 571-582. 1974. SFA 21(2).

71-007295 Twongo, T. K. and MacCrimmon, H. R. HISTOGENESIS OF THE OROPHARYNGEAL AND OESOPHAGEAL MUCOSA AS RELATED TO EARLY FEEDING IN RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *Can. J. Zool.* 55 (1): 116-128. Jan. 1977. In English with French summ. SFA 22(4)

71-007296 Tyler, H. R., Jr. and Pearcy, W. G. THE FEEDING HABITS OF THREE SPECIES OF LANTERNFISHES (FAMILY MYCTOPHIDAE) OFF OREGON, USA. *Mar. Biol.* 32(1):7-11. 22 Sept. 1975. SFA 22(2)

71-007297 Uotani, I.; Izuha, A. and Asai, K. [FOOD HABITS AND SELECTIVE FEEDING OF ANCHOVY LARVAE (/ENGRAULIS JAPONICA/).] *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 427-434. May 1978. In Japanese with English summ. SFA 23(4)

71-007298 Ursin, E. ON THE PREY SIZE PREFERENCES OF COD AND DAB. *Medd. Dan. Fisk.- Havunders.* 7: 85-98. 1973. SFA 24(2)

71-007299 Urzua P., R.; Diaz M., C.; Karmy B., E. and Moreno M., C. ALIMENTACION NATURAL DE /BASILICHTHYS AUSTRALIS/ (EIGENMANN) EN TEJAS VERDES, CHILE. (ATHERINIFORMES, ATHERINIDAE). [NATURAL FOODS OF /BASILICHTHYS AUSTRALIS/ (EIGENMANN) IN TEJAS VERDES, CHILE (ANTHERINIFORMES, ATHERINIDAE).] *Biol. Pesq. Chile* No. 9. p. 45-61. Aug. 1977. In Spanish with English summ. SFA 23(2)

71-007300 van den Broek, W. L. F. DIETARY HABITS OF FISH POPULATIONS IN THE LOWER MEDWAY ESTUARY. *J. Fish Biol.* 13 (5): 645-654. Nov. 1978. SFA 24(2)

71-007301 van der Westhuizen, H. C. and Marais, J. F. K. STOMACH CONTENT ANALYSES OF /POMADASYS COMMERSONNI/ FROM THE SWARTKOPS ESTUARY (PISCES: POMADASYIDAE). *Zool. Afr.* 12 (2): 500-504. 1977. SFA 23(3)

71-007302 Van Dyke, J. M. and Sutton, D. L. DIGESTION OF DUCKWEED (/LEMNA/ SPP.) BY THE GRASS CARP (/CTENOPHARYNGODON IDELLA/). *J. Fish Biol.* 11 (3): 273-278. Sept. 1977. SFA 23(1)

71-007303 Varley, J. D. THE INFLUENCE OF RAINBOW TROUT GRAZING ON ZOOPLANKTON IN FLAMING GORGE RESERVOIR. *Utah State Div. Wildl. Resour. Publ.* No. 75-5. 11p. 1979. SFA 24(3)

71-007304 Vaughan, F. A. FOOD HABITS OF THE SEA BREAM, /ARCHOSARGUS RHOMBOIDALIS/ (LINNAEUS), AND COMPARATIVE GROWTH ON PLANT AND ANIMAL FOOD. *Bull. Mar. Sci.* 28 (3): 527-536. July 1978. SFA 23(4)

71-007305 Vince, S.; Valiela, I.; Backus, N. and Teal, J. M. PREDATION BY THE SALT MARSH KILLIFISH /FUNDULUS HETEROCLITUS/ (L.) IN RELATION TO PREY SIZE AND HABITAT STRUCTURE: CONSEQUENCES FOR PREY DISTRIBUTION AND ABUNDANCE. *J. Exp. Mar. Biol. Ecol.* 23 (3): 255-266. Sept. 1976. SFA 21(3).

71-007306 Vinogradov, V. I. DAILY FEEDING RHYTHMS AND FOOD RATIONS OF THE SILVER HAKE, /MERLUCCIUS BILINEARIS/, AND THE RED HAKE, /UROPHYCIS CHUSS/, IN THE NORTH-WEST ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 600-610. 1977. SFA 23(4)

71-007307 Vinyard, G. AN OSTRACOD (/CYPRIODOPSIS VIDUA/) CAN REDUCE PREDATION FROM FISH BY RESISTING DIGESTION. *Am. Midl. Nat.* 102(1):188-190. July 1979. SFA 25(1)

71-007308 Vinyard, G. L. AN ANALYSIS OF PREFERENCE AND ACCESSIBILITY AS DETERMINANTS OF PREY CHOICE BY THE BLUEGILL SUNFISH, (/LEPOMIS MACROCHIRUS/). *Ph.D. dissertation, Univ. Kans.* 79p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3044. Jan. 1978. SFA 23(3)

71-007309 Vinyard, G. L. and O'Brien, W. J. MODEL PREDICTING FEEDING RATE AND DIET COMPOSITION OF BLUEGILL SUNFISH FEEDING ON ZOOPLANKTON PREY. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-007310 Virnstein, R. W. THE IMPORTANCE OF PREDATION BY CRABS AND FISHES ON BENTHIC INFAUNA IN CHESAPEAKE BAY. *Ecology* 58 (6): 1199-1217. 1977. SFA 23(3)

71-007311 Virnstein, R. W. PREDATION ON ESTUARINE INFAUNA: RESPONSE PATTERNS OF COMPONENT SPECIES. *Estuaries* 2 (2): 69-86. June 1979. SFA 24(3)

71-007312 Virnstein, R. W. THE EFFECTS OF PREDATION BY EPIBENTHIC CRABS AND FISHES ON BENTHIC INFAUNA IN CHESAPEAKE BAY. *Ph. D. dissertation, Coll. William and Mary in Va.* 69p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-007313 Vivekanandan, E. SURFACING ACTIVITY AND FOOD UTILISATION IN THE OBLIGATORY AIR-BREATHING FISH /OPHIOCEPHALUS STRIATUS/ AS A FUNCTION OF BODY WEIGHT. *Hydrobiologia* 55 (2): 99-112. 18 Aug. 1977. SFA 23(1)

71-007314 von Ende, C. n. FISH PREDATION, INTERSPECIFIC PREDATION, AND THE DISTRIBUTION OF TWO /CHAOBORUS/ SPECIES. *Ecology* 60 (1): 119-128. Feb. 1979. SFA 24(3)

71-007315 Von Geldern, C., Jr. and Mitchell, D. F. LARGEMOUTH BASS AND THREADFIN SHAD IN CALIFORNIA. *IN H. Clepper, ed. Black Bass Biology and Management Sport Fishing Inst., Washington, D.C.* 436-449. 1975. SFA 21(3).

71-007316 Von Westernhagen, H. and Rosenthal, H. PREDATOR-PREY RELATIONSHIP BETWEEN PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/, LARVAE AND A PREDATORY HYPERIID AMPHIPOD, /HYPEROCHE MEDUSARUM/. *NOAA Fish. Bull.* 74(3):669-674. July 1976. SFA 21(3).

71-007317 Vostradovska, M. K POTRAVNI BIOLOGII STIKY OBECNE VE VODARENSKYCH NADRZICH ZELIVKA A HUBENOV. [ON THE TROPHIC BIOLOGY OF PIKE IN THE WATER-SUPPLY RESERVOIRS ZELIVKA AND HUBENOV.] *Vertebr. Zpravy* 1978: 74-80. 1978. In Czech with English summ. SFA 24(3)

71-007318 Walker, M. H. FOOD AND FEEDING HABITS OF /LETHRINUS CHRYSOSTOMUS/ RICHARDSON (PISCES: PERCIFORMES) AND OTHER LETHRINIDS ON THE GREAT BARRIER REEF. *Aust. J. Mar. Freshwater Res.* 29 (5): 623-630. Oct. 1978. SFA 24(2)

71-007319 Walker, W. H. TROPHIC RELATIONSHIPS OF THE MOTTLED SCULPIN, /COTTUS BAIRDI/ IN A WOODLAND STREAM, LINESVILLE CREEK, CRAWFORD COUNTY, PENNSYLVANIA. *Ph.D. dissertation, Univ. Pittsburgh* 378p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(4).

71-007320 Wallace, D. C. FEEDING BEHAVIOR AND DEVELOPMENTAL, SEASONAL AND DIEL CHANGES IN THE FOOD OF THE SILVERJAW MINNOW, /ERICYMBA BUCCATA/ COPE. *Am. Midl. Nat.* 95 (2): 361-376. Apr. 1976. SFA 21(2).

71-007321 Walters, L. L. and E. F. Legner. IMPACT OF THE DESERT PUPFISH, *CYPRINODON MACULARIUS*, AND *GAMBUSIA AFFINIS AFFINIS* ON FAUNA IN POND ECOSYSTEMS. *Hilgardia* 48(3):1-18. Feb. 1980. SFA 25(4)

71-007322 Wankowski, J. W. J. and Thorpe, J. E. SPATIAL DISTRIBUTION AND FEEDING IN ATLANTIC SALMON, /SALMO SALAR/ L. JUVENILES. *J. Fish Biol.* 14 (3): 239-247. Mar. 1979. SFA 24(3)

71-007323 Wankowski, J. W. J. MORPHOLOGICAL LIMITATIONS, PREY SIZE SELECTIVITY, AND GROWTH RESPONSE OF JUVENILE ATLANTIC SALMON, /SALMO SALAR/. *J. Fish Biol.* 14 (1): 89-100. Jan. 1979. SFA 24(2)

71-007324 Warden, R. L., Jr. and Hubert, W. A. SPRING STOMACH CONTENTS OF /LEPOMIS/ FROM THE WILSON DAM TAILWATER. *J. Ala. Acad. Sci.* 48 (4): 179-183. Oct. 1977. SFA 23(2)

71-007325 Ware, R. R. THE FOOD HABITS OF THE WHITE CROAKER *GENYONEMUS LINEATUS* AND AN INFAUNAL ANALYSIS NEAR AREAS OF WASTE DISCHARGE IN OUTER LOS ANGELES HARBOR. *M.A. thesis, Calif. State Univ.* 175p. 1979. From Masters Abstr. 18(2):84. June 1980. SFA 25(3)

71-007326 Warner, D. J. STOMACH CONTENT ANALYSIS OF BROOK TROUT AND RAINBOW TROUT. *Blue Jay* 38(1):15-16. Mar. 1980. SFA 25(3)

71-007327 Wattendorf, R. J. CANNIBALISM IN ELVERS. *Prog. Fish-Cult.* 47(4):218. Oct. 1979. SFA 25(1)

71-007328 Weaver, J. E. FOOD SELECTIVITY, FEEDING CHRONOLOGY, AND ENERGY TRANSFORMATIONS OF JUVENILE ALEWIFE (/ALOSA PSEUDOHARENGUS/) IN THE JAMES RIVER NEAR HOPEWELL, VIRGINIA. *Ph.D. dissertation, Univ. Va.* 98p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1975. SFA 21(1).

71-007329 Weihs, D. HYDRODYNAMICS OF SUCTION FEEDING OF FISH IN MOTION. *J. Fish Biol.* 16(4):425-433. Apr. 1980. SFA 25(3)

71-007330 Weir, D. N. BROWN TROUT AMONG FOOD REMAINS IN A PEREGRINE'S NEST. *Bird Study* 26(3):200. Sept. 1979. SFA 25(1)

71-007331 Wells, L. FOOD OF ALEWIVES, YELLOW PERCH, SPOTTAIL SHINERS, TROUT-PERCH, AND SLIMY AND FOURHORN SCULPINS IN SOUTHEASTERN LAKE MICHIGAN. *U.S. Fish Wildl. Serv. Tech. Pap.* 98. 12p. 1980. SFA 25(2)

71-007332 Went, A. E. J. 'FEROX' TROUT, /SALMO TRUTTA/ L. OF LOUGHS MASK AND CORRIB. *J. Fish Biol.* 15(3):255-262. Sept. 1979. SFA 25(1)

71-007333 Werner, E. E. and Hall, D. J. COMPETITION AND HABITAT SHIFT IN TWO SUNFISHES (CENTRARCHIDAE). *Ecology* 58 (4): 869-876. 1977. SFA 23(4)

71-007334 Werner, E. E. SPECIES PACKING AND NICHE COMPLEMENTARITY IN THREE SUNFISHES. *Am. Nat.* 111 (979): 553-578. May-June 1977. SFA 22(3)

71-007335 Werner, R. G. and J. H. S. Blaxter. GROWTH AND SURVIVAL OF LARVAL HERRING (*CLUPEA HARENGUS*) IN RELATION TO PREY DENSITY. *Can. J. Fish. Aquatic Sci.* 37(7):1063-1069. July 1980. SFA 25(4)

71-007336 Werschkul, D. F. and Christensen, M. T. DIFFERENTIAL PREDATION BY /LEPOMIS MACROCHIRUS/ ON THE EGGS AND TADPOLES OF /RANA/. *Herpetologica* 33 (2): 237-241. June 1977. SFA 22(4)

71-007337 Whitaker, J. O., Jr. SEASONAL CHANGES IN FOOD HABITS OF SOME CYPRINID FISHES FROM THE WHITE RIVER AT PETERSBURG, INDIANA. *Am. Midl. Nat.* 97 (2): 411-418. Apr. 1977. SFA 22(3)

71-007338 White, D. S. and Haag, K. H. FOODS AND FEEDING HABITS OF THE SPOTTED SUCKER, MINYTREMA MELANOPS (RAFINESQUE). *Am. Midl. Nat.* 98(1):137-146. July 1977. SFA 22(4)

71-007339 Whitfield, A. K. and Blaber, S. J. M. SCALE-EATING HABITS OF THE MARINE TELEOST /TERAPON JARBUA/ (FORSKAL). *J. Fish Biol.* 12 (1): 61-70. Jan. 1978. SFA 23(2)

71-007340 Whitfield, A. K. and Blaber, S. J. M. FOOD AND FEEDING ECOLOGY OF PISCIVOROUS FISHES AT LAKE ST LUCIA, ZULULAND. *J. Fish Biol.* 13 (6): 675-691. Dec. 1978. SFA 24(2)

71-007341 Whitfield, A. K. and Blaber, S. J. M. PREDATION ON STRIPED MULLET (/MUGIL CEPHALUS/) BY /CROCODYLUS NILOTICUS/ AT ST. LUCIA, SOUTH AFRICA. *Copeia* 1979 (2): 266-269. 18 May 1979. SFA 24(3)

71-007342 Wiley, R. W. and Varley, J. D. THE DIET OF RAINBOW AND BROWN TROUT FROM FLAMING GORGE RESERVOIR, 1964 THROUGH 1969. *Wyo. Game Fish Dep. Fish. Res. Rep. Monogr. Ser.* No. 1. p. 1-16. July 1978. SFA 24(2)

71-007343 Williams, A. H. THREE-WAY COMPETITION IN A PATCHY BACK-REEF ENVIRONMENT. *Ph.D. dissertation, Univ. N. Car.* 128p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):60. July 1978. SFA 23(4)

71-007344 Williamson, J. and Smitherman, R. O. FOOD HABITS OF HYBRID BUFFALOFISH, TILAPIA, ISRAELI CARP AND CHANNEL CATFISH IN POLYCULTURE. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:86-91. 1975[1976]. SFA 22(3)

71-007345 Wilsman, L. A. RESOURCE PARTITIONING AND MECHANISMS OF CO-EXISTENCE OF BLACKCHIN AND BLACKNOSE SHINERS (*NOTROPIS*: CYPRINIDAE). *Ph.D. dissertation, Mich. State Univ.* 130p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4107. Mar. 1980. SFA 25(2)

71-007346 Winstanley, R. H. FOOD OF THE TREVALLA /HYPEROGLYPHE POROSA/ (RICHARDSON) OFF SOUTH-EASTERN AUSTRALIA. *N.Z. J. Mar. Freshwater Res.* 12 (1): 77-79. Mar. 1978. SFA 24(1)

71-007347 Wolfert, D. R.; Busch, W.-D. N. and Baker, C. T. PREDATION BY FISH ON WALLEYE EGGS ON A SPAWNING REEF IN WESTERN LAKE ERIE, 1969-71. *Ohio J. Sci.* 75 (3): 118-125. May 1975. SFA 22(2)

71-007348 Woltering, D. M.; Hedtke, J. L. and Weber, L. J. PREDATOR-PREY INTERACTIONS OF FISHES UNDER THE INFLUENCE OF AMMONIA. *Trans. Am. Fish. Soc.* 107 (3): 500-504. May 1978. SFA 23(4)

71-007349 Woodrum, J. E. and Schoumacher, R. FOOD HABITS OF LARGEMOUTH BASS IN MONCOVE LAKE, MONROE COUNTY. *Proc. W. Va. Acad. Sci.* 47(3-4):197-204. 1975. SFA 23(4)

71-007350 Woodrum, J. E. FOOD PREFERENCE OF LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/ LACEPEDE). *Proc. W. Va. Acad. Sci.* 48 (1): 29. 1976. Abstract only. SFA 21(2).

71-007351 Wrzesinski, O. RELATION BETWEEN /ENGRAULIS ANCHOITA/ CONCENTRATIONS AND PRESENCE OF /MERLUCCIUS HUBBSI/ ON THE PATAGONIAN CONTINENTAL SHELF. *Mar. Biol.* 32 (1): 13-17. 22 Sept. 1975. SFA 22(2)

71-007352 Yermolin, V. P. THE INFLUENCE OF PREDATORS ON THE FISH POPULATION IN SARATOV RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):81-85. 1979. SFA 25(4)

71-007353 Yoshiyama, R. M. FOOD HABITS OF THREE SPECIES OF ROCKY INTERTIDAL SCULPINS (COTTIDAE) IN CENTRAL CALIFORNIA. *Copeia* 1980(3):515-525. 6 Sept. 1980. SFA 25(4)

71-007354 Yruochko, Ye. S. A QUANTITATIVE EVALUATION OF THE COMPARATIVE SELECTION OF FOOD ORGANISMS BY FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 814-821. 1976. SFA 23(2)

71-007355 Zadorozhnaya, Ye. A. THE SEASONAL AND DIURNAL DYNAMICS OF THE FEEDING OF THE WHITE BREAM, *BLICCA BJOERKNA*, FROM MOZHAYSK RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):765-775. 1978. SFA 25(2)

71-007356 Zadorozhnaya, Ye. A. THE FEEDING OF THE BREAM, /ABRAMIS BRAMA/, IN RESERVOIRS ON SMALL RIVERS (AS EXEMPLIFIED BY MOZHAYSK RESERVOIR). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 751-759. 1978. SFA 24(1)

71-007357 Zahl, P. A.; McLaughlin, J. J. A. and Gomprecht, R. J. VISUAL VERSATILITY AND FEEDING OF THE FOUR-EYED FISHES, /ANABLEPS/. *Copeia* 1977 (4): 791-793. 25 Nov. 1977. SFA 23(1)

71-007358 Zakora, L. P. THE FEEDING OF THE STERLET, *ACIPENSER RUTHENUS*, AND ITS UTILIZATION OF THE FOOD RESOURCES OF VOLGOGRAD RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):946-952. 1978. SFA 25(2)

71-007359 Zorbidi, Zh. Kh. DIURNAL FEEDING RHYTHM OF THE COHO SALMON, /ONCORHYNCHUS KISUTCH/, OF LAKE AZABACH'YE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 166-168. 1977. SFA 23(3)

71-007360 Zur, O. and S. Sarig. OBSERVATIONS ON THE FEEDING OF COMMON CARP (*CYPRINUS CARPIO*) ON CHIRONOMID LARVAE. *Bamidgeh* 32(1):25-26. Mar. 1980. SFA 25(3)

AGE AND GROWTH

71-007361 Nævdal, G.; Ø. Bjerk; M. Holm; R. Lerøy AND D. Møller. GROWTH RATE AND AGE AT SEXUAL MATURITY OF ATLANTIC SALMON SMOLTIFYING AGED ONE AND TWO YEARS. *Fiskeridir. Skr. Ser. Havunders.* 17(1):11-17. 1979. SFA 25(2)

71-007362 Nævdal, G.; M. Holm; R. Lerøy and D. Møller. INDIVIDUAL GROWTH RATE AND AGE AT SEXUAL MATURITY IN RAINBOW TROUT. *Fiskeridir. Skr. Ser. Havunders.* 17(1):1-10. 1979. SFA 25(2)

71-007363 Abbasov, G. S. and Polyakov, G. D. EVALUATION OF FEEDING CONDITIONS AND THE BIOLOGICAL STATE OF A FISH POPULATION BY MEANS OF THE CONDITION FACTOR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):404-417. 1978. SFA 25(1)

71-007364 Adelman, I. R. UPTAKE OF ^{14}C-GLYCINE BY SCALES AS AN INDEX OF FISH GROWTH: EFFECT OF FISH ACCLIMATION TEMPERATURE. *Trans. Am. Fish. Soc.* 109(2):187-194. Mar. 1980. SFA 25(2)

71-007365 Agor-Balicanta, A. PRELIMINARY REPORT ON THE GROWTH RATE OF THE GOBY. *Philipp. J. Fish.* 14 (2): 145-159. July-Dec. 1976. SFA 23(3)

71-007366 Allegret, P.; Denis, C. and Le Lannic, J. OBTENTION, AU LABORATOIRE, DE TAUX DE CROISSANCE ELEVES CHEZ LES AMMOCETES DE /LAMPETRA PLANERI/ (BLOCH) PAR UNE NOUVELLE METHODE D'ALIMENTATION. COMPARAISON AVEC LES CROISSANCES NATURELLES. [A NEW WAY OF LABORATORY BREEDING OF THE AMMOCOETES OF /LAMPETRA PLANERI/ BLOCH. COMPARISON BETWEEN BOTH THE EXPERIMENTAL AND NATURAL RATES OF GROWTH.] *Ann. Hydrobiol.* 8 (2): 255-262. 1977. In French with English summ. SFA 23(1)

71-007367 Allen, R. L. METHOD FOR COMPARING FISH GROWTH CURVES. *N. Z. J. Mar. Freshwater Res.* 10 (4): 687-692. Dec. 1976. SFA 22(3)

71-007368 Alt, K. T. AGE AND GROWTH OF ALASKAN BROAD WHITEFISH, /COREGONUS NASUS/. *Trans. Am. Fish. Soc.* 105 (4): 526-528. July 1976. SFA 21(4).

71-007369 Arnoldi, D. C.; Herke, W. H. and Clairain, E. J., Jr. ESTIMATE OF GROWTH RATE AND LENGTH OF STAY IN A MARSH NURSERY OF JUVENILE ATLANTIC CROAKER, /MICROPOGON UNDULATUS/ (LINNAEUS), "SANDBLASTED" WITH FLUORESCENT PIGMENTS. *Proc. Gulf Caribb. Fish. Inst.* 26:158-172. 1973[1974].

71-007370 Ashley, K. W. and D. L. Garling, Jr. IMPROVED METHOD FOR PREPARING PECTORAL SPINE SECTIONS OF CHANNEL CATFISH FOR AGE DETERMINATIONS. *Prog. Fish-Cult.* 42(2):80-81. Apr. 1980. SFA 25(3)

71-007371 Baglin, R. E., Jr. LENGTH-WEIGHT RELATIONSHIPS OF WESTERN ATLANTIC BLUEFIN TUNA, *THUNNUS THYNNUS. NOAA Fish. Bull.* 77(4):995-1000. 1980. SFA 25(4)

71-007372 Bailey, R. F. J.; Able, K. W. and Leggett, W. C. EVIDENCE FOR THE PRESENCE OF A METAMORPHIC CHECK IN CAPELIN (/MALLOTUS VILLOSUS/) OTOLITHS AND IMPLICATIONS FOR AGE DETERMINATION. *J. Fish. Res. Board Can.* 34 (11): 2008-2014. Nov. 1977. In English with French summ. SFA 23(1)

71-007373 Bannister, J. V. THE LENGTH-WEIGHT RELATIONSHIP, CONDITION FACTOR AND GUT CONTENTS OF THE DOLPHIN-FISH /CORYPHAENA HIPPURUS/ (L.) IN THE MEDITERRANEAN. *J. Fish Biol.* 9 (4): 335-338. Oct. 1976. SFA 22(2)

71-007374 Barans, C. A.; Stender, B. W. and Nichy, F. OTOLITH REMOVAL FROM MARKETABLE FISH. *Prog. Fish-Cult.* 47(4):212-213. Oct. 1979. SFA 25(1)

71-007375 Barkman, R. C. THE USE OF OTOLITH GROWTH RINGS TO AGE YOUNG ATLANTIC SILVERSIDES, /MENIDIA MENIDIA/. *Trans. Am. Fish. Soc.* 107 (6): 790-792. Nov. 1978. SFA 24(2)

71-007376 Bashirullah, A. K. M. BIOLOGY OF /LUTJANUS GRISEUS/ (L.) OF THE CUBAGUA ISLAND, VENEZUELA. I. LENGTH-WEIGHT, BODY LENGTH-GUT LENGTH RELATIONSHIPS AND CONDITION FACTOR. *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14 (1): 101-107. June 1975. In English with Spanish summ. SFA 22(1)

71-007377 Bass, A. J. LONG-TERM RECOVERIES OF TAGGED SHARKS. *Copeia* 1977 (3): 574-575. 25 Aug. 1977. SFA 22(4)

71-007378 Beamish, R. J. NEW INFORMATION ON THE LONGEVITY OF PACIFIC OCEAN PERCH (/SEBASTES ALUTUS/). *J. Fish. Res. Board Can.* 36(11)1395-1400. Nov. 1979. In English with French summ. SFA 25(1)

71-007379 Beamish, R. J. DIFFERENCES IN THE AGE OF PACIFIC HAKE /MERLUCCIUS PRODUCTUS/) USING WHOLE OTOLITHS AND SECTIONS OF OTOLITHS. *J. Fish. Res. Board Can.* 36(2):141-151. Feb. 1979. In English with French summ. SFA 24(3)

71-007380 Beamish, R. J. and Chilton, D. AGE DETERMINATION OF LINGCOD (/OPHIODON ELONGATUS/) USING DORSAL FIN RAYS AND SCALES. *J. Fish. Res. Board Can.* 34 (9): 1305-1313. Sept. 1977. In English with French summ. SFA 22(4)

71-007381 Beaulieu, M.-A.; S. U. Qadri and J. M. Hanson. AGE, GROWTH, AND FOOD HABITS OF THE PUMPKINSEED SUNFISH, *LEPOMIS GIBBOSUS* (LINNAEUS), IN LAC VERT, QUÉBEC. *Nat. Can. (Que.)* 106(5-6):547-553. Sept.-Dec. 1979. In English with French summ. SFA 25(3)

71-007382 Beitinger, T. L. and Magnuson, J. J. GROWTH RATES AND TEMPERATURE SELECTION OF BLUEGILL, /LEPOMIS MACROCHIRUS/. *Trans. Am. Fish. Soc.* 108(4):378-382. July 1979. SFA 25(1)

71-007383 Belveze, H. and Rami, M. DETERMINATION DE L'AGE DE LA SARDINE MAROCAINE (/SARDINA PILCHARDUS/ WALB). ELEMENTS DE CROISSANCE COMPARES. [AGE DETERMINATION FOR THE MOROCCAN SARDINE (/SARDINA PILCHARDUS/ WALB). ELEMENTS OF COMPARATIVE GROWTH.] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 57-81. June 1978. In French with English summ. SFA 23(4)

71-007384 Belyaev, V. I. RELATIONSHIP BETWEEN LENGTH, WEIGHT, AND ADJUSTED BODY WEIGHT IN CARP LARVAE IN A SPAWNING POND. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7 (6): 565-567. Nov.-Dec. 1977. SFA 23(1)

71-007385 Benech, V. NOTE SUR LA PREPARATION DES OTOLITHES, PLUS PARTICULIEREMENT DE CEUX DE L'ANGUILLE. [NOTE ON THE PREPARATION OF OTOLITHS, PARTICULARLY THOSE OF EEL.] *Ann. Hydrobiol.* 6(2):173-178. 1975. In French with English summ. SFA 21(1).

71-007386 Berg, R. E. GROWTH AND MATURATION OF CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/, INTRODUCED INTO LAKE SUPERIOR. *Trans. Am. Fish. Soc.* 107 (2): 281-283. Mar. 1978. SFA 23(3)

71-007387 Beyer, J. E. and Laurence, G. C. A STOCHASTIC MODEL OF LARVAL FISH GROWTH. *Ecol. Model.* 8:109-132. Jan. 1980. SFA 25(1)

71-007388 Biette, R. M. and G. H. Geen. GROWTH OF UNDERYEARLING SOCKEYE SALMON (*ONCORHYNCHUS NERKA*) UNDER CONSTANT AND CYCLIC TEMPERATURES IN RELATION TO LIVE ZOOPLANKTON RATION SIZE. *Can. J. Fish. Aquatic Sci.* 37(2):203-210. Feb. 1980. In English with French summ. SFA 25(3)

71-007389 Blake, C. and Blake, B. F. THE USE OF OPERCULAR BONES IN THE STUDY OF AGE AND GROWTH IN /LABEO SENEGALENSIS/ FROM LAKE KAINJI, NIGERIA. *J. Fish Biol.* 13 (2): 287-295. Aug. 1978. SFA 24(1)

71-007390 Boetius, J. ELVERS, /ANGUILLA ANGUILLA/ AND /ANGUILLA ROSTRATA/ FROM TWO DANISH LOCALITIES. SIZE, BODY WEIGHT, DEVELOPMENTAL STAGE AND NUMBER OF VERTEBRAE RELATED TO TIME OF ASCENT. *Medd. Dan. Fisk.- Havunders.* 7: 199-220. 1976. SFA 24(2)

71-007391 Borets, L. A. THE POPULATION STRUCTURE OF THE BOARFISH, *PENTACEROS RICHARDSONI*, FROM THE EMPEROR SEAMOUNTS AND THE HAWAIIAN RIDGE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):15-20. 1979. SFA 25(4)

71-007392 Bowen, S. H. DETRITAL NONPROTEIN AMINO ACIDS ARE THE KEY TO RAPID GROWTH OF *TILAPIA* IN LAKE VALENCIA, VENEZUELA. *Science* 207(4436):1216-1218. 14 Mar. 1980. SFA 25(2)

71-007393 Bowering, W. R. AGE AND GROWTH OF THE GREENLAND HALIBUT, /REINHARDTIUS HIPPOGLOSSOIDES/ (WALBAUM), IN ICNAF SUBAREAS 2-4. *Int. Comm. Northwest Alt. Fish. Res. Bull.* No. 13. p. 5-10. 1978. SFA 23(4)

71-007394 Brady, D. R. AGE DETERMINATION UTILIZING CALCIFIED ANNULI IN THE DENTARY BONE OF THE PADDLEFISH (*POLYODON SPATHULA*). *Proc. Nebr. Acad. Sci. Affl. Soc.* 90:5. 1980. Abstract only. SFA 25(3)

71-007395 Brenner, B. C, ULTRASONIC METHOD FOR CLEANING FISH SCALES FOR AGING. *Prog. Fish-Cult.* 41(3):144. July 1979. SFA 25(1)

71-007396 Bresnick, G. I. and Heins, D. C. THE AGE AND GROWTH OF THE WEED SHINER, /NOTROPIS TEXANUS/ (GIRARD). *Am. Midl. Nat.* 98 (2): 491-495. Oct. 1977. SFA 23(2)

71-007397 Bresnick, G. I. ENVIRONMENTAL EVALUATION BASED ON THE RELATIVE GROWTH RATES OF FISHES. *Ph. D. dissertation, Tulane Univ.* 78p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-007398 Briggs, P. T. AN UNUSUALLY LARGE STRIPED SEAROBIN FROM LONG ISLAND SOUND, NEW YORK. *N.Y. Fish Game J.* 24 (1): 96-97. Jan. 1977. SFA 22(2)

71-007399 Briggs, P. T. BLACK SEA BASS IN NEW YORK WATERS. *N.Y. Fish Game J.* 25(1):45-58. Jan. 1978. SFA 23(2)

71-007400 Brothers, E. B. EXOGENOUS FACTORS AND THE FORMATION OF DAILY AND SUBDAILY GROWTH INCREMENTS IN FISH OTOLITHS. *Am. Zool.* 18 (3): 631. 1978. Abstract only. SFA 24(2)

71-007401 Brothers, E. B.; Mathews, C. P. and Lasker, R. DAILY GROWTH INCREMENTS IN OTOLITHS FROM LARVAL AND ADULT FISHES. *NOAA Fish. Bull.* 74(1):1-8. Jan. 1976. SFA 21(1).

71-007402 Broughton, N. M. and Jones, N. V. AN INVESTIGATION INTO THE GROWTH OF 0-GROUP ROACH, (/RUTILUS RUTILUS/ L.) WITH SPECIAL REFERENCE TO TEMPERATURE. *J. Fish Biol.* 12 (4): 345-357. Apr. 1978. SFA 23(3)

71-007403 Brown, D.; Aasen, K. D. and von Geldern, C. E., Jr. ALABAMA SPOTTED BASS GROW AT RECORD RATE IN LAKE PERRIS, CALIFORNIA. *Calif. Fish Game* 63 (1): 60-64. Jan. 1977. SFA 22(3)

71-007404 Brown, D.; Miller, E. E. and von Geldern, C. E., Jr. DETECTION OF DELAYED ANNULUS FORMATION AMONG BLUEGILL, /LEPOMIS MACROCHIRUS/, POPULATIONS AT LAKE NACIMIENTO, CALIFORNIA. *Calif. Fish Game* 63 (1): 29-42. Jan. 1977. SFA 22(3)

71-007405 Bruton, M. N. and B. R. Allanson. GROWTH OF *CLARIAS GARIEPINUS* IN LAKE SIBAYA, SOUTH AFRICA. *S. Afr. J. Zool.* 15(1):7-15. 1980. In English with Afrikaans summ. SFA 25(4)

71-007406 Bryant, G. L. FECUNDITY AND GROWTH OF THE TULE PERCH, /HYSTEROCARPUS TRASKI/, IN THE LOWER SACRAMENTO-SAN JOAQUIN DELTA. *Calif. Fish Game* 63(3):140-156. July 1977. SFA 23(1)

71-007407 Budnichenko, V. A. and L. A. Nor. SOME FEATURES OF THE GROWTH OF *SAURIDA UNDOSQUAMIS* AND *S. TUMBIL* (PISCES, SYNODONTIDAE) IN THE ARABIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):750-755. 1978. SFA 25(2)

71-007408 Bulow, F. J. and Heitman, J. F. TIME OF ANNULUS FORMATION OF BLUEGILLS IN THREE CENTRAL TENNESSEE LAKES. *J. Tenn. Acad. Sci.* 54 (3): 116-118. July 1979. SFA 24(4)

71-007409 Bulow, F. J. and Heitman, J. F. METHODS OF ESTIMATING TIME OF ANNULUS FORMATION ON FISH SCALES. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-007410 Burrough, R. J. and Kennedy, C. R. THE OCCURRENCE AND NATURAL ALLEVIATION OF STUNTING IN A POPULATION OF ROACH, /RUTILUS RUTILUS/ (L.). *J. Fish Biol.* 15(1):93-109. July 1979. SFA 25(1)

71-007411 Burrough, R. J. and Kennedy, C. R. INTERACTION BETWEEN PERCH (/PERCA FLUVIATILIS/), AND BROWN TROUT, (/SALMO TRUTTA/). *J. Fish Biol.* 13 (2): 225-230. Aug. 1978. SFA 24(1)

71-007412 Cadwallader, P. L. GRAPHICAL FITTING OF THE VON BERTALANFFY EQUATION. *Mauri Ora* 3: 11-17. 1975. SFA 24(2)

71-007413 Campbell, J. S. and Babaluk, J. A. AGE DETERMINATION OF WALLEYE, /STIZOSTEDION VITREUM VITREUM/ (MITCHILL), BASED ON THE EXAMINATION OF EIGHT DIFFERENT STRUCTURES. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 849. iv + 23p. Apr. 1979. In English with French summ. SFA 24(3)

71-007414 Carlander, K. D. and HadiKastowo. SIZES OF FISH IN THE CATCH OF RAWA PENING, 1978. *J. Satya Wacana Res.* 1(5):505-525. 1979. SFA 24(4)

71-007415 Carlander, K. D. WEIGHT-LENGTH RELATIONSHIPS OF SOME RAWA PENING FISHES. *J. Satya Wacana Res.* 1 (5): 493-504. 1979. SFA 24(4)

71-007416 Catchings, E. D. AGE AND GROWTH OF REDEYE BASS IN SHOAL AND LITTLE SHOAL CREEKS, ALABAMA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:380-390. 1978[1979]. SFA 25(2)

71-007417 Caulton, M. S. THE IMPORTANCE OF HABITAT TEMPERATURES FOR GROWTH IN THE TROPICAL CHICHLID /TILAPIA RENDALLI/ BOULENGER. *J. Fish Biol.* 13 (1): 99-112. July 1978. SFA 23(4)

71-007418 Chadwick, E. M. P.; Porter, T. R. and Downton, P. ANALYSIS OF GROWTH OF ATLANTIC SALMON (/SALMO SALAR/) IN A SMALL NEWFOUNDLAND RIVER. *J. Fish. Res. Board Can.* 35 (1): 60-68. Jan. 1978. In English with French summ. SFA 23(2)

71-007419 Chadwick, E. M. P. A COMPARISON OF GROWTH AND ABUNDANCE FOR TIDAL POOL FISHES IN CALIFORNIA AND BRITISH COLUMBIA. *J. Fish Biol.* 8 (1): 27-34. Jan. 1976. SFA 22(1)

71-007420 Chapman, D. W. and van Well, P. GROWTH AND MORTALITY OF /STOLOTHRISSA TANGANICAE/. *Trans. Am. Fish. Soc.* 107 (1): 26-35. Jan. 1978. SFA 23(3)

71-007421 Clarke, W. C. GROWTH OF UNDERYEARLING SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) ON DIEL TEMPERATURE CYCLES. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 780. iii + 19p. May 1978. In English with French summ. SFA 23(4)

71-007422 Cloern, J. E. and Nichols, F. H. A VON BERTALANFFY GROWTH MODEL WITH A SEASONALLY VARYING COEFFICIENT. *J. Fish. Res. Board Can.* 35 (11): 1479-1482. Nov. 1978. In English with French summ. SFA 24(1)

71-007423 Coulston, P. and Maughan, O. E. AGE AND GROWTH OF LIGHTLY EXPLOITED POPULATIONS OF NATURALIZED BROWN AND RAINBOW TROUT IN A SMALL NORTH CAROLINA MOUNTAIN STREAM. *Va. J. Sci.* 27 (2): 43. 1976. Abstract only. SFA 21(4)

71-007424 Crisp, D. T. and Carrick, S. M. SOME OBSERVATIONS ON THE GROWTH AND LENGTH:WEIGHT RELATIONSHIP OF THE SOUTH GEORGIA COD /NOTOTHENIA ROSSII MARMORATA/ FISCHER DURING THE FIRST FOUR YEARS OF LIFE. *J. Fish Biol.* 7(3):407-409. May 1975. SFA 22(2)

71-007425 Crivelli, A. THE EYE LENS WEIGHT AND AGE IN THE COMMON CARP, *CYPRINUS CARPIO* L. *J. Fish Biol.* 16(5):469-473. May 1980. SFA 25(4)

71-007426 Crumpton, J. E. and Smith, S. L. DIFFERENCES IN GROWTH AND CATCHABILITY OF NATURAL BASS POPULATIONS IN FLORIDA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:330-336. 1975[1976]. SFA 22(3)

71-007427 Dauble, D. D. and Gray, R. H. MICROFISCHE READER FOR PROJECTING FISH SCALE IMAGES. *Prog. Fish-Cult.* 39 (2): 75. Apr. 1977. SFA 22(3)

71-007428 Davis, T. L. O. AGE DETERMINATION AND GROWTH OF THE FRESHWATER CATFISH, /TANDANUS TANDANUS/ MITCHELL, IN THE GWYDIR RIVER, AUSTRALIA. *Aust. J. Mar. Freshwater Res.* 28 (2): 119-137. Apr. 1977. SFA 22(4)

71-007429 de Ciechomski, J. D. and Cassia, M. C. STUDIES ON THE GROWTH OF JUVENILES OF /CYNOSCION STRIATUS/ IN THE SEA AND IN AQUARIA. *J. Fish Biol.* 13 (5): 521-526. Nov. 1978. SFA 24(2)

71-007430 DeAngelis, D. L. and Coutant, C. C. GROWTH RATES AND SIZE DISTRIBUTIONS OF FIRST-YEAR SMALLMOUTH BASS POPULATIONS: SOME CONCLUSIONS FROM EXPERIMENTS AND A MODEL. *Trans. Am. Fish. Soc.* 108 (2): 137-141. Mar. 1979. SFA 24(4)

71-007431 Dipper, F. A.; Bridges, C. R. and Menz, A. AGE, GROWTH AND FEEDING IN THE BALLAN WRASSE /LABRUS BERGYLTA/ ASCANIUS 1767. *J. Fish Biol.* 11 (2): 105-120. Aug. 1977. SFA 23(1)

71-007432 Dmitrenko, E. M. SIZE-AGE COMPOSITON OF THE GIANT CATFISH, /ARIUS THALASSINUS/, IN THE VICINITY OF KATHIAWAR PENINSULA (INDIA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 622-629. 1975. SFA 21(3).

71-007433 Dourado, O. F. and Davies, W. D. LENGTH-WEIGHT RELATIONSHIPS AND CONDITION INDICES OF FISHES FROM RESERVOIRS OF CEARA, BRAZIL. *Int. Cent. Aquacult. Res. Dev. Ser.* No. 18. 7p. Mar. 1978. SFA 24(1)

71-007434 Du Buit, M. H. AGE ET CROISSANCE DE /RAJA BATIS/ ET DE /RAJA NAEVUS/ EN MER CELTIQUE. [AGE AND GROWTH OF /RAJA BATIS/ AND /RAJA NAEVUS/ IN THE CELTIC SEA.] *J. Cons. Cons. Int. Explor. Mer* 37 (3): 261-265. Sept. 1977. In French. SFA 23(2)

71-007435 Duncan, T. O. and M. R. Myers, Jr. LONGEVITY OF WHITE BASS IN BEAVER RESERVOIR, ARKANSAS. *Proc. Ark. Acad. Sci.* 32:87-88. 1978. SFA 25(4)

71-007436 Dutil, J.-D. and Power, G. VALIDITE DE LA LECTURE DES OTOLITHES COMPAREE A CELLE DE LA LECTURE DES ESCAILLES POUR LA DETERMINATION DE L'AGE DE L'OMBLE DE FONTAINE (/SALVELINUS FONTINALIS/). [VALIDITY OF READING OTOLITHS COMPARED TO READING SCALES FOR DETERMINATION OF AGE OF BROOK TROUT (/SALVELINUS FONTINALIS/).] *Nat. Can. (Que.)* 104 (4): 361-367. July-Aug. 1977. In French with English summ. SFA 23(2)

71-007437 Eckmayer, W. J. AGE AND GROWTH OF FOUR SURFPERCHES (EMBIOTOCIDAE) FROM THE OUTER HARBOR OF ANAHEIM BAY, CALIFORNIA. *Calif. Fish Game* 65(4):265-272. Oct. 1979. SFA 25(1)

71-007438 Edwards, R. W.; Densem, J. W. and Russell, P. A. AN ASSESSMENT OF THE IMPORTANCE OF TEMPERATURE AS A FACTOR CONTROLLING THE GROWTH RATE OF BROWN TROUT IN STREAMS. *J. Anim. Ecol.* 48 (2): 501-507. June 1979. SFA 24(4)

71-007439 Eggleston, D. DETERMINATION OF AGE OF KAHAWAI /ARRIPIS TRUTTA/ (BLOCH & SCHNEIDER). *N.Z. J. Mar. Freshwater Res.* 9(3):293-298. Sept. 1975. SFA 21(1).

71-007440 Eggleston, D. DETERMINATION OF AGE OF KAHAWAI /ARRIPIS TRUTTA/ (BLOCH & SCHNEIDER). *N. Z. J. Mar. Freshwater Res.* 9 (3): 293-298. Sept. 1975. SFA 21(3).

71-007441 Eiras, J. C. and S. Carrasa. NOTE SUR LA BIOLOGIE DE *MUGIL CEPHALUS* (L.) DU NORD DU PORTUGAL: VARIATIONS ANNUELLES DES RAPPORTS POIDS-LONGUEUR, DU RAPPORT HÉPATOSOMATIQUE ET DU COEFFICIENT DE CONDITION. [NOTE IN THE BIOLOGY OF *MUGIL CEPHALUS* (L.) FROM NORTHERN PORTUGAL: ANNUAL VARIATIONS IN LENGTH-WEIGHT RELATIONSHIPS, HEPATOSOMATIC RELATIONSHIP AND COEFFICIENT OF CONDITION. *Nat. Can. (Que.)* 106(3):415-419. May-June 1979. In French. SFA 25(2)

71-007442 El-Shamy, F. M. DYNAMICS OF FEEDING AND GROWTH OF BLUEGILL (/LEPOMIS MACROCHIRUS/) IN LAKE WINGRA AND LAKE MENDOTA, WISCONSIN. *Hydrobiologia* 60 (2): 113-124. 18 Aug. 1978. SFA 24(1)

71-007443 Epperly, S. P.; Creekmore, R. C. and Tarter, D. C. AGE AND GROWTH OF THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, FROM THE OHIO RIVER. *Proc. W. Va. Acad. Sci.* 50 (1): 24. 1978. Abstract only. SFA 23(3)

71-007444 Etchevers, S. L. LA RELACION LONGITUD-PESO EN 7 PECES DE INTERES COMERCIAL EN EL NORORIENTE DE VENEZUELA. [THE LENGTH-WEIGHT RELATION OF 7 FISH OF COMMERCIAL INTEREST IN NORTHEAST VENEZUELA.] *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14(2):243-246. Dec. 1975. In Spanish with English summ. SFA 22(3)

71-007445 Fagade, S. O. THE MORPHOLOGY OF THE OTOLITHS OF THE BAGRID CATFISH, *CHRYSICHTHYS NIGRODIGITATUS* (LACEPEDE) AND THEIR USE IN AGE DETERMINATION. *Hydrobiologia* 71(3):209-215. 20 June 1980. SFA 25(4)

71-007446 Farmer, G. J.; Beamish, F. W. H. and Lett, P. F. INFLUENCE OF WATER TEMPERATURE ON THE GROWTH RATE OF THE LANDLOCKED SEA LAMPREY (/PETROMYZON MARINUS/) AND THE ASSOCIATED RATE OF HOST MORTALITY. *J. Fish. Res. Board Can.* 34 (9): 1373-1378. Sept. 1977. In English with French summ. SFA 22(4)

71-007447 FISCHWACHSTUM BEI OLIGO-, MESO- UND EUTROPHIE DES BODENSEES. [GROWTH OF FISHES DURING OLIGO-, MESO- AND EUTROPHIC STATUS OF LAKE CONSTANCE.] *Swiss J. Hydrol.* 40 (1): 32-39. 1978. In German with French and English summ. SFA 24(2)

71-007448 Fortin, R. and Fournier, P. AGE ET CROISSANCE DES PERCHAUDES (/PERCA FLAVESCENS/ MITCHILL) DU LAC BEAUCHAMP, SAINT-DONAT, QUEBEC. [AGE AND GROWTH OF THE YELLOW PERCH (/PERCA FLAVESCENS/ MITCHILL) OF LAKE BEAUCHAMP, SAINT-DONAT, QUEBEC.] *Nat. Can. (Que.)* 104 (3): 223-227. May-June 1977. In French with English summ. SFA 23(1)

71-007449 Fouda, M. M. and Miller, P. J. ALKALINE PHOSPHATASE ACTIVITY IN THE SKIN OF THE COMMON GOBY, /POMATOSCHISTUS MICROPS/ (KROYER), IN RELATION TO CYCLES IN SCALE AND BODY GROWTH. *J. Fish Biol.* 15(3):263-273. Sept. 1979. SFA 25(1)

71-007450 Freeze, T. M. and Tatum, B. COMPARATIVE AGE, GROWTH, AND CONDITION OF CHANNEL CATFISH FROM LAKE DARDANELLE, ARKANSAS. *Trans. Ky. Acad. Sci.* 38 (3-4): 123-127. Sept. 1977. SFA 23(1)

71-007451 Freeze, T. M. AGE AND GROWTH, CONDITION, AND LENGTH-WEIGHT RELATIONSHIPS OF /ICTALURUS FURCATUS/ AND /ICTALURUS PUNCTATUS/ FROM BARKLEY AND KENTUCKY LAKES, KENTUCKY. *M. S. thesis, Murray State Univ.* 58p. Oct. 1977. SFA 23(4)

71-007452 Fritz, E. S. and Garside, E. T. COMPARISON OF AGE COMPOSITION, GROWTH, AND FECUNDITY BETWEEN TWO POPULATIONS EACH OF /FUNDULUS HETEROCLITUS/ AND /F. DIAPHANUS/ (PISCES: CYPRINODONTIDAE). *Can. J. Zool.* 53 (4): 361-369. Apr. 1975. In English with French summ. SFA 22(1)

71-007453 Frost, W. E. and C. Kipling. THE GROWTH OF CHARR, *SALVELINUS WILLUGHBII* GÜNTHER, IN WINDERMERE. *J. Fish Biol.* 16(3):279-289. Mar. 1980. SFA 25(3)

71-007454 Frost, W. E. THE SCALES OF THE CHARR, (/SALVELINUS WILLUGHBII/ GUNTHER), IN WINDERMERE, AND THEIR USE FOR THE DETERMINATION OF AGE AND GROWTH. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 208-215. Nov. 1978. SFA 24(2)

71-007455 Gall, G. A. E. and Gross, S. J. GENETIC STUDIES OF GROWTH IN DOMESTICATED RAINBOW TROUT. *Aquaculture* 13 (3): 225-234. Mar. 1978. SFA 23(4)

71-007456 Gallucci, V. F. and Quinn, T. J. II. REPARAMETERIZING, FITTING, AND TESTING A SIMPLE GROWTH MODEL. *Trans. Am. Fish. Soc.* 108 (1): 14-25. Jan. 1979. SFA 24(3)

71-007457 Gebhart, G. E. and Summerfelt, R. C. SEASONAL GROWTH RATES OF FISHES IN RELATION TO CONDITIONS OF LAKE STRATIFICATION. *Proc. Okla. Acad. Sci.* 58:6-10. 1978. SFA 24(1)

71-007458 Gee, A. S. THE DISTRIBUTION AND GROWTH OF COARSE FISH IN GRAVEL-PIT LAKES IN SOUTH-EAST ENGLAND. *Freshwater Biol.* 8 (4): 385-394. Aug. 1978. SFA 24(1)

71-007459 Ghosh, K. K. ON THE CHOICE OF A GROWTH CURVE FOR INDIAN MAJOR CARPS--VON BERTALANFFY OR GOMPERTZ? *J. Indian Soc. Agric. Stat.* 26(2):57-70. Dec. 1974. SFA 24(3)

71-007460 Gjedrem, T. and Gunnes, K. COMPARISON OF GROWTH RATE IN ATLANTIC SALMON, PINK SALMON, ARCTIC CHAR, SEA TROUT AND RAINBOW TROUT UNDER NORWEGIAN FARMING CONDITIONS. *Aquaculture* 13 (2): 135-141. Feb. 1978. SFA 23(3)

71-007461 Glenn, C. L. SEASONAL GROWTH AND DIETS OF YOUNG-OF-THE-YEAR MOONEYE (/HIODON TERGISUS/) FROM THE ASSINIBOINE RIVER, MANITOBA. *Trans. Am. Fish. Soc.* 107 (4): 587-589. July 1978. SFA 24(1)

71-007462 Glenn, C. L. SEASONAL GROWTH RATES OF MOONEYE (/HIODON TERGISUS/) FROM THE ASSINIBOINE RIVER. *J. Fish. Res. Board Can.* 33 (9): 2078-2082. Sept. 1976. In English with French summ. 21(3).

71-007463 Go, Y. B.; Kawaguchi, K. and Kusaka, T. ECOLOGIC STUDY ON /DIAPHUS SUBORBITALIS/ WEBER (PISCES, MYCTOPHIDAE) IN SURUGA BAY, JAPAN--II. GROWTH PATTERN. *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1411-1416. Dec. 1977. SFA 23(2)

71-007464 Go, Y. B.; Kawaguchi, K. and Kusaka, T. ECOLOGIC STUDY ON /DIAPHUS SUBORBITALIS/ WEBER (PISCES, MYCTOPHIDAE) IN SURUGA BAY, JAPAN--I. METHOD OF AGING AND ITS LIFE SPAN. *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 913-919. Aug. 1977. SFA 23(1)

71-007465 Grant, C. J.; Cowper, T. R. and Reid, D. D. AGE AND GROWTH OF SNOEK, /LEIONURA ATUN/ (EUPHRASEN), IN SOUTH-EASTERN AUSTRALIAN WATERS. *Aust. J. Mar. Freshwater Res.* 29 (4): 435-444. Aug. 1978. SFA 24(2)

71-007466 Gregory, P. A. and Jow, T. THE VALIDITY OF OTOLITHS AS INDICATORS OF AGE OF PETRALE SOLE FROM CALIFORNIA. *Calif. Fish Game* 62 (2): 132-140. Apr. 1976. SFA 21(2).

71-007467 Griffin, J. M. and Godfrey, R. L. NOVEL METHOD OF PROJECTION FOR THE EXAMINATION OF FISH SCALES. *Prog. Fish-Cult.* 39 (4): 165. Oct. 1977. SFA 23(1)

71-007468 Griffith, J. S. GROWTH OF THE CICHLID FISH /TYLOCHROMIS BANGWELENSIS/ IN LAKE BANGWEULU, ZAMBIA. *Trans. Am. Fish. Soc.* 106 (2): 146-150. Mar. 1977. SFA 22(3)

71-007469 Grimes, C. B. AGE, GROWTH, AND LENGTH-WEIGHT RELATIONSHIP OF VERMILION SNAPPER, /RHOMBOPLITES AURORUBENS/ FROM NORTH CAROLINA AND SOUTH CAROLINA WATERS. *Trans. Am. Fish. Soc.* 107 (3): 454-456. May 1978. SFA 23(4)

71-007470 Guier, C. R.; W. G. Miller; A. W. Mullis and L. E. Nichols. COMPARISON OF GROWTH RATES AND ABUNDANCE OF LARGEMOUTH BASS IN SELECTED NORTH CAROLINA COASTAL RIVERS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:391-400. 1978[1979]. SFA 25(2)

71-007471 Guma'a, S. A. ON THE EARLY GROWTH OF 0+ PERCH, /PERCA FLUVIATILIS/, IN WINDERMERE. *Freshwater Biol.* 8 (3): 213-220. June 1978. SFA 23(4)

71-007472 Gunnes, K. and Gjedrem, T. SELECTION EXPERIMENTS WITH SALMON. IV. GROWTH OF OF ATLANTIC SALMON DURING TWO YEARS IN THE SEA. *Aquaculture* 15 (1): 19-33. Sept. 1978. SFA 24(1)

71-007473 Gupta, S. D. and Jhingran, A. J. AGEING /LABEO CALBASU/ (HAMILTON) THROUGH ITS SCALES. *J. Inland Fish. Soc. India* 5: 126-128. Dec. 1973. SFA 24(3)

71-007474 Habib, G. AGE AND GROWTH OF THE PUFFERFISH /URANOSTOMA RICHEI/ (PLECTOGNATHI: LAGOCEPHALIDAE) FROM LYTTELTON HARBOUR. *N. Z. J. Mar. Freshwater Res.* 11 (4): 755-766. Dec. 1977. SFA 23(4)

71-007475 Habib, G. MEASURING GROWTH ZONES IN IRREGULARLY SHAPED OTOLITHS BY MEANS OF A PLANIMETER. *Mauri Ora* 4: 133-137. 1976. SFA 24(2)

71-007476 Hansen, L.-P. AGE DETERMINATION OF ROACH, /RUTILUS RUTILUS/ (L.) FROM SCALES AND OPERCULAR BONES. *Arch. Fischereiwiss.* 29 (1/2): 93-98. June 1978. In English with German summ. SFA 23(4)

71-007477 Hanumantha Rao, L. STUDIES ON THE BIOLOGY OF /CIRRHINUS MRIGALA/ (HAMILTON) OF THE RIVER GODAVARI. *Indian J. Fish.* 21(2):303-322. 1974. SFA 23(2)

71-007478 Harrison, E. J. and Hadley, W. F. A COMPARISON OF THE USE OF CLEITHRA TO THE USE OF SCALES FOR AGE AND GROWTH STUDIES. *Trans. Am. Fish. Soc.* 108(5):452-456. Sept. 1979. SFA 25(1)

71-007479 Hart, J. L. AGE AND GROWTH OF THE BLUEGILL, *LEPOMIS MACROCHIRUS* RAFINESQUE, IN A NEWLY IMPOUNDED FARM POND. *Trans. Kans. Acad. Sci.* 82:211-217. 1979. SFA 25(2)

71-007480 Hartmann, J. DIE TRUESCHE (/LOTA LOTA/) IM EUTROPHIERTEN BODENSEE. [THE BURBOT (/LOTA LOTA/) IN THE EUTROPHICATED LAKE OF CONSTANCE.] *Arch. Hydrobiol.* 80 (3): 360-374. 1977. In German with English summ. SFA 23(2)

71-007481 Hecht, T. A NOTE ON PHOTOGRAPHING OTOLITHS. *Zool. Afr.* 12 (2): 497. 1977. SFA 23(3)

71-007482 Hein, S. H. and Shepard, J. A. SIZE DISPARITY BETWEEN "INSIDE" AND "OUTSIDE" SPOTTED SEATROUT (/CYNOSCION NEBULOSUS/) DURING A THREE-MONTH STUDY IN SOUTH-CENTRAL LOUISIANA. *La. Wildl. Fish. Comm. Tech. Bull.* No. 28. p. 16-28. May 1979. SFA 24(4)

71-007483 Heisey, P. G.; D. Mathur and N. C. Magnusson. ACCELERATED GROWTH OF SMALLMOUTH BASS IN A PUMPED STORAGE SYSTEM. *Trans. Am. Fish. Soc.* 109(4):371-377. July 1980. SFA 25(4)

71-007484 Heller, R. F. THE ROLE OF ABIOTIC AND BIOTIC FACTORS IN THE ENVIRONMENT ON GROWTH IN THE ZEBRAFISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN). *Ph.D. dissertation, N.Y. Univ.* 116p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(2):545. Aug. 1977. SFA 24(1)

71-007485 Hesse, L. A COMPUTER PROGRAM FOR THE COMPUTATION OF FISHERY STATISTICS ON SAMPLES WITH AGED AND NON-AGED SUBSAMPLES. *Fisheries (Bull. Am. Fish. Soc.)* 2 (3): 28,55. May-June 1977. SFA 22(4)

71-007486 Hesse, L. W.; Wallace, C. R. and Lehman, L. FISHES OF THE CHANNELIZED MISSOURI. AGE-GROWTH, LENGTH-FREQUENCY, LENGTH-WEIGHT, COEFFICIENT OF CONDITION, CATCH CURVES AND MORTALITY OF 25 SPECIES OF CHANNELIZED MISSOURI RIVER FISHES. *Nebr. Game Parks Comm. Tech. Ser.* No. 4. 61p. 1978. SFA 23(4)

71-007487 Hillden, N.-O. AN AGE LENGTH KEY FOR /CTENOLABRUS RUPESTRIS/ (L) IN SWEDISH WATERS. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 270-271. Nov. 1978. SFA 24(2)

71-007488 Hoag, S. H.; Schmitt, C. C. and Hardman, W. H. SIZE, AGE, AND FREQUENCY OF MALE AND FEMALE HALIBUT: SETLINE RESEARCH CATCHES, 1925-1977. *Int. Pac. Halibut Comm. Tech. Rep.* No. 17. 112p. 1979. SFA 24(4)

71-007489 Hoestlandt, H. and Rudelle, J. EXAMEN ELECTRONIQUE DENSITOMETRIQUE D'OPERCULES DE PERCHES (/PERCA FLUVIATILIS/ L.) EN VUE DE LA DETERMINATION DE L'AGE DES POISSONS. [ELECTRONIC DENSITOMETRIC EXAMINATION OF OPERCULAR BONES OF PERCHES (/PERCA FLUVIATILIS/ L.) TO DETERMINE THE AGE OF THE FISH.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 288 (1): 117-118. 8 Jan. 1979. In French with English summ. SFA 24(2)

71-007490 Hopkins, C. L. AGE-RELATED GROWTH CHARACTERISTICS OF /GALAXIAS FASCIATUS/ (SALMONIFORMES: GALAXIIDAE). *N.Z. J. Mar. Freshwater Res.* 13(1):39-46. 1979. SFA 25(1)

71-007491 Hubert, W. A. AGE AND GROWTH OF THREE BLACK BASS SPECIES IN PICKWICK RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:126-134. 1975[1976]. SFA 22(3)

71-007492 Huh, H. T.; Calbert, H. E. and Stuiber, D. A. EFFECTS OF TEMPERATURE AND LIGHT ON GROWTH OF YELLOW PERCH AND WALLEYE USING FORMULATED FEED. *Trans. Am. Fish. Soc.* 105 (2): 254-258. Mar. 1976. SFA 21(2).

71-007493 Hulata, G.; Moav, R. and Wohlfarth, G. THE EFFECTS OF MATERNAL AGE, RELATIVE HATCHING TIME AND DENSITY OF STOCKING ON GROWTH RATE OF FRY IN THE EUROPEAN AND CHINESE RACES OF THE COMMON CARP. *J. Fish Biol.* 9 (6): 499-513. Dec. 1976. SFA 22(2)

71-007494 Hunt, P. C. and Jones, J. W. A POPULATION STUDY OF /BARBUS BARBUS/ L. IN THE RIVER SEVERN, ENGLAND. III. GROWTH. *J. Fish Biol.* 7 (3): 361-376. May 1975. SFA 22(2)

71-007495 Inman, C. R.; Dewey, R. C. and Durocher, P. P. GROWTH COMPARISONS AND CATCHABILITY OF THREE LARGEMOUTH BASS STRAINS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:40-47. 1976[1978]. SFA 24(1)

71-007496 Inoue, H. EFFECTS OF WATER TEMPERATURE AND BODY SIZE ON GROWTH RATE OF JUVENILE YELLOWTAIL, /SERIOLA QUINQUERADIATA/, CULTURED IN JAPAN. *Tech. Bull. Fac. Agric. Kagawa Univ.* 29 (2): 305-321. Mar. 1978. In English with Japanese summ. SFA 23(3)

71-007497 Ivanova, Z. A. GROWTH VARIABILITY IN THE CARP, /CYPRINUS CARPIO/ IN SIBERIAN WATERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 45-55. 1978. SFA 24(3)

71-007498 James, G. D. SIZE COMPOSITION OF JACK MACKEREL CATCHES FROM THE WEST COAST OF NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 9 (1): 45-52. Mar. 1975. SFA 21(3).

71-007499 Jayaprakash, A. A. AGE AND GROWTH OF THE JUVENILES OF KOTH *OTOLITHOIDES BRUNNEUS* (DAY) IN BOMBAY WATERS. *Indian J. Fish.* 23(1/2):86-96. 1976. SFA 25(2)

71-007500 Jellyman, D. J. SCALE DEVELOPMENT AND AGE DETERMINATION IN NEW ZEALAND FRESHWATER EELS (/ANGUILLA/ SPP.). *N.Z. J. Mar. Freshwater Res.* 13(1):23-30. 1979. SFA 25(1)

71-007501 Jones, B. C. and Geen, G. H. AGE DETERMINATION OF AN ELASMOBRANCH (/SQUALUS ACANTHIAS/) BY X-RAY SPECTROMETRY. *J. Fish. Res. Board Can.* 34 (1): 44-48. Jan. 1977. In English with French summ. SFA 22(2)

71-007502 Jonsson, B. and Stenseth, N. C. A METHOD FOR ESTIMATING FISH LENGTH FROM OTOLITH SIZE. *Inst. Freshwater Res. Drottningholm Rep.* No. 56. p. 81-86. 1977. SFA 23(2)

71-007503 Jorgensen, S. E. A MODEL OF FISH GROWTH. *Ecol. Model.* 2 (4): 303-313. Dec. 1976. SFA 24(2)

71-007504 Kaakinen, R. and Valtonen, T. THE BODY-SCALE LENGTH RELATION ON THE OULU RIVER POPULATION OF /COREGONUS LAVARETUS/ (LINNE) S.STR. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 38-44. 1976. SFA 23(1)

71-007505 Kaeding, L. R. and Kaya, C. M. GROWTH AND DIETS OF TROUT FROM CONTRASTING ENVIRONMENTS IN A GEOTHERMALLY HEATED STREAM: THE FIREHOLE RIVER OF YELLOWSTONE NATIONAL PARK. *Trans. Am. Fish. Soc.* 107 (3): 432-438. May 1978. SFA 23(4)

71-007506 Kakuda, S. and K. Nakai. ON THE AGE AND GROWTH OF *NIBEA ALBIFLORA*. *Bull. Jpn. Soc. Sci. Fish.* 46(2):139-143. Feb. 1980. SFA 25(3)

71-007507 Kakuda, S. and Matsumoto, K. ON THE AGE AND GROWTH OF THE WHITE CROAKER /ARGYROSOMUS ARGENTATUS/. *J. Fac. Fish. Anim. Husb. Hiroshima Univ.* 16 (2): 115-122. Dec. 1977. In English with Japanese summ. SFA 23(2)

71-007508 Kanda, T. and Itazawa, Y. [GROUP EFFECT ON PHYSIOLOGICAL AND ECOLOGICAL PHENOMENA IN FISH. II. GROUP EFFECT ON THE GROWTH OF THE MEDAKA.] *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1197-1200. Nov. 1978. In Japanese with English summ. SFA 24(2)

71-007509 Kanep, S. V. GENERAL FEATURES OF THE GROWTH AND SEXUAL MATURATION OF THE WHITEFISH (/COREGONUS LAVARETUS/) IN THE USSR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 911-924. 1974. SFA 21(2).

71-007510 Kanep, S. V. PATTERNS OF GROWTH AND SEXUAL MATURATION OF WHITEFISH. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8 (4): 331-335. May 1978. SFA 23(4)

71-007511 Karamchandani, S. J. and Mishra, D. N. OBSERVATIONS ON THE GROWTH RATE OF /CATLA CATLA/ (HAMILTON) BASED ON THE RECOVERY OF ONE TAGGED SPECIMEN FROM KULGARHI RESERVOIR, MADHYA PRADESH. *J. Inland Fish. Soc. India* 6. Dec. 1974. SFA 24(3)

71-007512 Kayes, T. EFFECTS OF TEMPERATURE ON HYPOPHYSEAL (GROWTH HORMONE) REGULATION OF LENGTH, WEIGHT, AND ALLOMETRIC GROWTH AND TOTAL LIPID AND WATER CONCENTRATIONS IN THE BLACK BULLHEAD (/ICTALURUS MELAS/). *Gen. Comp. Endocrinol.* 33(3):382-393. Nov. 1977. SFA 23(1)

71-007513 Kenyon, R. B. GROWTH CHANGES IN A POPULATION OF WHITEFISH IN LAKE ERIE. *N.Y. Fish Game J.* 25 (2): 129-139. July 1978. SFA 24(4)

71-007514 Kerby, J. H. and E. B. Joseph. GROWTH AND SURVIVAL OF STRIPED BASS X WHITE PERCH HYBRIDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:715-726. 1978[1979]. SFA 25(2)

71-007515 Kesler, D. H. WEIGHT-LENGTH REGRESSIONS AND GROWTH FOR TWO BLUEGILL POPULATIONS IN RHODE ISLAND. *Prog. Fish-Cult.* 40 (2): 46-47. Apr. 1978. SFA 23(3)

71-007516 Kilambi, R. V. and W. R. Robison. AGE AND GROWTH OF CARP FROM BEAVER RESERVOIR, ARKANSAS. *Proc. Ark. Acad. Sci.* 32:91-92. 1978. SFA 25(4)

71-007517 Kimura, D. K. LIKELIHOOD METHODS FOR THE VON BERTALANFFY GROWTH CURVE. *NOAA Fish. Bull.* 77(4):765-776. 1980. SFA 25(4)

71-007518 Kimura, D. K. STATISTICAL ASSESSMENT OF THE AGE-LENGTH KEY. *J. Fish. Res. Board Can.* 34 (3): 317-324. Mar. 1977. In English with French summ. SFA 22(3)

71-007519 Kimura, D. K.; Mandapat, R. R. and Oxford, S. L. METHOD, VALIDITY, AND VARIABILITY IN THE AGE DETERMINATION OF YELLOWTAIL ROCKFISH (/SEBASTES FLAVIDUS/), USING OTOLITHS. *J. Fish. Res. Board Can.* 36 (4): 377-383. Apr. 1979. In English with French summ. SFA 24(3)

71-007520 Kincaid, H. L.; Bridges, W. R. and von Limbach, B. THREE GENERATIONS OF SELECTION FOR GROWTH RATE IN FALL-SPAWNING RAINBOW TROUT. *Trans. Am. Fish. Soc.* 106(6):621-628. Nov. 1977. SFA 23(2)

71-007521 Kingsley, M. C. S.; V. F. Gallucci and T. J. Quinn II. VON BERTALANFFY GROWTH PARAMETERS. *Trans. Am. Fish. Soc.* 109(2):252-253. Mar. 1980. SFA 25(2)

71-007522 Kipling, C. and Frost, W. E. THE WEIGHT-LENGTH RELATIONSHIP OF CHARR, (/SALVELINUS WILLUGHBII/ GUNTHER), IN WINDERMERE. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 216-219. Nov. 1978. SFA 24(2)

71-007523 Kitchell, J. F.; Stewart, D. J. and Weininger, D. APPLICATIONS OF A BIOENERGETICS MODEL TO YELLOW PERCH (/PERCA FLAVESCENS/) AND WALLEYE (/STIZOSTEDION VITREUM VITREUM/). *J. Fish. Res. Board Can.* 34 (10): 1922-1935. Oct. 1977. In English with French summ. SFA 23(1)

71-007524 Knudsen, E. E. and Herke, W. H. GROWTH RATE OF MARKED JUVENILE ATLANTIC CROAKERS, /MICROPOGON UNDULATUS/, AND LENGTH OF STAY IN A COASTAL MARSH NURSERY IN SOUTHWEST LOUISIANA. *Trans. Am. Fish. Soc.* 107 (1): 12-20. Jan. 1978. SFA 23(3)

71-007525 Kohlhorst, D. W.; L. W. Miller and J. J. Orsi. AGE AND GROWTH OF WHITE STURGEON COLLECTED IN THE SACRAMENTO-SAN JOAQUIN ESTUARY, CALIFORNIA: 1965-1970 AND 1973-1976. *Calif. Fish Game* 66(2):83-95. Apr. 1980. SFA 25(3)

71-007526 Kolb, J. W. and Whiteside, B. G. AGE AND GROWTH OF LARGEMOUTH BASS IN CANYON RESERVOIR, TEXAS. *Tex. J. Sci.* 29 (1-2): 49-58. Sept. 1977. SFA 23(2)

71-007527 Koski, R. T. AGE, GROWTH, AND MATURITY OF THE HOGCHOKER, /TRINECTES MACULATUS/, IN THE HUDSON RIVER, NEW YORK. *Trans. Am. Fish. Soc.* 107 (3): 449-453. May 1978. SFA 23(4)

71-007528 Krishnamoorthi, B. A NOTE ON THE SIZE DIFFERENCE BETWEEN MALES AND FEMALES OF /NEMIPTERUS JAPONICUS/ (BLOCH). *Indian J. Fish.* 21 (2): 608-609. 1974. SFA 23(2)

71-007529 Krishnayya, C. G. ON THE USE OF OTOLITHS IN THE DETERMINATION OF AGE AND GROWTH OF THE GANGETIC WHITING, /SILLAGO PANIJUS/ (HAM. BUCH.), WITH NOTES ON ITS FISHERY IN HOOGHLY ESTUARY. *Indian J. Fish.* 10 (2a): 391-412. 1963. SFA 24(3)

71-007530 Krykhtin, M. L. THE GROWTH OF THE "ZHELTOSHEK" /ELOPICHTHYS BAMBUSA/ IN THE AMUR BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 88-94. 1975. SFA 21(2).

71-007531 Kuga, T. I. DYNAMICS OF CERTAIN BIOLOGICAL INDICATORS AND MUSCLE FATNESS IN THE BREAM /ABRAMIS BRAMA ORIENTALIS/ FROM THE NORTHERN PART OF THE ARAL SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 821-828. 1976. SFA 23(2)

71-007532 Kunin, M. A. THE SIZE AND AGE CHARACTERISTICS AND FEEDING OF THE EASTERN BREAM [/ABRAMIS BRAMA ORIENTALIS/] OF THE ARAL SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):260-266. 1974. SFA 21(2).

71-007533 Kunjipalu, K. K. A RECORD OF AN UNUSUALLY LARGE SPECIMEN OF /LACTARIUS LACTARIUS/ (SCHNEIDER). *Indian J. Fish.* 22 (1,2): 294. 1975. SFA 23(3)

71-007534 Landau, R. RACES OF /SARDINELLA AURITA/, THEIR GROWTH PATTERNS AND THEIR IMPORTANCE IN STOCK ASSESSMENT. *Proc. Sci. Conf. Isr. Ecol. Soc.* 4: e41-e70. 1973. SFA 24(4)

71-007535 Laurence, G. C. LARVAL LENGTH-WEIGHT RELATIONS FOR SEVEN SPECIES OF NORTHWEST ATLANTIC FISHES REARED IN THE LABORATORY. *NOAA Fish. Bull.* 76 (4): 890-895. 1979. SFA 24(2)

71-007536 Laurence, G. C. LABORATORY GROWTH AND METABOLISM OF THE WINTER FLOUNDER /PSEUDOPLEURONECTES AMERICANUS/ FROM HATCHING THROUGH METAMORPHOSIS AT THREE TEMPERATURES. *Mar. Biol.* 32 (3): 223-229. 15 Oct. 1975. SFA 22(2)

71-007537 Lebedev, V. G. CERTAIN PECULIARITIES OF THE SIZE-AGE VARIABILITY OF THE DWARF WHITEFISH, /COREGONUS LAVARETUS NELMUSCHKA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 664-667. 1975. SFA 21(3).

71-007538 Lemke, A. E. OPTIMUM TEMPERATURE FOR GROWTH OF JUVENILE BLUEGILLS. *Prog. Fish-Cult.* 39 (2): 55-57. Apr. 1977. SFA 22(3)

71-007539 Leontovyc, I. and Vostradovsky, J. RUST PSTRUHA OBECNEHO A PSTRUHA DUHOVEHO V PRVNICH SESTI LETECH EXISTENCE VODARENSKE UDOLNI NADRZE HUBENOV. [GROWTH OF BROWN AND RAINBOW TROUT DURING THE FIRST SIX YEARS OF EXISTENCE OF THE WATER-SUPPLY RESERVOIR HUBENOV.] *Vertebr. Zpravy* 1978: 65-69. 1978. In Czech with English summ. SFA 24(3)

71-007540 Lewis, M. NEW SEXUAL DIMORPHISM AND BIOLOGICAL CHARACTERISTICS FOR /PIMEPHALES PROMELAS/ (CYPRINIDAE) MARICOPA COUNTY, ARIZONA. *J. Ariz. Acad. Sci.* 12 (2): 79-80. June 1977. SFA 23(4)

71-007541 Libosvarsky, J. VYPOCET A UPLATNENI RUSTOVE ROVNICE BERTALANFFYHO V EKOLOGICKEM VYZKUMU. [COMPUTATION AND USE OF BERTALANFFY'S GROWTH EQUATION IN ECOLOGICAL RESEARCH.] *Vertebr. Zpravy* 1978: 89-92. 1978. In Czech with English summ. SFA 24(3)

71-007542 Linfield, R. S. J. CHANGES IN THE RATE OF GROWTH IN A STUNTED ROACH /RUTILUS RUTILUS/ POPULATION. *J. Fish Biol.* 15(3):275-298. Sept. 1979. SFA 25(1)

71-007543 Linfield, R. S. J. AGE DETERMINATION AND YEAR CLASS STRUCTURE IN A STUNTED ROACH, /RUTILUS RUTILUS/ POPULATION. *J. Fish Biol.* 14 (1): 73-87. Jan. 1979. SFA 24(2)

71-007544 Macdonald, P. D. M. and Pitcher, T. J. AGE-GROUPS FROM SIZE-FREQUENCY DATA: A VERSATILE AND EFFICIENT METHOD OF ANALYZING DISTRIBUTION MIXTURES. *J. Fish. Res. Board Can.* 36(8):987-1001. Aug. 1979. In English with French summ. SFA 25(1)

71-007545 Magnin, É. and A.-M. Clément. CROISSANCE ET RÉGIME ALIMENTAIRE DES MÉNOMINIS RONDS *PROSOPIUM CYLINDRACEUM* (PALLUS) DU TERRITOIRE DE LA BAIE JAMES. [GROWTH AND FOOD HABITS OF ROUND WHITEFISH *PROSOPIUM CYLINDRACEUM* (PALLAS) FROM THE JAMES BAY AREA.] *Nat. Can. (Que.)* 106(3):377-386. May-June 1979. In French with English summ. SFA 25(2)

71-007546 Magnin, E. and Fradette, C. CROISSANCE ET REGIME ALIMENTAIRE DE LA LOTTE /LOTA LOTA/ (LINNAEUS 1758) DANS DIVERS LACS ET RIVIERES DU QUEBEC. [GROWTH AND DIET OF THE BURBUT /LOTA LOTA/ (LINNAEUS 1758) IN SEVERAL QUEBEC LAKES AND RIVERS.] *Nat. Can. (Que.)* 104 (3): 207-222. May-June 1977. In French with English summ. SFA 23(1)

71-007547 Mahon, R. AGE AND FECUNDITY OF THE TADPOLE MADTOM, /NOTURUS GYRINUS/, ON LONG POINT, LAKE ERIE. *Can. Field-Nat.* 91 (3): 292-294. July-Sept. 1977. SFA 23(1)

71-007548 Mailyan, R. A. and Alekperov, A. P. AN EXPERIMENTAL STUDY ON THE GROWTH AND DEVELOPMENT OF STURGEONS (FAMILY ACIPENSERIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 343-347. 1976. SFA 22(3)

71-007549 Manooch, C. S. III and Haimovici, M. AGE AND GROWTH OF THE GAG, /MYCTEROPERCA MICROLEPIS/, AND SIZE-AGE COMPOSITION OF THE RECREATIONAL CATCH OFF THE SOUTHEASTERN UNITED STATES. *Trans. Am. Fish. Soc.* 107 (2): 234-240. Mar. 1978. SFA 23(3)

71-007550 Manooch, C. S. III. AGE, GROWTH AND MORTALITY OF THE WHITE GRUNT, /HAEMULON PLUMIERI/ LACEPEDE (PISCES: POMADASYIDAE), FROM NORTH CAROLINA AND SOUTH CAROLINA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:58-70. 1976[1978]. SFA 24(1)

71-007551 Manooch, C. S. III and Huntsman, G. R. AGE, GROWTH, AND MORTALITY OF THE RED PORGY, /PAGRUS PAGRUS/. *Trans. Am. Fish. Soc.* 106 (1): 26-33. Jan. 1977. SFA 22(3)

71-007552 Marichamy, R. A NOTE ON THE LENGTH-WEIGHT RELATIONSHIP AND RELATIVE CONDITION IN /HERKLOTSICHTHYS PUNCTATUS/ (RUPPELL). *Indian J. Fish.* 21 (2): 582-584. 1974. SFA 23(2)

71-007553 Medvick, P. A. GROWTH RATES OF JUVENILE MAOMAO, /ABUDEFDUF ABDOMINALIS/, AT CONSTANT AND CYCLIC TEMPERATURES. *Trans. Am. Fish. Soc.* 108 (3): 293-298. May 1979. SFA 24(4)

71-007554 Mense, J. B. GROWTH AND LENGTH-WEIGHT RELATIONSHIPS OF TWENTY-ONE RESERVOIR FISHES IN OKLAHOMA. *Okla. Fish. Res. Lab. Bull.* no. 13. 155p. Sept. 1976. SFA 24(3)

71-007555 Methot, R. D., Jr. and Kramer, D. GROWTH OF NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, LARVAE IN THE SEA. *NOAA Fish. Bull.* 77(2):413-423. Apr. 1979. SFA 25(1)

71-007556 Meunier, F. J.; Pascal, M. and Loubens, G. COMPARAISON DE METHODES SQUELETTOCHRONOLOGIQUES ET CONSIDERATIONS FONCTIONELLES SUR LE TISSU OSSEUX ACELLULAIRE D'UN OSTEICHTHYEN DU LAGON NEO-CALEDONIEN, /LETHRINUS NEBULOSUS/ (FORSKAL, 1775). [COMPARISON OF SKELETO-CHRONOLOGICAL METHODS AND FUNCTIONAL CONSIDERATIONS ON AN ACELLULAR BONY TISSUE OF AN OSTEICHTHIAN, /LETHRINUS NEBULOSUS/ (FORSKAL, 1775) FROM THE NEO-CALEDONIAN LAGOON.] *Aquaculture* 17 (2): 137-157. June 1979. In French with English summ. SFA 24(4)

71-007557 Mills, K. H. and R. J. Beamish. COMPARISON OF FIN-RAY AND SCALE AGE DETERMINATIONS FOR LAKE WHITEFISH (*COREGONUS CLUPEAFORMIS*) AND THEIR IMPLICATIONS FOR ESTIMATES OF GROWTH AND ANNUAL SURVIVAL. *Can. J. Fish. Aquatic Sci.* 37(3):534-544. Mar. 1980. SFA 25(2)

71-007558 Misra, R. K. STATISTICAL COMPARISONS OF SEVERAL GROWTH CURVES ON THE VON BERTALANFFY TYPE. *Can. J. Fish. Aquatic Sci.* 37(6):920-926. June 1980. In English with French summ. SFA 25(3)

71-007559 Moreau, J. ESSAI D'INTERPRETATION DES ANNULI OBSERVES SUR LES ECAILLES DE /TILAPIA NILOTICA/ ET /TILAPIA RENDALLI/ DES LACS DES HAUTS PLATEAUS MALGACHES. III. OBSERVATIONS SUR /TILAPIA NILOTICA/ AU LAC ALOATRA. [INTERPRETATION TRIAL OF THE ANNULI OBSERVED ON SCALES OF /TILAPIA NILOTICA/ AND /TILAPIA RENDALLI/ OF THE LAKES OF MALAGASY HIGHLANDS. III. OBSERVATIONS OF /TILAPIA NILOTICA/ ON LAKE ALOATRA.] *Ann. Hydrobiol.* 8 (3): 363-373. 1977. In French with English summ. SFA 24(2)

71-007560 Moreau, J. ESSAI D'INTERPRETATION DES ANNULI OBSERVES SUR LES ECAILLES DE /TILAPIA NILOTICA/ ET /TILAPIA RENDALLI/ DES LACS DES HAUTS PLATEAUX MALGACHES. II.--OBSERVATIONS SUR /TILAPIA RENDALLI/ AU LAC ALAOTRA. [INTERPRETATION TRIAL OF ANNULI OBSERVED ON SCALES OF /TILAPIA NILOTICA/ AND /T. RENDALLI/ OF THE LAKES OF MALAGASY HIGHLANDS. II. OBSERVATIONS ON /T. RENDALLI/ IN ALAOTRA LAKE.] *Ann. Hydrobiol.* 6(2):93-101. 1975. In French with English summ. SFA 21(1).

71-007561 Mustafa, S. and Jafri, A. K. STATISTICAL ANALYSIS OF THE MYOTOME THICKNESS-BODY LENGTH RELATIONSHIP IN A FRESHWATER MURREL, /OPHICEPHALUS STRIATUS/ BLOCH. *Broteria Ser. Trimest. Cienc. Nat.* 44 (3-4): 141-145. 1975. SFA 22(1)

71-007562 Mustafa, S. LENGTH-WEIGHT RELATIONSHIP AND CONDITION FACTOR OF COMMON MINNOW, /ESOMUS DANRICUS/ (HAM.) FROM DIFFERENT FRESHWATER ENVIRONMENTS. *Zool. J. Linn. Soc.* 62 (4): 349-354. Apr. 1978. SFA 23(4)

71-007563 Nammalwar, P. A NOTE ON DETERMINATION OF AGE FROM SKELETAL STRUCTURES OF /POMADASYS HASTA/ (BLOCH). *Indian J. Fish.* 21 (1): 294-296. 1974. SFA 23(2)

71-007564 Narasimham, K. A. AGE AND GROWTH OF RIBBONFISH *TRICHIURUS LEPTURUS* LINNAEUS. *Indian J. Fish.* 23(1/2):174-182. 1976. SFA 25(2)

71-007565 Nesterov, A. A. AGE AND GROWTH OF THE NORTH ATLANTIC SAURY [/SCOMBERESOX SAURUS/]. *J. Ichthyol. (Engl. Transl. Vopr. Iktiol.)* 14(3):398-403. 1974. SFA 21(2).

71-007566 Neuman, E. THE GROWTH AND YEAR-CLASS STRENGTH OF PERCH (/PERCA FLUVIATILIS/ L.) IN SOME BALTIC ARCHIPELAGOES, WITH SPECIAL REFERENCE TO TEMPERATURE. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 51-70. 1976. SFA 23(1)

71-007567 Nicholson, W. R. and Schaaf, W. E. AGING OF GULF MENHADEN, /BREVOORTIA PATRONUS/. *NOAA Fish. Bull.* 76 (2): 315-322. Apr. 1978. SFA 23(4)

71-007568 Olatunde, A. A. AGE DETERMINATION, LENGTH-WEIGHT RELATIONSHIP AND GROWTH OF /EUTROPIUS NILOTICUS/ AND SCHILBE MYSTUS/ IN LAKE KAINJI, NIGERIA. *Arch. Hydrobiol.* 87(1):49-83. 1979. SFA 25(1)

71-007569 Olmsted, L. L. and Kilambi, R. V. AGE AND GROWTH OF SPOTTED BASS (/MICROPTERUS PUNCTALATUS/) IN LAKE FORT SMITH, ARKANSAS. *Trans. Am. Fish. Soc.* 107 (1): 21-25. Jan. 1978. SFA 23(3)

71-007570 Ottaway, E. M. and Simkiss, K. A METHOD FOR ASSESSING FACTORS INFLUENCING 'FALSE CHECK' FORMATION IN FISH SCALES. *J. Fish Biol.* 11 (6): 681-687. Dec. 1977. SFA 23(2)

71-007571 Ottaway, E. M. RHYTHMIC GROWTH ACTIVITY IN FISH SCALES. *J. Fish Biol.* 12 (6): 615-623. June 1978. SFA 23(4)

71-007572 Ottaway, E. M. and Simkiss, K. A COMPARISON OF TRADITIONAL AND NOVEL WAYS OF ESTIMATING GROWTH RATES FROM SCALES OF NATURAL POPULATIONS OF YOUNG BASS (/DICENTRARCHUS LABRAX/). *J. Mar. Biol. Assoc. U.K.* 59 (1): 49-59. Feb. 1979. SFA 24(3)

71-007573 Ottaway, E. M. and Simkiss, K. "INSTANTANEOUS" GROWTH RATES OF FISH SCALES AND THEIR USE IN STUDIES OF FISH POPULATIONS. *J. Zool. (Lond.)* 181 (3): 407-419. Mar. 1977. SFA 22(3)

71-007574 Page, L. M. and Burr, B. M. THE SMALLEST SPECIES OF DARTER (PISCES: PERCIDAE). *Am. Midl. Nat.* 101 (2): 452-453. Apr. 1979. SFA 24(4)

71-007575 Papageorgiou, K. N. [AGE AND GROWTH OF PERCH (/PERCA FLUVIATILIS/ L.) IN LAKE AGHIOS VASILIOS.] *Thalassographica* 1 (3): 245-265. Dec. 1977. In Greek with English summ. SFA 24(2)

71-007576 Payne, A. I. THE DETERMINATION OF AGE AND GROWTH FROM THE SCALES IN /BARBUS LIBERIENSIS/ (PISCES, CYPRINIDAE). *J. Zool. (Lond.)* 180 (4): 455-465. Dec. 1976. SFA 22(2)

71-007577 Penczak, T.; Lorenc, E.; Lorenc, J. and Zdzinnicka, M. THE ECOLOGY OF ROACH, /RUTILUS RUTILUS/ (L.), IN THE BARBEL REGION OF THE POLLUTED PILICA RIVER. V. ESTIMATION OF THE AGE AND GROWTH ACCORDING TO THE OPERCULAR BONES. *Ekol. Pol.* 27 (1): 135-154. 1979. SFA 24(4)

71-007578 Perry, W. G. and Carver, D. C. LENGTH AT MATURITY, TOTAL-COLLARBONE LENGTH, AND DRESSOUT FOR FLATHEAD CATFISH AND LENGTH AT MATURITY OF BLUE CATFISH, SOUTHWEST LOUISIANA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:529-537. 1977[1979]. SFA 24(4)

71-007579 Phillips, A. C. and Barraclough, W. E. EARLY MARINE GROWTH OF JUVENILE PACIFIC SALMON IN THE STRAIT OF GEORGIA AND SAANICH INLET, BRITISH COLUMBIA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 830. iv + 19p. Oct. 1978. In English with French summ. SFA 24(3)

71-007580 Popov, P. A. THE GROWTH AND ONSET OF SEXUAL MATURATION OF THE BROAD WHITEFISH, /COREGONUS NASUS/, AND THE OB WHITEFISH, /COREGONUS LAVARETUS PIDSCHIAN/, OF THE TANAMA RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 414-419. 1976. SFA 22(4)

71-007581 Powles, P. M.; Parker, D. and Reid, R. GROWTH, MATURATION, AND APPARENT AND ABSOLUTE FECUNDITY OF CREEK CHUB, /SEMOTILUS ATROMACULATUS/ (MITCHILL), IN THE KAWARTHA LAKES REGION, ONTARIO. *Can. J. Zool.* 55 (5): 843-846. May 1977. In English with French summ. SFA 22(3)

71-007582 Prentice, J. A. and Durocher, P. P. AVERAGE GROWTH RATES FOR LARGEMOUTH BASS IN TEXAS. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:49-57. 1979[1978]. SFA 24(2)

71-007583 Prentice, J. A. and Whiteside, B. G. VALIDATION OF AGING TECHNIQUES FOR LARGEMOUTH BASS AND CHANNEL CATFISH IN CENTRAL TEXAS FARM PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 414-428. 1975. SFA 21(3).

71-007584 Price, R. AGE AND GROWTH OF AN UNBALANCED BLUEGILL POPULATION IN MICHIGAN. *Trans. Am. Fish. Soc.* 106 (4): 331-333. July 1977. SFA 22(4)

71-007585 Proviz, L. I. A DEVICE FOR THE PREPARATION OF FISH SCALE IMPRESSIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 341-343. 1977. SFA 23(3)

71-007586 Radtke, R. L. and K. G. Waiwood. OTOLITH FORMATION AND BODY SHRINKAGE DUE TO FIXATION IN LARVAL COD (*GADUS MORHUA*). *Can. Tech. Rep. Fish. Aquatic Sci.* No. 929. iii + 10p. June 1980. In English with French summ. SFA 25(4)

71-007587 Radtke, R. L. ABERRANT SAGITTAE FROM LARVAL STRIPED BASS, /MORONE SAXATILIS/. *Copeia* 1978 (4): 712-713. 28 Dec. 1978. SFA 24(2)

71-007588 Ralston, S. AGE DETERMINATION OF A TROPICAL REEF BUTTERFLYFISH UTILIZING DAILY GROWTH RINGS OF OTOLITHS. *NOAA Fish. Bull.* 74 (4): 990-994. Oct. 1976. SFA 22(2)

71-007589 Ralston, S. ANOMALOUS GROWTH AND REPRODUCTIVE PATTERNS IN POPULATIONS OF /CHAETODON MILIARIS/ (PISCES, CHAETODONTIDAE) FROM KANEOHE BAY, OAHU, HAWAIIAN ISLANDS. *Pac. Sci.* 30 (4): 395-403. Oct. 1976. SFA 22(3)

71-007590 Ramamohana Rao, G. OBSERVATIONS ON THE AGE AND GROWTH, MATURITY AND AND FECUNDITY OF /LABEO FIMBRIATUS/ (BLOCH) OF THE RIVER GODAVARI. *Indian J. Fish.* 21 (2): 427-444. 1974. SFA 23(2)

71-007591 Rasachandra Kartha, K. N. GROWTH RATE IN /LACTARIUS LACTARIUS/ (SCHNEIDER) AT KARWAR. *Indian J. Fish.* 22 (1,2): 284-286. 1975. SFA 23(3)

71-007592 Rauck, G. JAHRESZEITLICHE VERAENDERUNGEN DES LAENGEN-GEWICHTS-VERHAELTNISSES AN SCHOLLEN DER OESTLICHEN NORDSEE. [SEASONAL CHANGES OF THE WEIGHT-LENGTH RELATIONSHIP OF PLAICE IN THE EASTERN NORTH SEA.] *Arch. Fischereiwiss.* 26(1):29-33. Aug. 1975. In German with English summ. SFA 21(4)

71-007593 Raush, R. R. AGING IN THE NEVADA PUPFISH, /CYPRINODON NEVADENSIS/. *Ph. D. dissertation, Ariz. State Univ.* 112p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-007594 Reagan, R. E., Jr. and Conley, C. M. EFFECT OF EGG DIAMETER ON GROWTH OF CHANNEL CATFISH. *Prog. Fish-Cult.* 39 (3): 133-134. July 1977. SFA 22(4)

71-007595 Redmon, W. L. and Krumholz, L. A. AGE, GROWTH, CONDITION, AND MATURITY OF SUNFISHES OF DOE RUN, MEADE COUNTY, KENTUCKY. *Trans. Ky. Acad. Sci.* 39(1-2):60-73. Mar. 1978. SFA 23(3)

71-007596 Refstie, T. GENETIC AND ENVIRONMENTAL SOURCES OF VARIATION IN BODY WEIGHT AND LENGTH OF RAINBOW TROUT FINGERLINGS. *Aquaculture* 19(4):351-357. Apr. 1980. SFA 25(3)

71-007597 Reshetnikov, Yu. S. and Yermokhin, V. Ya. FAT CONTENT IN WHITEFISHES IN THE SPRING PERIOD. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 155-159. 1975. SFA 21(2).

71-007598 Richards, S. W. AGE, GROWTH, AND FOOD OF BLUEFISH (/POMATOMUS SALTATRIX/) FROM EAST-CENTRAL LONG ISLAND SOUND FROM JULY THROUGH NOVEMBER 1975. *Trans. Am. Fish. Soc.* 105 (4): 523-525. July 1976. SFA 21(4).

71-007599 Ricker, W. E. CHANGES IN THE AGE AND SIZE OF CHUM SALMON (*ONCORHYNCHUS KETA*). *Can. Dep. Fish. Oceans Tech. Rep.* No. 930. vii + 99p. Apr. 1980. In English with French summ. SFA 25(3)

71-007600 Robinette, J. R. and Morgan, E. L. LENGTH-WEIGHT RELATIONSHIP IN BROOK TROUT /SALVELINUS FONTINALIS/ (MITCHILL) OF THE GREAT SMOKY MOUNTAINS NATIONAL PARK. *J. Tenn. Acad. Sci.* 53 (2): 74. Apr. 1978. Abstract only. SFA 23(3)

71-007601 Roff, D. A. A MOTION FOR THE RETIREMENT OF THE VON BERTALANFFY FUNCTION. *Can. J. Fish. Aquatic Sci.* 37(1):127-129. Jan. 1980. In English with French summ. SFA 25(2)

71-007602 Rossi, R. and P. Villani. A BIOLOGICAL ANALYSIS OF EEL CATCHES, *ANGUILLA ANGUILLA* L., FROM THE LAGOONS OF LESINA AND VARANO, ITALY. *J. Fish Biol.* 16(4):413-423. Apr. 1980. SFA 25(3)

71-007603 Ruelle, R. and Hudson, P. L. PADDLEFISH (/POLYODON SPATHULA/): GROWTH AND FOOD OF YOUNG OF THE YEAR AND A SUGGESTED TECHNIQUE FOR MEASURING LENGTH. *Trans. Am. Fish. Soc.* 106 (6): 609-613. Nov. 1977. SFA 23(2)

71-007604 Sadler, K. EFFECTS OF TEMPERATURE ON THE GROWTH AND SURVIVAL OF THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ L. *J. Fish Biol.* 15(4):499-507. Oct. 1979. SFA 25(1)

71-007605 Sainsbury, K. J. EFFECT OF INDIVIDUAL VARIABILITY ON THE VON BERTALANFFY GROWTH EQUATION. *Can. J. Fish. Aquatic Sci.* 37(2):241-247. Feb. 1980. In English with French summ. SFA 25(3)

71-007606 Sakagawa, G. T. and Kimura, M. GROWTH OF LABORATORY-REARED NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, FROM SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 74 (2): 271-279. Apr. 1976. SFA 21(2).

71-007607 Sanders, M. J. and D. G. M. Powell. COMPARISON OF THE GROWTH RATES OF TWO STOCKS OF SNAPPER (*CHRYSOPHRYS AURATUS*) IN SOUTH-EAST AUSTRALIAN WATERS USING CAPTURE-RECAPTURE DATA. *N.Z. J. Mar. Freshwater Res.* 13(2):279-284. 1979. SFA 25(2)

71-007608 Savvatimskiy, P. I.; Kokh, Kh. and Yernst, P. COMPARISON OF METHODS FOR DETERMINING THE AGE OF GRENADIERS (MACRURIFORMES, PISCES) FROM THE NORTHERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 324-327. 1977. SFA 23(3)

71-007609 Scarnecchia, D. L. VARIATION OF SCALE CHARACTERISTICS OF COHO SALMON WITH SAMPLING LOCATION ON THE BODY. *Prog. Fish-Cult.* 41(3):132-135. July 1979. SFA 25(1)

71-007610 Schlueter, R. A. APPEARANCE AND SUMMER GROWTH OF YOUNG-OF-THE-YEAR /MORONE CHRYSOPS/ AND /ICTALURUS PUNCTATUS/ IN THE LOWER WHITE RIVER, PIKE COUNTY, INDIANA. *Proc. Indiana Acad. Sci.* 87:467-468. 1977. SFA 24(2)

71-007611 Schmidt, R. E. and M. C. Fabrizio. DAILY GROWTH RINGS ON OTOLITHS FOR AGING YOUNG-OF-THE-YEAR LARGEMOUTH BASS FROM A WILD POPULATION. *Prog. Fish-Cult.* 42(2):78-80. Apr. 1980. SFA 25(3)

71-007612 Schmitt, D. N. and W. A. Hubert. COMPARISON OF TWO AGING TECHNIQUES FOR YELLOW PERCH. *Proc. Iowa Acad. Sci.* 87(1):12. Mar. 1980. Abstract only. SFA 25(2)

71-007613 Sekiguchi, H. [ON FAT DEPOSIT OF THE SPAWNERS OF SAND-EELS IN ISE BAY, CENTRAL JAPAN.] *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 123-127. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-007614 Shcherbich, L. V. METHOD OF DETERMINING AGE AND ONSET OF SEXUAL MATURITY IN THE MARBLED ANTARCTIC COD /NOTOTHENIA ROSSI MARMORATE/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(1):82-88. 1975. SFA 21(2).

71-007615 Shefler, D. and Reich, K. GROWTH OF SILVER CARP (/HYPOPHTALMICHTHYS MOLITRIX/) IN LAKE KINNERET IN 1969-1975. *Bamidgeh* 29 (1): 3-16. Mar. 1977. SFA 22(3)

71-007616 Shelbourn, J. E. EARLY GROWTH RATES OF CHUM SALMON FRY (*ONCORHYNCHUS KETA*) IN THE LABORATORY IN FRESH AND SALT WATER. *Can. Dep. Fish. Oceans Tech. Rep.* No. 937. iii + 6p. Apr. 1980. In English with French summ. SFA 25(3)

71-007617 Shelton, W. L.; Davies, W. D.; King, T. A. and Timmons, T. J. VARIATION IN THE GROWTH OF THE INITIAL YEAR CLASS OF LARGEMOUTH BASS IN WEST POINT RESERVOIR, ALABAMA AND GEORGIA. *Trans. Am. Fish. Soc.* 108 (2): 142-149. Mar. 1979. SFA 24(4)

71-007618 Shepherd, M. E. and Huish, M. T. AGE, GROWTH, AND DIET OF THE PIRATE PERCH IN A COASTAL PLAIN STREAM OF NORTH CAROLINA. *Trans. Am. Fish. Soc.* 107 (3): 457-459. May 1978. SFA 23(4)

71-007619 Shireman, J. V.; D. E. Colle and M. J. Maceina. GRASS CARP GROWTH RATES IN LAKE WALES, FLORIDA. *Aquaculture* 19(4):379-382. Apr. 1980. SFA 25(3)

71-007620 Short, D. W. and B. J. Davis. PRELIMINARY OBSERVATIONS OF AGE AND GROWTH BY *POMOXIS ANNULARIS* AND *P. NIGROMACULATUS* IN NORTH LOUISIANA. *Proc. La. Acad. Sci.* 42:84. 1979. Abstract only. SFA 25(2)

71-007621 Shust, K. V. and I. A. Pinskaya. AGE AND RATE OF GROWTH OF SIX SPECIES OF NOTOTHENID FISH (FAMILY NOTOTHENIIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):743-749. 1978. SFA 25(2)

71-007622 Sinoda, M. and Intong, S. SIZE FREQUENCY DISTRIBUTION OF LIZARD FISH, /SAURIDA UNDOSQUAMIS/, IN THE INNER GULF OF THAILAND. *Bull. Jpn. Soc. Sci. Fish.* 44 (1): 1-6. Jan. 1978. SFA 23(3)

71-007623 Six, L. D. and Horton, H. F. ANALYSIS OF AGE DETERMINATION METHODS FOR YELLOWTAIL ROCKFISH, CANARY ROCKFISH, AND BLACK ROCKFISH OFF OREGON. *NOAA Fish. Bull.* 75(2):405-414. Apr. 1977. SFA 22(3)

71-007624 Skillman, R. A. and Yong, M. Y. Y. VON BERTALANFFY GROWTH CURVES FOR STRIPED MARLIN, /TETRAPTURUS AUDAX/, AND BLUE MARLIN, /MAKAIRA NIGRICANS/, IN THE CENTRAL NORTH PACIFIC OCEAN. *NOAA Fish. Bull.* 74 (3): 553-566. July 1976. SFA 21(3).

71-007625 Sled', T. V. GROWTH RATE AND INCREASE IN BRAIN WEIGHT IN VARIOUS POPULATIONS OF ROACH /RUTILUS RUTILUS LACUSTRIS/ (PALLAS). *Dokl. Akad. Nauk SSSR Biol. Sci. Sect. (Engl. Transl.)* 226 (1-6): 13-16. Aug. 1976. SFA 21(4)

71-007626 Smirnov, Yu. A.; Shchurov, I. L. and Shustov, Yu. A. FEATURES OF GROWTH OF YOUNG LAKE SALMON, /SALMO SALAR/ MORPHA /SEBAGO/, IN LAKE ONEGA TRIBUTARIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):399-403. 1978. SFA 25(1)

71-007627 Smith, M. A. K. and Thorpe, A. NITROGEN METABOLISM AND TROPHIC INPUT IN RELATION TO GROWTH IN FRESHWATER AND SALTWATER /SALMO GAIRDNERI/. *Biol. Bull.* 150 (1): 139-151. Feb. 1976. SFA 21(4)

71-007628 Sokolov, L. I. and Akimova, N. V. AGE DETERMINATION OF THE LENA RIVER STURGEON /ACIPENSER BAERI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 773-778. 1976. SFA 23(2)

71-007629 Southward, G. M. and Hardman, W. H. OTOLITH LENGTH AND FISH LENGTH OF PACIFIC HALIBUT. *Int. Pac. Halibut Comm. Tech. Rep.* No. 10. 10p. 1973. SFA 22(3)

71-007630 Spanovskaya, V. D. and Grigorash, V. A. LENGTH-WEIGHT RELATIONSHIP OF SOME SPECIES OF THE GENUS /CYCLOTHONE/ (/PISCES, GONOSTOMATIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 146-150. 1975. SFA 21(2).

71-007631 Stanley, C. A. LEE'S PHENOMENON IN THE WESTERN SUBSPECIES OF THE AUSTRALIAN SALMON, *ARRIPIS TRUTTA ESPER. Aust. J. Mar. Freshwater Res.* 31(1):13-19. Mar. 1980. SFA 25(4)

71-007632 Steffensen, E. DAILY GROWTH INCREMENTS OBSERVED IN OTOLITHS FROM JUVENILE EAST BALTIC COD. *Dana* 1:29-37. 1980. SFA 25(4)

71-007633 Steinbach, D. W. and Noble, R. L. FIRST-YEAR GROWTH OF NORTHERN AND FLORIDA LARGEMOUTH BASS IN A CENTRAL TEXAS POND. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:58-66. 1979[1978]. SFA 24(2)

71-007634 Stevens, J. D. VERTEBRAL RINGS AS A MEANS OF AGE DETERMINATION IN THE BLUE SHARK (/PRIONACE GLAUCA/ L.). *J. Mar. Biol. Assoc. U.K.* 55 (3): 657-665. Aug. 1975. SFA 22(3)

71-007635 Stott, B. and Buckley, B. R. A NOTE ON THE GROWTH OF TWO EXOTICS IN ENGLAND; THE SILVER CARP (/HYPOPHTHALMICHTHYS MOLITRIX/ VAL.) AND THE BIGHEAD (/ARISTICHTHYS NOBILIS/ RICH.). *J. Fish Biol.* 12 (1): 89-91. Jan. 1978. SFA 23(2)

71-007636 Struhsaker, P. and Uchiyama, J. H. AGE AND GROWTH OF THE NEHU, /STOLEPHORUS PURPUREUS/ (PISCES: ENGRAULIDAE), FROM THE HAWAIIAN ISLANDS AS INDICATED BY DAILY GROWTH INCREMENTS OF SAGITTAE. *NOAA Fish. Bull.* 74(1):9-17. Jan. 1976. SFA 21(1).

71-007637 Sugiwaka, K. and H. Kojima. [STUDIES ON THE SMOLT OF JUVENILE MASU SALMON (ONCORHYNCHUS MASOU) IN THE ATSUTA RIVER. AGE AND ECOLOGY OF SMOLTS IN 1978.] *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 25-39. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-007638 Sukhanov, V. V. A MATHEMATICAL MODEL OF THE SEASONAL DYNAMICS OF WEIGHT INCREASE IN JUVENILE SOCKEYE (/ONCORHYNCHUS NERKA/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 491-496. 1974. SFA 21(2).

71-007639 Sullivan, K. J. AGE AND GROWTH OF THE ELEPHANT FISH /CALLORHINCHUS MILII/ (ELASMOBRANCHII: CALLORHYNCHIDAE). *N. Z. J. Mar. Freshwater Res.* 11 (4): 745-753. Dec. 1977. SFA 23(4)

71-007640 Suzuki, T. [BIOLOGICAL CHARACTERISTICS OF THE WALLEYE POLLACK /THERAGRA CHALCOGRAMMA/ (PALLAS) DISTRIBUTED AT SURFACE LAYER IN THE CENTRAL AREA OF THE BERING SEA AS OBSERVED BY FISH FINDER.] *Bull. Fac. Fish. Hokkaido Univ.* 27 (3-4): 137-144. Dec. 1976. In Japanese with English summ. SFA 22(4)

71-007641 Swanson, R. D. AGING LONGNOSE SUCKERS (*CATOSTOMUS CATOSTOMUS*) A COMPARISON OF METHODS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:96-97. 1980. SFA 25(4)

71-007642 Tanaka, S. and Mizue, K. STUDIES IN SHARKS--XV. AGE AND GROWTH OF JAPANESE DOGFISH /MUSTELUS MANAZO/ BLEEKER IN THE EAST CHINA SEA. *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 43-50. Jan. 1979. SFA 24(3)

71-007643 Taubert, B. D. and Coble, D. W. DAILY RINGS IN OTOLITHS OF THREE SPECIES OF /LEPOMIS/ AND /TILAPIA MOSSAMBICA/. *J. Fish. Res. Board Can.* 34 (3): 332-340. Mar. 1977. In English with French summ. SFA 22(3)

71-007644 Thakur, N. K. and Das, N. K. LENGTH-WEIGHT RELATIONSHIP OF /HETEROPNEUSTES FOSSILIS/ (BLOCH). *J. Inland Fish. Soc. India* 6: 95-96. Dec. 1974. SFA 24(3)

71-007645 Theiling, D. L. and Loyacano, H. A., Jr. AGE AND GROWTH OF RED DRUM FROM A SALTWATER MARSH IMPOUNDMENT IN SOUTH CAROLINA. *Trans. Am. Fish. Soc.* 105(1):431-44. Jan. 1976. SFA 21(1).

71-007646 Timmons, T. J. EARLY GROWTH AND MORTALITY OF LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ (LACEPEDE), IN RELATION TO AN EXTENDED SPAWNING SEASON AND PREY AVAILABILITY IN WEST POINT RESERVOIR. *Ph.D. dissertation, Auburn Univ.* 108p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5720. June 1979. SFA 24(4)

71-007647 Timmons, T. J.; W. L. Shelton and W. D. Davis. DIFFERENTIAL GROWTH OF LARGEMOUTH BASS IN WEST POINT RESERVOIR, ALABAMA-GEORGIA. *Trans. Am. Fish. Soc.* 109(2):176-186. Mar. 1980. SFA 25(2)

71-007648 Titmus, G.; Claridge, P. N. and Potter, I. C. GROWTH AND ABUNDANCE OF 0-GROUP HERRINGS, /CLUPEA HARENGUS/ L., IN THE SEVERN ESTUARY. *Zool. J. Linn. Soc.* 64 (3): 251-260. Nov. 1978. SFA 24(2)

71-007649 Treasurer, J. W. AGE, GROWTH AND LENGTH-WEIGHT RELATIONSHIP OF BROWN TROUT /SALMO TRUTTA/ (L.) IN THE LOCH OF STRATHBEG, ABERDEENSHIRE. *J. Fish Biol.* 8(3):241-253. Mar. 1976. SFA 22(1)

71-007650 Tsimenidis, N. [PRELIMINARY REPORT ON AGE AND GROWTH OF THE CARP IN VISTONIS LAKE, GREECE.] *Thalassographica* 1 (1): 53-63. Oct. 1976. In Greek with English summ. SFA 24(2)

71-007651 Tsimenidis, N.; Papaconstantinou, C. and Ntaoulas, Ch. [AGE AND GROWTH STUDIES OF THE HAKE (/MERLUCCIUS MERLUCCIUS/ L.) IN THE SARONIKOS AND THERMAIKOS GULF.] *Thalassographica* 2 (1): 27-56. Mar. 1978. In Greek with English summ. SFA 24(2)

71-007652 Turner, P. R. AGE DETERMINATION AND GROWTH OF FLATHEAD CATFISH. *Ph.D. dissertation, Okla. State Univ.* 146p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):121. July 1978. SFA 23(4)

71-007653 Tweddle, D. AGE AND GROWTH OF THE CATFISH /BAGRUS MERIDIONALIS/ GUNTHER IN SOUTHERN LAKE MALAWI. *J. Fish Biol.* 7 (5): 677-685. Sept. 1975. SFA 22(2)

71-007654 Van den Avyle, M. J. and Carlander, K. D. SEASONAL VARIATION IN WEIGHT-LENGTH RELATIONSHIPS OF LARGEMOUTH BASS IN A 3-HECTARE RESERVOIR. *Proc. Iowa Acad. Sci.* 84(1):35-38. Mar. 1977. SFA 22(3)

71-007655 Varghese, T. J. ESTIMATION OF THE AGE AND GROWTH OF /COILIA RAMCARATI/ GUNTHER. *J. Inland Fish. Soc. India* 5: 115-125. Dec. 1973. SFA 24(3)

71-007656 Vasil'kov, V. P. THE INFORMATION-RECORDING PROPERTIES OF THE SCALES OF THE NEW ZEALAND JACKASSFISH (/CHEILODACTYLUS MACROPTERUS/) AND THEIR USE TO OBTAIN INFORMATION ON GROWTH RHYTHMS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 375-381. 1977. SFA 23(3)

71-007657 Verdon, R. and Magnin, E. CROISSANCE EN LONGUEUR DU MEUNIER NOIR /CATOSTOMUS COMMERSONI COMMERSONI/ (LACEPEDE) DU LAC CROCHE DANS LES LAURENTIDES, QUEBEC. [GROWTH IN LENGTH OF THE WHITE SUCKER /CATOSTOMUS COMMERSONI COMMERSONI/ (LACEPEDE) OF LAKE CROCHE IN THE LAURENTIANS, QUEBEC.] *Nat. Can. (Que.)* 104 (3): 187-195. May-June 1977. In French with English summ. SFA 23(1)

71-007658 Vinci, G. K. and Kesavan Nair, A. K. LENGTH WEIGHT RELATIONSHIP IN THE THREADFIN-BREAM, /NEMIPTERUS JAPONICUS/ ALONG THE KERALA COAST. *Indian J. Fish.* 21 (1): 299-302. 1974. SFA 23(2)

71-007659 Vooren, C. M. GROWTH AND MORTALITY OF TARAKIHI (PISCES: CHEILODACTYLIDAE) IN LIGHTLY EXPLOITED POPULATIONS. *N.Z. J. Mar. Freshwater Res.* 11 (1): 1-22. Mar. 1977. SFA 23(1)

71-007660 Wakeman, J. M.; Arnold, C. R.; Wohlschlag, D. E. and Rabalais, S. C. OXYGEN CONSUMPTION, ENERGY EXPENDITURE, AND GROWTH OF THE RED SNAPPER (/LUTJANUS CAMPECHANUS/). *Trans. Am. Fish. Soc.* 108 (3): 288-292. May 1979. SFA 24(4)

71-007661 Warburton, K. AGE AND GROWTH DETERMINATION IN A MARINE CATFISH USING AN OTOLITH CHECK TECHNIQUE. *J. Fish Biol.* 13 (4): 429-434. Oct. 1978. SFA 24(1)

71-007662 Weatherley, A. H.; H. S. Gill and S. C. Rogers. GROWTH DYNAMICS OF MUSCLE FIBRES, DRY WEIGHT, AND CONDITION IN RELATION TO SOMATIC GROWTH RATE IN YEARLING RAINBOW TROUT *(SALMO GAIRDNERI)*. *Can. J. Zool.* 57(12):2385-2392. Dec. 1979. In English with French summ. SFA 25(2)

71-007663 Webb, B. F. and Grant, C. J. AGE AND GROWTH OF JACK MACKEREL, /TRACHURUS DECLIVIS/ (JENYNS), FROM SOUTH-EASTERN AUSTRALIAN WATERS. *Aust. J. Mar. Freshwater Res.* 30 (1): 1-9. Feb. 1979. SFA 24(4)

71-007664 Webb, J. F. and Reeves, W. C. AGE AND GROWTH OF ALABAMA SPOTTED BASS AND NORTHERN LARGEMOUTH BASS. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 204-215. 1975. SFA 21(3).

71-007665 Weber, J. J. WINTER OBSERVATIONS ON THE AGE AND GROWTH OF THE BURBOT IN LAKE WINNEBAGO, WISCONSIN. *Wis. Dep. Nat. Resour. Res. Rep.* 89. 10p. Oct. 1976. SFA 22(2)

71-007666 Westrheim, S. J. and Ricker, W. E. BIAS IN USING AN AGE-LENGTH KEY TO ESTIMATE AGE-FREQUENCY DISTRIBUTIONS. *J. Fish. Res. Board Can.* 35 (2): 184-189. Feb. 1978. In English with French summ. SFA 23(2)

71-007667 Wohlfarth, G. W. SHOOT CARP. *Bamidgeh* 29 (2): 35-56. June 1977. SFA 22(4)

71-007668 Wolfe, G. W.; Bauer, B. H. and Branson, B. A. AGE AND GROWTH, LENGTH-WEIGHT RELATIONSHIPS, AND CONDITION FACTORS OF THE GREENSIDE DARTER FROM SILVER CREEK, KENTUCKY. *Trans. Ky. Acad. Sci.* 39 (3-4): 131-134. Sept. 1978. SFA 24(1)

71-007669 Wolfert, D. R. AGE AND GROWTH OF ROCK BASS IN EASTERN LAKE ONTARIO. *N.Y. Fish Game J.* 27(1):88-90. Jan. 1980. SFA 25(3)

71-007670 Wolfert, D. R. AGE AND GROWTH OF THE WALLEYE IN LAKE ERIE, 1963-1968. *Trans. Am. Fish. Soc.* 106 (6): 569-577. Nov. 1977. SFA 23(2)

71-007671 Wolfert, D. R. and Miller, T. J. AGE, GROWTH, AND FOOD OF NORTHERN PIKE IN EASTERN LAKE ONTARIO. *Trans. Am. Fish. Soc.* 107 (5): 696-702. Sept. 1978. SFA 24(1)

71-007672 Woodward, R. L. and Wissing, T. E. AGE, GROWTH, AND FECUNDITY OF THE QUILLBACK (/CARPIODES CYPRINUS/) AND HIGHFIN (/C. VELIFER/) CARPSUCKERS IN AN OHIO STREAM. *Trans. Am. Fish. Soc.* 105 (3): 411-415. May 1976. SFA 21(3).

71-007673 Woolland, J. V. and Jones, J. W. STUDIES ON GRAYLING, /THYMALLUS THYMALLUS/ L., IN LLYN TEGID AND THE UPPER RIVER DEE, NORTH WALES. I. AGE AND GROWTH. *J. Fish Biol.* 7 (6): 749-773. Nov. 1975. SFA 22(2)

71-007674 Worthmann, H. THE EARLY GROWTH STAGES OF THE PESCADA (*PLAGIOSCION MONTI* SOARES). *Arch. Fischereiwiss.* 30(2-3):145-156. Mar. 1980. In English with German and Portuguese summ. SFA 25(3)

71-007675 Zigman, S. and Yulo, T. EYE LENS AGEING IN THE DOGFISH (/MUSTELUS CANIS/). *Comp. Biochem. Physiol. B Comp. Biochem.* 63 (3): 379-385. 1979. SFA 24(4)

71-007676 Zolczynski, S. J., Jr. and Davies, W. D. GROWTH CHARACTERISTICS OF THE NORTHERN AND FLORIDA SUBSPECIES OF LARGEMOUTH BASS AND THEIR HYBRID, AND A COMPARISON OF CATCHABILITY BETWEEN THE SUBSPECIES. *Trans. Am. Fish. Soc.* 105 (2): 240-243. Mar. 1976. SFA 21(2).

GEOGRAPHICAL DISTRIBUTION, FISH SURVEYS, ETC.

71-007677 Abbakumov, V. P. THE INITIAL STAGE IN FORMATION OF THE FISH FAUNA IN THE RESERVOIRS OF THE IRTYSH-KARAGANDA CANAL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 357-363. 1977. SFA 23(3)

71-007678 Abbott, T. M.; Dickson, K. L. and Potter, W. A. /NOTROPIS CERASINUS/ (COPE) RECORD FROM THE APPOMATTOX RIVER DRAINAGE. *Va. J. Sci.* 28 (4): 167-168. 1977. SFA 23(3)

71-007679 Able, K. W. ICHTHYOPLANKTON OF THE ST. LAWRENCE ESTUARY: COMPOSITION, DISTRIBUTION, AND ABUNDANCE. *J. Fish. Res. Board Can.* 35 (12): 1518-1531. Dec. 1978. In English with French summ. SFA 24(2)

71-007680 Aceituno, M. E.; Caywood, M. L.; Nicola, S. J. and Follett, W. I. OCCURRENCE OF NATIVE FISHES IN ALAMEDA AND COYOTE CREEKS, CALIFORNIA. *Calif. Fish Game* 62(3):195-206. July 1976. SFA 21(4).

71-007681 Aceituno, M. E. and Nicola, S. J. DISTRIBUTION AND STATUS OF THE SACRAMENTO PERCH, /ARCHOPLITES INTERRUPTUS/ (GIRARD), IN CALIFORNIA. *Calif. Fish Game* 62 (4): 246-254. Oct. 1976. SFA 21(4).

71-007682 Adams, J. A. and Dooley, H. D. FISHES AND THEIR ENVIRONMENT IN THE NORTH SEA. *Scott. Fish. Bull.* 45:13-23. 1979. SFA 25(1)

71-007683 Adkins, G.; J. Tarver; P. Bowman and B. Savoie. A STUDY OF THE COMMERCIAL FINFISH IN COASTAL LOUISIANA. *La. Dep. Wildl. Fish. Tech. Bull.* No. 29. viii + 87p. July 1979. SFA 25(2)

71-007684 Ahlstrom, E. H.; Moser, H. G. and O'Toole, M. J. DEVELOPMENT AND DISTRIBUTION OF LARVAE AND EARLY JUVENILES OF THE COMMERCIAL LANTERNFISH, /LAMPANYCTODES HECTORIS/ (GUNTHER), OFF THE WEST COAST OF SOUTHERN AFRICA WITH A DISCUSSION OF PHYLOGENETIC RELATIONSHIPS OF THE GENUS. *Bull. South. Calif. Acad. Sci.* 75(2):138-152. Aug. 1976. SFA 22(2)

71-007685 Alkahem, H. F. FRESHWATER FISHES OF SAUDI ARABIA. *Ph.D. dissertation, Colo. State Univ.* Nov. 1979. SFA 25(3)

71-007686 Allan, J. H. FIRST REPORT OF THE TIGER TROUT HYBRID, /SALMO TRUTTA/ LINNAEUS X /SALVELINUS FONTINALIS/ (MITCHILL), IN ALBERTA. *Can. Field-Nat.* 91(1):85-86. Jan.-Mar. 1977. SFA 22(4)

71-007687 Allen, L. G. ADDITIONS TO THE LIST OF FISH SPECIES KNOWN FROM ALAMITOS BAY, CALIFORNIA, BASED ON STUDIES IN COLORADO LAGOON. *Calif. Fish Game* 62 (4): 310-314. Oct. 1976. SFA 21(4).

71-007688 Allen, M. J. ADDITION OF /CITHARICHTHYS FRAGILIS/ GILBERT TO THE CALIFORNIA FAUNA. *Calif. Fish Game* 62 (4): 299-303. Oct. 1976. SFA 21(4).

71-007689 Allendorf, F. W.; D. M. Espeland; D. T. Scow and S. Phelps. COEXISTENCE OF NATIVE AND INTRODUCED RAINBOW TROUT IN THE KOOTENAI RIVER DRAINAGE. *Proc. Mont. Acad. Sci.* 39:28-36. 1980. SFA 25(3)

71-007690 Amaoka, K.; Toyoshima, M. and Sasaki, T. FIRST RECORD OF /BRYOZOICHTHYS LYSIMUS/ FROM JAPAN AND SECOND RECORD OF /B. MAJORIUS/ FROM ALEUTIAN ISLANDS AND GULF OF ALASKA. *Bull. Fac. Fish. Hokkaido Univ.* 28 (4): 175-180. Nov. 1977. SFA 23(3)

71-007691 Anchutin, V. M. DISCOVERY OF THE WALLEYE (/LUCIOPERCA LUCIOPERCA/) IN THE BASIN OF TAZ BAY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 501-503. 1976. SFA 22(4)

71-007692 Anderson, C. P.; Erickson, J. E.; Ross, J. and Undershill, J. C. REVISED DISTRIBUTION RECORDS OF SOME MINNESOTA FISHES. *J. Minn. Acad. Sci.* 43 (2): 3-6. 1977. SFA 23(1)

71-007693 Anderson, M. E.; Cailliet, G. M. and Antrim, B. S. NOTES ON SOME UNCOMMON DEEP-SEA FISHES FROM THE MONTEREY BAY AREA, CALIFORNIA. *Calif. Fish Game* 65(4):256-264. Oct. 1979. SFA 25(1)

71-007694 Anderson, M. E. RANGE EXTENSION OF TWO MARINE FISHES TO THE MONTEREY BAY AREA. *Calif. Fish Game* 63 (2): 132-133. Apr. 1977. SFA 22(3)

71-007695 Anderson, W. D., Jr.; Dias, J. K.; Dias, R. K.; Cupka, D. M. and Chamberlain, N. A. THE MACROFAUNA OF THE SURF ZONE OFF FOLLY BEACH, SOUTH CAROLINA. *NOAA Tech. Rep. NMFS SSRF* 704. iv + 23p. Jan. 1977. SFA 22(2)

71-007696 Anonymous. ENDEMIC FISHES OF THE COLORADO RIVER SYSTEM A STATUS REPORT. *Colo. River Wildl. Counc. Publ.* 16p. 1 May 1977. SFA 25(2)

71-007697 Applegate, S. P. A NEW RECORD-SIZE BONITO SHARK, /ISURUS OXYRINCHUS/ RAFINESQUE, FROM SOUTHERN CALIFORNIA. *Calif. Fish Game* 63 (2): 126-129. Apr. 1977. SFA 22(3)

71-007698 Armstrong, J. W.; Staude, C. P.; Thom, R. M. and Chew, K. K. HABITATS AND RELATIVE ABUNDANCES OF THE INTERTIDAL MACROFAUNA AT FIVE PUGET SOUND BEACHES IN THE SEATTLE AREA. *Syesis* 9: 277-290. 1976. SFA 22(4)

71-007699 Au, K.-C. A FIELD KEY TO THE HONG KONG SEABREAMS OF THE GENUS /MYLIO/ LACEPEDE, FAMILY SPARIDAE. *J. Nat. Hist.* 12 (6): 627-631. Nov.-Dec. 1978. SFA 24(1)

71-007700 Austin, H. M. DISTRIBUTION AND ABUNDANCE OF ICHTHYOPLANKTON IN THE NEW YORK BIGHT DURING THE FALL IN 1971. *N.Y. Fish Game J.* 23(1):58-72. Jan. 1976. SFA 21(1).

71-007701 Bailey, R. M. and Stewart, D. J. CICHLID FISHES FROM LAKE TANGANYIKA: ADDITIONS TO THE ZAMBIAN FAUNA INCLUDING TWO NEW SPECIES. *Mus. Zool. Univ. Mich. Occas. Pap.* No. 679. 30p. 5 Aug. 1977. SFA 23(2)

71-007702 Banister, K. E. and Bailey, R. G. FISHES COLLECTED BY THE ZAIRE RIVER EXPEDITION, 1974-75. *Zool. J. Linn. Soc.* 66(3):205-249. July 1979. SFA 25(1)

71-007703 Bannerot, S. P. FISH DENSITY AS A FUNCTION OF REEF SIZE. *Fla. Sci.* 42(Suppl. 1):22. 1979. Abstract only. SFA 24(3)

71-007704 Baranes, A. and A. Ben-Tuvia. TWO RARE CARCHARHINIDS, *HEMIPRISTIS ELONGATUS* AND *IAGO OMANENSIS*, FROM THE NORTHERN RED SEA. *Isr. J. Zool.* 28(1):39-50. 1979. SFA 25(2)

71-007705 Baranes, A. and Ben-Tuvia, A. OCCURRENCE OF THE SANDBAR SHARK /CARCHARHINUS PLUMBEUS/ IN THE NORTHERN RED SEA. *Isr. J. Zool.* 27 (1): 45-51. 1978. SFA 24(1)

71-007706 Barger, L. E.; Collins, L. A. and Finucane, J. H. FIRST RECORD OF BLUEFISH LARVAE, /POMATOMUS SALTATRIX/, IN THE GULF OF MEXICO. *Northeast Gulf Sci.* 2 (2): 145-148. Dec. 1978. SFA 24(3)

71-007707 Barker, J. L. and Kulp, K. P. LIMNOLOGICAL SURVEY OF SACONY CREEK BASIN, BERKS COUNTY PENNSYLVANIA. *U.S. Geol. Surv. Water Res. Div.* No. USGS/WRI 76-84. 45p. Aug. 1976. SFA 23(1)

71-007708 Barnes, M. D. EASTERN SAND DARTER, /AMMOCRYPTA PELLUCIDA/ AND OTHER FISHES FROM THE STREAMS OF THE WAYNE NATIONAL FOREST. *Ohio J. Sci.* 79 (2): 92-94. Mar. 1979. SFA 24(3)

71-007709 Barr, W. C. and Holbrook, J. A. II. A METHOD FOR ANALYSIS OF DIFFERENCES IN FISH COMMUNITY SPECIES OCCURRENCES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:276-279. 1976[1978]. SFA 24(1)

71-007710 Barraclough, W. E. and Peden, A. E. FIRST RECORDS OF THE PRICKLEBREAST POACHER (/STELLERINA XYOSTERNA/), AND THE CUTFIN POACHER (/XENERETMUS LEIOPS/) FROM BRITISH COLUMBIA, WITH KEYS TO THE POACHERS (AGONIDAE) OF THE PROVINCE. *Syesis* 9: 19-23. 1976. SFA 22(4)

71-007711 Barron, R. J. C. THE OCCURRENCE OF THE ROCK GOBY, /GOBIUS PAGANELLUS/ L. 1758 AND THE TWO-SPOT GOBY, /CHAPARRUDO FLAVESCENS/ (FABRICIUS, 1779) IN THE BLACKWATER ESTUARY, ESSEX (S.E. ENGLAND). *J. Fish Biol.* 8 (1): 93-95. Jan. 1976. SFA 22(1)

71-007712 Barton, M. FIRST OREGON RECORDS FOR TWO BLENNIOID FISHES. *Calif. Fish Game* 64 (1): 60. Jan. 1978. SFA 23(3)

71-007713 Basham, L. and Gilbreath, L. UNUSUAL OCCURRENCE OF PINK SALMON (/ONCORHYNCHUS GORBUSCHA/) IN THE SNAKE RIVER OF SOUTHEASTERN WASHINGTON. *Northwest Sci.* 52 (1): 32-34. Feb. 1978. SFA 23(3)

71-007714 Basu, N. C. and Pakrasi, B. B. ON THE OCCURRENCE OF MILK FISH, /CHANOS CHANOS/ (FORSKAL) LARVAE IN THE BAKKHALI REGION OF LOWER SUNDERBANS. *J. Inland Fish. Soc. India* 8: 97-104. Dec. 1976. SFA 24(3)

71-007715 Bath, H. *OMOBRANCHUS PUNCTATUS* (VALENCIENNES 1836) NEU IM SUEZ-KANAL. [*OMOBRANCHUS PUNCTATUS* (VALENCIENNES 1836) NEW IN THE SUEZ CANAL.] *Senckenbergiana Biol.* 60(5/6):317-319. 1979. In German with English summ. SFA 25(4)

71-007716 Beaubrun, P. C. CATALOGUE RAISONNE DES POISSONS DES MERS MAROCAINES (3EME PARTIE) ORDRE DES MUGILIFORMES (FAMILLES DES /SPHYRAENIDAE/, /MUGILIDAE/ ET /ATHERINIDAE/). [CATALOG OF FISH OF MOROCCAN SEAS (PART 3). ORDER MUGILIFORMES (FAMILES /SPHYRAENIDAE/, /MUGILIDAE/ AND /ATHERINIDAE/).] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 135-157. June 1978. In French. SFA 23(4)

71-007717 Beecher, H. A. and B. H. Beecher. FIRST RECORD OF *COUESIUS PLUMBEUS* (AGASSIZ) (OSTEICHTHYES: CYPRINIDAE) FROM WASHINGTON. *Syesis* 12:175-176. 1979. SFA 25(3)

71-007718 Begg, G. W. SOME NOTES ON THE SANDVLEI FISH FAUNA, MUIZENBERG, CAPE. *Piscator* No. 96. 4-14. 1976. SFA 21(4)

71-007719 Behrstock, R. A. A JUVENILE OCEAN TRIGGERFISH, /CANTHIDERMIS MACULATUS/ (BLOCH), (PISCES, BALISTIDAE) FROM THE GULF OF CALIFORNIA. *Calif. Fish Game* 65 (3): 169-170. July 1979. SFA 24(4)

71-007720 Behrstock, R. A. FIRST RECORD OF THE DECORATED WARBONNET, /CHIROLOPHIS DECORATUS/ (JORDAN AND SNYDER 1902), IN CALIFORNIA WATERS. *Calif. Fish Game* 62 (4): 308-309. Oct. 1976. SFA 21(4).

71-007721 Bell, M. A. A LATE MIOCENE MARINE THREESPINE STICKLEBACK, /GASTEROSTEUS ACULEATUS ACULEATUS/, AND ITS ZOOGEOGRAPHIC AND EVOLUTIONARY SIGNIFICANCE. *Copeia* 1977 (2): 277-282. 25 May 1977. SFA 22(3)

71-007722 Bell, M. A. FISHES OF THE SANTA CLARA RIVER SYSTEM, SOUTHERN CALIFORNIA. *Nat. Hist. Mus. Los Ang. Cty. Contrib. Sci.* No. 295. 20p. 15 May 1978. SFA 23(4)

71-007723 Belyanina, T. N. LARVAL FISHES OF THE FAMILY HOLOCENTRIDAE IN FISH PLANKTON FROM THE GULF OF TONKIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 248-253. 1974. SFA 21(2).

71-007724 Belyanina, T. N. and Lopes, G. R. THE OCCURRENCE OF /BREGMACEROS NECTABANUS/ (PISCES, BREGMACEROTIDAE) IN THE CARIBBEAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 447-449. 1974. SFA 21(2).

71-007725 Belyanina, T. N. LARVAE AND JUVENILES FROM THE FAMILIES MELANOSTOMIATIDAE, STOMIATIDAE, IDIACANTHIDAE, ASTRONESTHIDAE AND CHAULIODONTIDAE FROM THE COLLECTIONS OF THE INDIAN OCEAN BIOLOGICAL CENTER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 178-182. 1976. SFA 22(3)

71-007726 Ben-Tuvia, A. REVISED LIST OF THE MEDITERRANEAN FISHES OF ISRAEL. *Isr. J. Zool.* 20: 1-39. 1971. SFA 24(4)

71-007727 Berg, M. PINK SALMON, /ONCORHYNCHUS GORBUSCHA/ (WALBAUM) IN NORWAY. *Inst. Freshwater Res. Drottningholm Rep.* No. 56. p. 12-17. 1977. SFA 23(2)

71-007728 Berra, T. M.; Moore, R. and Reynolds, L. F. THE FRESHWATER FISHES OF THE LALOKI RIVER SYSTEM OF NEW GUINEA. *Copeia* 1975(2):316-326. 23 May 1975. SFA 21(1).

71-007729 Berrien, P. L. EGGS AND LARVAE OF /SCOMBER SCOMBRUS/ AND /SCOMBER JAPONICUS/ IN CONTINENTAL SHELF WATERS BETWEEN MASSACHUSETTS AND FLORIDA. *NOAA Fish. Bull.* 76 (1): 95-115. Jan. 1978. SFA 23(3)

71-007730 Berrien, P. L.; Fahay, M. P.; Kendall, A. W., Jr. and Smith, W. G. ICHTHYOPLANKTON FROM THE RV /DOLPHIN/ SURVEY OF CONTINENTAL SHELF WATERS BETWEEN MARTHA'S VINEYARD, MASSACHUSETTS AND CAPE LOOKOUT, NORTH CAROLINA, 1965-66. *U.S. Dep. Commer. Natl. Mar. Fish. Serv. Sandy Hook Lab. Tech. Ser. Rep.* No. 15. 152p. Mar. 1978. SFA 23(4)

71-007731 Berry, D. K. NORTHERN RANGE EXTENSION FOR THE BRASSY MINNOW IN NORTHEASTERN ALBERTA. *Can. Field-Nat.* 91 (4): 402-403. Oct.-Dec. 1977. SFA 23(3)

71-007732 Bertelsen, E. and Pietsch, T. W. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. XLVII. CERATIOID ANGLERFISHES OF THE FAMILY ONEIRODIDAE COLLECTED BY THE FRV "WALTHER HERWIG". *Arch. Fischereiwiss.* 27 (3): 171-189. Mar. 1977. In English with German summ. SFA 22(3)

71-007733 Best, E. A. DISTRIBUTION AND ABUNDANCE OF JUVENILE HALIBUT IN THE SOUTHEASTERN BERING SEA. *Int. Pac. Halibut Comm. Sci. Rep.* No. 62. 23p. 1977. SFA 23(1)

71-007734 Bhatnagar, G. K. ON A COLLECTION OF FISH FROM BHAKRA RESERVOIR, SUTLEJ RIVER AND CLOSELY ASSOCIATED WATERS. *J. Inland Fish. Soc. India* 5:134-136. Dec. 1973. SFA 24(3)

71-007735 Bich, J. P. and Scalet, C. G. FISHES OF THE LITTLE MISSOURI RIVER, SOUTH DAKOTA. *Proc. S. D. Acad. Sci.* 56: 163-177. 1977. SFA 23(3)

71-007736 Bich, J. P. and Scalet, C. G. FISHES OF THE LITTLE MISSOURI RIVER, SOUTH DAKOTA. *Proc. S.D. Acad. Sci.* 56: 163-177. 1977. SFA 24(2)

71-007737 Binderim, G. E. FISHES OF MILL CREEK, A TRIBUTARY OF THE WASHITA RIVER, JOHNSTON AND MURRAY COUNTIES, OKLAHOMA. *Proc. Okla. Acad. Sci.* 57: 1-11. 1977. SFA 23(3)

71-007738 Bird, F. H. and Roberson, K. PYGMY WHITEFISH, /PROSOPIUM COULTERI/, IN THREE LAKES OF THE COPPER RIVER SYSTEM IN ALASKA. *J. Fish. Res. Board Can.* 36 (4): 168-470. Apr. 1979. In English with French summ. SFA 24(3)

71-007739 Bishop, F. G. A NEW DISTRIBUTION RECORD FOR BRASSY MINNOW IN NORTHWESTERN ALBERTA. *Can. Field-Nat.* 89 (3): 319-320. July-Sept. 1975. SFA 21(4)

71-007740 Bishop, F. G. OBSERVATIONS ON THE FISH FAUNA OF THE PEACE RIVER IN ALBERTA. *Can. Field-Nat.* 89 (4): 423-430. Oct.-Dec. 1975. SFA 21(4)

71-007741 Bisson, P. A. OCCURRENCE OF THE SHORTHEAD SCULPIN, /COTTUS CONFUSUS/, IN A HEADWATER TRIBUTARY OF DESCHUTES RIVER, WASHINGTON. *Northwest Sci.* 51 (1): 43-45. Feb. 1977. SFA 23(1)

71-007742 Blaber, S. J. M. FISH OF THE TRINITY INLET SYSTEM OF NORTH QUEENSLAND WITH NOTES ON THE ECOLOGY OF FISH FAUNAS OF TROPICAL INDO-PACIFIC ESTUARIES. *Aust. J. Mar. Freshwater Res.* 31(2):137-146. Apr. 1980. SFA 25(4)

71-007743 Blaber, S. J. M. FISHES OF THE KOSI SYSTEM. *Lammergeyer* 24: 28-41. Mar. 1978. SFA 23(4)

71-007744 Blackburn, M. and Nellen, W. DISTRIBUTION AND ECOLOGY OF PELAGIC FISHES STUDIED FROM EGGS AND LARVAE IN AN UPWELLING AREA OFF SPANISH SAHARA. *NOAA Fish. Bull.* 74(4):885-896. Oct. 1976. SFA 22(2)

71-007745 Bodaly, R. A. and Lindsey, C. C. PLEISTOCENE WATERSHED EXCHANGES AND THE FISH FAUNA OF THE PEEL RIVER BASIN, YUKON TERRITORY. *J. Fish. Res. Board Can.* 34(3):388-395. Mar. 1977. In English with French summ. SFA 22(3)

71-007746 Bohnsack, J. A. RESOLUTION OF THE ORDER VERSUS CHAOS CONTROVERSY CONCERNING REEF FISH COMMUNITY STRUCUTRE IN TERMS OF ISLAND BIOGEOGRPAHIC THEORY. *Fla. Sci.* 43(Suppl. 1):23. 1980. Abstract only. SFA 25(2)

71-007747 Bohnsack, J. A. AN EXPERIMENTAL COMPARISON OF REEF FISH COMMUNITY STRUCTURE ON FLORIDA AND AUSTRALIAN MODEL REEFS. *Fla. Sci.* 42(Suppl. 1):22. 1979. Abstract only. SFA 24(3)

71-007748 Boles, G. L. A RANGE EXTENSION FOR THE LOGPERCH, /PERCINA MACROLEPIDA/, IN CALIFORNIA. *Calif. Fish Game* 62 (2): 154. Apr. 1976. SFA 21(2).

71-007749 Borroni, I. and Grimaldi, E. PRESENZA DI /BLENNIUS FLUVIATILIS/ (PISCES: BLENNIIDAE) NEL LAGO MAGGIORE. [THE PRESENCE OF THE FRESHWATER BLENNY /BLENNINUS FLUVIALITIS/ ASSO IN LAGO MAGGIORE (NORTHERN ITALY) IS ASCERTAINED FOR THE FIRST TIME.] *Mem. Ist. Ital. Idrobiol. Dott. Marco de Marchi* 36:303-308. 1978. SFA 25(1)

71-007750 Borroni, I. INVOLONTARIA INTRODUZIONE NEL LAGO TRASIMENO (UMBRIA) DI UN GOBIDE DI ACQUA SALMASTRA (/KNIPOWITSCHIA PANIZZAI/) A SEGUITO DE PRACTICHE ITTIOGENICHE. [INVOLUNTARY INTRODUCTION INTO LAGO TRASIMENO (CENTRAL ITALY) OF A BRACKISH WATER GOBID (/KNIPOWITSCHIA PANIZZAI/) AS A RESULT OF ICHTHYOLOGICAL PRACTICES.] *Mem. Ist. Ital. Idrobiol.* 33: 297-304. 1976. In Italian with English summ. SFA 22(4)

71-007751 Borroni, I. PRESENZA DELLO SPINARELLO (/GASTEROSTEUS ACULEATUS/) NEL BACINO DEL FIUME TOCE (PIEMONTE): STRUTTURA, CARATTERISTICHE DELLA CORAZZA CUTANEA ED ORIGINE DELLA POPOLAZIONE. [PRESENCE OF THE THREE-SPINED STICKLEBACK (/GASTEROSTEUS ACULEATUS/) IN THE RIVER TOCE (PIEDMONT): STRUCTURE, CHARACTERISTICS OF THE BONY PLATES AND ORIGIN OF THE POPULATION.] *Mem. Ist. Ital. Idrobiol.* 32:333-348. 1975. In Italian with English summ. SFA 21(1).

71-007752 Boschung, H. THE SHARKS OF THE GULF OF MEXICO, EXCLUSIVE OF THE SMALL BENTHIC SPECIES. *Ala. Mus. Nat. Hist. Nat. Notebook* No. 4. 16p. Oct. 1978. SFA 24(2)

71-007753 Boschung, H., (ed.). ENDANGERED AND THREATENED PLANTS AND ANIMALS OF ALABAMA. *Bull. Ala. Mus. Nat. Hist.* No.2. 92p. 15 Oct. 1976. SFA 24(2)

71-007754 Bounds, S. M. and Beadles, J. K. FISHES OF THE FOURCHE RIVER IN NORTHCENTRAL ARKANSAS. *Proc. Ark. Acad. Sci.* 30: 22-26. 1976. SFA 22(3)

71-007755 Bounds, S. V.; Beadles, J. K. and Johnson, B. M. FISHES OF RANDOLPH COUNTY, ARKANSAS. *Proc. Ark. Acad. Sci.* 31: 21-25. 1977. SFA 23(3)

71-007756 Bourgeois, M. FISHES OF THE SIOUX FALLS RIVER PARK AREA. *Proc. N.D. Acad. Sci.* 33: 83. Apr. 1979. Abstract only. SFA 24(3)

71-007757 Branson, B. A. THREATENED FISHES OF DANIEL BOONE NATIONAL FOREST, KENTUCKY. *Trans. Ky. Acad. Sci.* 38 (1-2): 69-73. Mar. 1977. SFA 22(3)

71-007758 Branson, B. A. ENDANGERED FISH OF KENTUCKY STREAMS. *Nat. Hist.* 86 (2): 64-69. Feb. 1977. SFA 22(3)

71-007759 Briggs, P. T.; C. S. Zawacki and F. M. Mushacke. NOTES ON FISHES RARE IN THE WATERS OFF THE SOUTH SHORE OF LONG ISLAND. *N.Y. Fish Game J.* 26(2):195-197. July 1979. SFA 25(2)

71-007760 Brittan, M. R. and Grossman, G. D. A PACU (COLOSSOMA, FAMILY CHARACIDAE) CAUGHT IN THE SACRAMENTO RIVER. *Calif. Fish Game* 65 (3): 170-173. July 1979. SFA 24(4)

71-007761 Brock, R. E. OCCURRENCE AND VARIETY OF FISHES IN MIXOHALINE PONDS OF THE KONA, HAWAII, COAST. *Copeia* 1977 (1): 134-139. 16 Mar. 1977. SFA 22(3)

71-007762 Brownell, C. L. SUR QUELQUES COLLECTIONS DE POISSONS LITTORAUX DE L'ATLANTIQUE MAROCAIN. [SEVERAL COLLECTIONS OF MOROCCAN ATLANTIC INTERTIDAL FISHES.] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 111-133. June 1978. In French with English summ. SFA 23(4)

71-007763 Brundage, H. M. III. FISH EGGS AND LARVAE OF THE ARTHUR KILL. *Underwater Nat.* 11 (1): 12-15. May 1978. SFA 23(4)

71-007764 Bruton, M. N. FIRST RECORD OF /SAROTHERODON PLACIDUS/ (PISCES: CICHLIDAE) FROM SOUTH AFRICA. *Lammergeyer* No. 22. p. 33-36. Oct. 1975. SFA 24(2)

71-007765 Bryant, R. T.; Ryon, M. G. and Beets, J. P. REDISCOVERY OF THE SHARPHEAD DARTER, /ETHEOSTOMA ACUTICEPS/, IN NORTH CAROLINA (PISCES: PERCIDAE). *Brimleyana* No. 2. p. 137-140. Nov. 1979. SFA 25(1)

71-007766 Burgess, G. H. and Franz, R. ZOOGEOGRAPHY OF THE AQUATIC FAUNA OF THE ST. JOHNS RIVER SYSTEM WITH COMMENTS ON ADJACENT PENINSULAR FAUNAS. *Am. Midl. Nat.* 100 (1): 160-170. July 1978. SFA 24(1)

71-007767 Burr, B. M. A DISTRIBUTIONAL CHECKLIST OF THE FISHES OF KENTUCKY. *Brimleyana* No. 3. p. 53-84. July 1980. SFA 25(4)

71-007768 Burr, B. M. and R. L. Mayden. DISPERSAL OF RIANBOW SMELT, *OSMERUS MORDAX*, INTO THE UPPER MISSISSIPPI RIVER (PISCES: OSMERIDAE). *Am. Midl. Nat.* 104(1):198-201. July 1980. SFA 25(4)

71-007769 Burr, B. M. and Smith, P. W. STATUS OF THE LARGESCALE STONEROLLER, /CAMPOSTOMA OLIGOLEPIS/. *Copeia* 1976 (3): 521-531. Aug. 1976. SFA 21(3).

71-007770 Burr, B. M. and Buth, D. G. NEW LOCALITIES FOR THE RARE MEXICAN CLINGFISH, /GOBIESOX FLUVIATILIS/, FROM DURANGO AND CHIHUAHUA. *Southwest. Nat.* 22 (1): 125-128. 1 Mar. 1977. SFA 22(3)

71-007771 Burr, B. M. DISTRIBUTION AND TAXONOMIC STATUS OF THE STONEROLLER, /CAMPOSTOMA ANOMALUM/, IN ILLINOIS. *Nat. Hist. Misc. (Chic.)* No. 194. 8p. Jan. 1976. SFA 21(3).

71-007772 Burr, B. M.; Cashner, R. C. and Pflieger, W. L. /CAMPOSTOMA OLIGOLEPIS/ AND /NOTROPIS OZARCANUS/ (PISCES: CYPRINIDAE), TWO ADDITIONS TO THE KNOWN FISH FAUNA OF THE ILLINOIS RIVER, ARKANSAS AND OKLAHOMA. *Souhtwest. Nat.* 24(2):381-383. 31 July 1979. SFA 25(1)

71-007773 Bussing, W. A. and M. I. López S. *GUENTHERUS ALTIVELA* OSORIO, THE FIRST ATELEOPODID FISH REPORTED FROM THE EASTERN PACIFIC OCEAN. *Rev. Biol. Trop.* 25(2):179-190. Dec. 1977. SFA 25(4)

71-007774 Cadwallader, P. L. J. O. LANGTRY'S 1949-50 MURRAY RIVER INVESTIGATIONS. *Victoria Fish. Wildl. Pap.* No. 13. 70p. Sept. 1977. SFA 23(3)

71-007775 Cadwallader, P. L. ACCLIMATISATION OF RUDD /SCARDINIUS ERYTHROPHTHALMUS/ (PISCES: CYPRINIDAE), IN THE NORTH ISLAND OF NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 12(1):81-82. Mar. 1978. SFA 24(1)

71-007776 Campbell, R. N. and R. B. Williamson. THE FISHES OF INLAND WATERS IN THE OUTER HEBRIDES. *Proc. R. Soc. Edinburgh Sect. B Biol. Sci.* 77:377-393. 1979. SFA 25(2)

71-007777 Carlson, C. A.; C. G. Prewitt; D. E. Snyder; E. J. Wick; E. L. Ames and W. D. Fronk. FISHES AND MACROINVERTEBRATES OF THE WHITE AND YAMPA RIVERS, COLORADO. *U.S. Dep. Interior Bur. Land Manage. (Colo.) Biol. Sci. Ser.* No. 1. ix + 276p. Feb. 1979. SFA 25(2)

71-007778 Carlson, H. R. SEASONAL DISTRIBUTION AND ENVIRONMENT OF PACIFIC HERRING NEAR AUKE BAY, LYNN CANAL, SOUTHEASTERN ALASKA. *Trans. Am. Fish. Soc.* 109(1):71-78. Jan. 1980. SFA 25(2)

71-007779 Cashner, R. C. and Brown, J. D. LONGITUDINAL DISTRIBUTION OF THE FISHES OF THE BUFFALO RIVER IN NORTHWESTERN ARKANSAS. *Tulane Stud. Zool. Bot.* 19 (3,4): 37-46. Mar. 1977. SFA 22(3)

71-007780 Cashner, R. C.; Grady, J. M. and Pezold, F. L. A RECENT RECORD FOR THE FRECKLED DARTER, /PERCINA LENTICULA/ RICHARDS AND KNAPP, FROM THE STRONG RIVER, MISSISSIPPI. *Proc. La. Acad. Sci.* 41: 9-10. 1978. SFA 24(2)

71-007781 Casteel, R. W. AN EARLY POST-GLACIAL RECORD OF THE PACIFIC SARDINE /SARDINOPS SAGAX/, FROM SAANICH INLET, VANCOUVER ISLAND, BRITISH COLUMBIA. *Copeia* 1975(3):576-578. 5 Aug. 1975. SFA 21(1).

71-007782 Cavender, T. M. TAXONOMY AND DISTRIBUTION OF THE BULL TROUT, /SALVELINUS CONFLUENTUS/ (SUCKLEY), FROM THE AMERICAN NORTHWEST. *Calif. Fish Game* 64 (3): 139-174. July 1978. SFA 24(1)

71-007783 Chaloner, W. G.; P. L. Forey; B. G. Gardiner; A. J. Hill and V. T. Young. DEVONIAN FISH AND PLANTS FROM THE BOKKEVELD SERIES OF SOUTH AFRICA. *Ann. S. Afr. Mus.* 81(3):127-157. Feb. 1980. SFA 25(3)

71-007784 Chandra, R. ON THE OCCURRENCE OF /PSILORHYNCHUS SUCATIO/ (HAM.) IN THE RIVER GANGA AT ALLAHABAD AND BUXAR WITH NOTES ON THE DISTRIBUTION OF /PSILORHYNCHUS/ SPP. *Matsya* 2: 81-82. 1976. SFA 24(3)

71-007785 Chereshnev, I. A. THE OCCURRENCE OF THE "PIZHYAN" WHITEFISH /COREGONUS LAVARETUS PIDSCHIAN/ ON THE CHUKOTSK PENINSULA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):850-851. 1976. SFA 23(2)

71-007786 Chervinski, J. FIRST RECOVERY OF /LIZA CARINATA/ (TELEOSTEI: MUGILIDAE) FROM LAKE KINNERET. *Isr. J. Zool.* 27 (1): 52. 1978. SFA 24(1)

71-007787 Chittenden, M. E., Jr. and Moore, D. COMPOSITION OF THE ICHTHYOFAUNA INHABITING THE 110-METER BATHYMETRIC CONTOUR OF THE GULF OF MEXICO, MISSISSIPPI RIVER TO THE RIO GRANDE. *Northeast Gulf Sci.* 1 (2): 106-114. Dec. 1977. SFA 24(1)

71-007788 Clark, E. and Ben-Tuvia, A. RED SEA FISHES OF THE FAMILY BRANCHIOSTEGIDAE WITH A DESCRIPTION OF A NEW GENUS AND SPECIES /ASYMMETRURUS ORENI/. *Sea Fish. Res. Stn. (Haifa) Bull.* 60: 63-74. 1974. SFA 24(4)

71-007789 Clark, T. FISHES OF THE MOUTH OF WOLF RIVER, DONIPHAN COUNTY, KANSAS. *Trans. Kans. Acad. Sci.* 82:188-193. 1979. SFA 25(2)

71-007790 Coad, B. W. A PROVISIONAL, ANNOTATED CHECK-LIST OF THE FRESHWATER FISHES OF IRAN. *J. Bombay Nat. Hist. Soc.* 76(1):86-105. Apr. 1979. SFA 25(3)

71-007791 Collins, M. A. J. THE LUMPFISH (/CYCLOPTERUS LUMPUS/ L.) IN NEWFOUNDLAND WATERS. *Can. Field-Nat.* 90 (1): 64-67. Jan.-Mar. 1976. SFA 21(4)

71-007792 Colton, D. E. and Alevizon, W. S. A DESCRIPTION OF THE FISH ASSEMBLAGE ASSOCIATED WITH A CALCIUM CARBONATE REEF OFF THE FLORIDA KEYS. *Fla. Sci.* 42 (Suppl. 1): 22. 1979. Abstract only. SFA 24(3)

71-007793 Colton, J. B., Jr. and Byron, R. R. GULF OF MAINE-GEORGES BANK ICHTHYOPLANKTON COLLECTED ON ICNAF LARVAL HERRING SURVEYS SEPTEMBER 1971-FEBRUARY 1975. *NOAA Tech. Rep. NMFS SSRF* 717. iii + 35p. Nov. 1977. SFA 23(2)

71-007794 Comp, G. S. PATTERNS OF SEASONALITY AND RELATIVE ABUNDANCE OF FISHES IN EASTERN TAMPA BAY. *Fla. Sci.* 43(Suppl. 1):25. 1980. Abstract only. SFA 25(2)

71-007795 Conner, J. V. and Bryan, C. F. REVIEW AND DISCUSSION OF BIOLOGICAL INVESTIGATIONS IN THE LOWER MISSISSIPPI AND ATCHAFALAYA RIVERS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 429-441. 1975. SFA 21(3).

71-007796 Conner, J. V. ZOOGEOGRAPHY OF FRESHWATER FISHES IN WESTERN GULF SLOPE DRAINAGES BETWEEN THE MISSISSIPPI AND THE RIO GRANDE. *Ph.D. dissertation, Tulane Univ.* 280p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1601. Oct. 1977. SFA 23(3)

71-007797 Cook, K. D. FISH POPULATION STUDY OF WEST CACHE CREEK WITH EMPHASIS ON SEARCH FOR THE WICHITA SPOTTED BASS, /MICROPTERUS PUNCTULATUS WICHITAE/. *Proc. Okla. Acad. Sci.* 59:1-3. 1979. SFA 25(1)

71-007798 Cooley, N. R. AN INVENTORY OF THE ESTUARINE FAUNA IN THE VICINITY OF PENSACOLA, FLORIDA. *Fla. Dep. Nat. Resour. Mar. Res. Lab. Publ.* No. 31. 119p. Dec. 1978. SFA 24(4)

71-007799 Courtenay, W. R., Jr. and Hensley, D. A. RANGE EXPANSION IN SOUTHERN FLORIDA OF THE INTRODUCED SPOTTED TILAPIA, WITH COMMENTS ON ITS ENVIRONMENTAL IMPRESS. *Environ. Conserv.* 6(2):149-151. 1979. SFA 25(1)

71-007800 Courtenay, W. R., Jr. ADDITIONAL RANGE EXPANSION IN FLORIDA OF THE INTRODUCED WALKING CATFISH. *Environ. Conserv.* 5 (4): 273-275. 1978. SFA 24(2)

71-007801 Courtenay, W. R., Jr. and Miley, W. W. II RANGE EXPANSION AND ENVIRONMENTAL IMPRESS OF THE INTRODUCED WALKING CATFISH IN THE UNITED STATES. *Environ. Conserv.* 2(2):145-148. 1975. SFA 21(1).

71-007802 Courtenay, W. R., Jr.; Sahlman, H. F.; Miley, W. W. II and Herrema, D. J. EXOTIC FISHES IN FRESH AND BRACKISH WATERS OF FLORIDA. *Biol. Conserv.* 6(4):292-302. Oct. 1974. SFA 21(1).

71-007803 Courtenay, W. R., Jr. STATUS OF INTRODUCED WALKING CATFISH IN FLORIDA. *IUCN Bull.* 6(6):23-24. June 1975. SFA 21(1).

71-007804 Crane, M. E. and Simco, B. A. FISHES OF THE RIO ARMERIA, COLIMA, MEXICO. *J. Tenn. Acad. Sci.* 52(2):73. Apr. 1977. Abstract only. SFA 22(3)

71-007805 Cross, F. B. and Huggins, D. G. SKIPJACK HERRING, /ALOSA CHRYSOCHLORIS/, IN THE MISSOURI RIVER BASIN. *Copeia* 1975(2):382-385. 23 May 1975. SFA 21(1).

71-007806 Cross, J. N. STATUS OF THE NATIVE FISH FAUNA OF THE MOAPA RIVER (CLARK COUNTY, NEVADA). *Trans. Am. Fish. Soc.* 105 (4): 503-508. July 1976. SFA 21(4).

71-007807 Crossman, E. J. and H. D. Van Meter. ANNOTATED LIST OF THE FISHES OF THE LAKE ONTARIO WATERSHED. *Great Lakes Fish. Comm. Tech. Rep.* No. 36. 25p. June 1979. SFA 25(3)

71-007808 Crossman, E. J. QUETICO FISHES. *R. Ont. Mus. Life Sci. Misc. Publ.* ix + 86p. 1976. SFA 24(2)

71-007809 Crossman, E. J. and Leach, J. H. FIRST CANADIAN RECORD OF A FLATHEAD CATFISH. *Can. Field-Nat.* 93 (2): 179-180. Apr.-June 1979. SFA 24(3)

71-007810 Cruz, C. A. G. SOBRE /CYNOLEBIAS AUREOGUTTATUS/ MYERS, 1952. (/OSTEICHTHYES, CYPRINODONTIDAE, RIVULINAE/). [ON /CYNOLEBIAS AUREOGUTTATUS/ MYERS, 1952. (/OSTEICHTHYES, CYPRINODONTIDAE, RIVULINAE/).] *Arq. Univ. Fed. Rural Rio de Janeiro* 4 (2): 19-21. 1974. In Portuguese with English summ. SFA 24(2)

71-007811 Curry, K. D. and Spacie, A. DISTRIBUTION OF STREAM FISHES IN TIPPECANOE COUNTY, INDIANA. *Proc. Indiana Acad. Sci.* 87: 182-188. 1977. SFA 24(2)

71-007812 D'Croz, L. and A. A. Averza. OBSERVACIONES SOBRE LA ABUNDANCIA Y DIVERSIDAD DE LAS POBLACIONES DE PECES ESTUARINOS EN EL CARIBE DE PANAMÁ. [OBSERVATIONS ON THE ABUNDANCE AND DIVERSITY OF ESTUARINE FISH POPULATIONS OF THE CARIBBEAN COAST OF PANAMA.] *Rev. Biol. Trop.* 27(2):189-201. 1979. In Spanish with English summ. SFA 25(3)

71-007813 Dalen, J. and Smedstad, O. M. BUNNFISKUNDERSOKELSER I BARENTSHAVET VINTEREN 1978. [INVESTIGATIONS ON DEMERSAL FISH IN THE BARENTS SEA IN WINTER 1978.] *Fisken Havet* 1979 (2): 1-13. 1979. In Norwegian with English summ. SFA 24(4)

71-007814 Dalen, J. and Smedstad, O. M. BUNNFISKUNDERSOKELSER VED BJORNOYA OG VEST-SPITSBERGEN HOSTEN 1977. [INVESTIGATIONS ON DEMERSAL FISH AT BEAR ISLAND AND WEST-SPITSBERGEN IN AUTUMN 1977.] *Fisken Havet* 1978 (3): 1-14. 1978. In Norwegian with English summ. SFA 24(3)

71-007815 Davis, J. R. REDISCOVERY, DISTRIBUTION, AND POPULATIONAL STATUS OF *CYPRINODON EXIMIUS* (CYPRINODONTIDAE) IN DEVIL'S RIVER, TEXAS. *Southwest. Nat.* 25(1):81-88. 30 Jan. 1980. SFA 25(2)

71-007816 Deacon, J. E. ENDANGERED AND THREATENED FISHES OF THE WEST. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:34. 30 Jan. 1980. Abstract only. SFA 25(3)

71-007817 Deacon, J. E. FISHES OF NORTH AMERICA ENDANGERED, THREATENED, OR OF SPECIAL CONCERN: 1979. *Fisheries (Bull. Am. Fish. Soc.)* 4 (2): 29-44. Mar.-Apr. 1979. SFA 24(4)

71-007818 Denoncourt, R. F.; Raney, E. C.; Hocutt, C. H. and Stauffer, J. R. A CHECKLIST OF THE FISHES OF WEST VIRGINIA. *Va. J. Sci.* 26 (3): 117-120. 1975. SFA 21(3).

71-007819 Denoncourt, R. F.; Hocutt, C. H. and Stauffer, J. R., Jr. ADDITIONS TO THE PENNSYLVANIA ICHTHYOFAUNA OF THE SUSQUEHANNA RIVER DRAINAGE. *Proc. Acad. Nat. Sci. Phila.* 127 (9): 67-69. 28 Oct. 1975. SFA 22(3)

71-007820 Denoncourt, R. F.; Potter, W. A. and Stauffer, J. R., Jr. RECORDS OF THE GREENSIDE DARTER, /ETHEOSTOMA BLENNIOIDES/ FROM THE SUSQUEHANNA RIVER DRAINAGE IN PENNSYLVANIA. *Ohio J. Sci.* 77 (1): 38-42. Jan. 1977. SFA 22(3)

71-007821 Dewey, M. R. and T. E. Moen. FISHES OF THE CADDO RIVER, ARKANSAS AFTER IMPOUNDMENT OF DEGRAY LAKE. *Proc. Ark. Acad. Sci.* 32:39-42. 1978. SFA 25(4)

71-007822 DeWit, L. A. NOTES ON SHARK SPECIES IN NEARSHORE WATERS NEAR POINT CONCEPTION, CALIFORNIA. *Calif. Fish Game* 63(4):273-274. Oct. 1977. SFA 23(2)

71-007823 Dexter, R. W. THE KIRTLAND-STORER CORRESPONDENCE ON OHIO FISHES (1838-45) AND A KIRTLAND-BAIRD COLLECTION OF OHIO FISHES (1853). *Kirtlandia* No. 32. p. 1-19. 16 June 1980. SFA 25(3)

71-007824 Dodrill, J. W. and Gilmore, R. G. FIRST NORTH AMERICAN CONTINENTAL RECORD OF THE LONGFIN MAKO (/ISURUS PAUCUS/ GUITART MANDAY). *Fla. Sci.* 42 (1): 52-58. 1979. SFA 24(3)

71-007825 Dodswell, M. J. FURTHER NEW LOCALITIES FOR CERTAIN COLDWATER FISHES IN EASTERN ONTARIO AND WESTERN QUEBEC. *Can. Field-Nat.* 89 (4): 447-450. Oct.-Dec. 1975. SFA 21(4)

71-007826 Domanevskiy, L. N. THE FRILL SHARK, /CHLAMIDOSELACHUS ANGUINEUS/, FROM THE CAPE BLANC AREA (CENTRAL EASTERN ATLANTIC). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(6):1000-1002. 1975. SFA 22(1)

71-007827 Dooley, J. K. A RARE AND UNUSUALLY LARGE MACROURID FISH FROM THE CANARY ISLANDS. *Copeia* 1979 (3): 541-542. 1 Aug. 1979. SFA 24(4)

71-007828 Dudnik, Yu. I. SOME FEATURES OF THE GEOGRAPHICAL DISTRIBUTION OF THE ATLANTIC SAURY /SCOMBERESOX SAURUS/ IN THE SOUTH ATLANTIC IN WINTER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):182-189. 1975. SFA 21(3).

71-007829 Duffy, J. M. SOUTHERN RANGE EXTENSIONS FOR CHUM AND SOCKEYE SALMON, /ONCORHYNCHUS KETA/ AND /O. NERKA/. *Calif. Fish Game* 63 (3): 196-199. July 1977. SFA 23(1)

71-007830 Dukravets, G. M. and Biryukov, Yu. A. THE ICHTHYOFAUNA OF THE NURA RIVER BASIN IN CENTRAL KAZAKHSTAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 271-276. 1976. SFA 22(3)

71-007831 Echelle, A. A. and Hubbs, C. STATE PARK SPRING: HAVEN FOR ENDANGERED PUPFISH. *Tex. Parks Wildl.* 36 (6): 9-11. June 1978. SFA 23(3)

71-007832 Echelle, A. A. and Schnell, G. D. FACTOR ANALYSIS OF SPECIES ASSOCIATIONS AMONG FISHES OF THE KIAMICHI RIVER, OKLAHOMA. *Trans. Am. Fish. Soc.* 105(1):17-31. Jan. 1976. SFA 21(1).

71-007833 Echelle, A. A., Echelle, A. F. and Cross, F. B. FIRST RECORDS OF /CYPRINODON RUBROFLUVIATILIS/ (CYPRINODONTIDAE) FROM THE COLORADO AND ARKANSAS RIVER SYSTEMS, TEXAS. *Southwest. Nat.* 22(1):142-143. Mar. 1977. SFA 22(3)

71-007834 Ecology Consultants, Inc. CAPTURE LOCATIONS OF RARE FISH IN THE UPPER COLORADO RIVER SYSTEM. *U.S. Fish Wildl. Serv.* FWS/OBS-78/32. v + 44p. Dec. 1978. SFA 24(4)

71-007835 Edwards, J. C. and Peden, A. E. NORTHERNMOST KNOWN RECORD OF THE EEL GENUS /VENEFICA/ (NETTASTOMIDAE) ALONG THE NORTH AMERICAN WEST COAST. *Syesis* 9: 371-372. 1976. SFA 22(4)

71-007836 Eldridge, M. B. FACTORS INFLUENCING DISTRIBUTION OF FISH EGGS AND LARVAE OVER EIGHT 24-HR SAMPLINGS IN RICHARDSON BAY, CALIFORNIA. *Calif. Fish Game* 63(2):101-116. Apr. 1977. SFA 22(3)

71-007837 Elser, A. A.; M. W. Gorges and L. M. Morris. DISTRIBUTION OF FISHES IN SOUTHEASTERN MONTANA. *Mont. Dep. Fish Wildl. Parks* v + 132p. Apr. 1980. SFA 25(3)

71-007838 Emery, A. R. and Teleki, G. EUROPEAN FLOUNDER (/PLATICHTHYS FLESUS/) CAPTURED IN LAKE ERIE, ONTARIO. *Can. Field-Nat.* 92 (1): 89-91. Jan.-Mar. 1978. SFA 23(3)

71-007839 Encina, V. B. THE DISCOVERY AND DISTRIBUTION OF THE SPINY DOGFISH SHARK RESOURCE IN THE PHILIPPINES. *Philipp. J. Fish.* 11(1-):127-141. 1973. SFA 22(1)

71-007840 Evans, J. W. and Noble, R. L. THE LONGITUDINAL DISTRIBUTION OF FISHES IN AN EAST TEXAS STREAM. *Am. Midl. Nat.* 101(2):333-343. Apr. 1979. SFA 24(4)

71-007841 Faber, D. J. HYPONEUSTONIC FISH LARVAE IN THE NORTHUMBERLAND STRAIT DURING SUMMER 1962. *J. Fish. Res. Board Can.* 33 (5): 1167-1174. May 1976. In English with French summ. SFA 21(2).

71-007842 Fahay, M. P. and Obenchain, C. L. LEPTOCEPHALI OF THE OPHICHTHID GENERA /AHLIA/, /MYROPHIS/, /OPHICHTHUS/, /PISODONOPHIS/, /CALLECHELYS/, /LETHARCHUS/, AND /APTERICHTUS/, ON THE ATLANTIC CONTINENTAL SHELF OF THE UNITED STATES. *Bull. Mar. Sci.* 28 (3): 442-486. July 1978. SFA 23(4)

71-007843 Fahy, E. CHARACTERISTICS OF THE FRESHWATER OCCURRENCE OF SEA TROUT /SALMO TRUTTA/ IN IRELAND. *J. Fish Biol.* 11 (6): 635-646. Dec. 1977. SFA 23(2)

71-007844 Fairbanks, R. B. and Lawton, R. P. OCCURRENCE OF LARGE STRIPED MULLET, /MUGIL CEPHALUS/, IN CAPE COD BAY, MASSACHUSETTS. *Chesapeake Sci.* 18 (3): 309-310. Sept. 1977. SFA 22(4)

71-007845 Fay, R. C.; Vallee, J. A. and Brophy, P. AN ANALYSIS OF FISH CATCHES OBTAINED WITH AN OTTER TRAWL IN SANTA MONICA BAY, 1969-73. *Calif. Fish Game* 64 (2): 104-116. Apr. 1978. SFA 23(3)

71-007846 Fiske, J. D.; C. E. Watson and P. G. Coates. A STUDY OF THE MARINE RESOURCES OF PLEASANT BAY. *Mass. Dep. Nat. Resour. Div. Mar. Fish. Monogr. Ser.* No. 5. iii + 56p. May 1967. SFA 25(2)

71-007847 Fitch, J. E. and Schultz, S. A. SOME RARE AND UNUSUAL OCCURRENCES OF FISHES OFF CALIFORNIA AND BAJA CALIFORNIA. *Calif. Fish Game* 64 (2): 74-92. Apr. 1978. SFA 23(3)

71-007848 Fitch, J. E. THE VELVET WHALEFISH, /BARBOURISIA RUFA/, ADDED TO CALIFORNIA'S MARINE FAUNA, WITH NOTES ON OTOLITHS OF WHALEFISHES AND POSSIBLE RELATED GENERA. *Bull. South. Calif. Acad. Sci.* 78 (1): 61-67. Apr. 1979. SFA 24(4)

71-007849 Fitch, J. E. THE BIGSCALE GOATFISH, *PSEUDUPENEUS GRANDISQUAMIS* (GILL, 1863), ADDED TO CALIFORNIA'S MARINE FAUNA. *Calif. Fish Game* 66(2):123-124. Apr. 1980. SFA 25(3)

71-007850 Fives, J. M. and O'Brien, F. I. LARVAL AND POST-LARVAL STAGES OF FISHES RECORDED FROM THE PLANKTON OF GALWAY BAY, 1972-73. *J. Mar. Biol. Assoc. U. K.* 56 (1): 197-211. Feb. 1976. SFA 22(3)

71-007851 Flescher, D. D. GUIDE TO SOME TRAWL-CAUGHT MARINE FISHES FROM MAINE TO CAPE HATTERAS, NORTH CAROLINA. *NOAA Tech. Rep. NMFS Circ.* 431. iii + 34p. Mar. 1980. SFA 25(3)

71-007852 Francis, L. J. and Bjornn, T. C. AQUATIC RESOURCES IN THE NATURE CONSERVANCY PORTION OF SILVER CREEK. *Univ. Idaho For. Wildl. Range Exp. Stn. Tech. Rep.* 9. v + 84p. June 1979. SFA 25(1)

71-007853 Franz, R. and Lee, D. S. A RELICT POPULATION OF THE MOTTLED SCULPIN, /COTTUS BAIRDI/, FROM THE MARYLAND COASTAL PLAIN. *Chesapeake Sci.* 17 (4): 301-302. Dec. 1976. SFA 22(1)

71-007854 Frazier, G. C. and Beadles, J. K. THE FISHES OF SYLAMORE CREEK, STONE COUNTY, ARKANSAS. *Proc. Ark. Acad. Sci.* 31: 38-41. 1977. SFA 23(3)

71-007855 Frederikhsen, A. V. IDENTIFICATION OF SPECIES OF THE GENUS /SEBASTES/ FROM BONES FOUND IN THE STOMACH OF THE SPERMWHALE (/PHYSETER CATADON/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 483-487. 1977. SFA 23(3)

71-007856 Freeze, T. M. and Rayburn, K. J. A NOTE ON THE DISTRIBUTION OF /CHROSOMUS ERYTHROGASTER/ (CYPRINIDAE) IN KENTUCKY. *Trans. Ky. Acad. Sci.* 38(1-2):97. Mar. 1977. SFA 22(3)

71-007857 Friedman, B. and C. T. Hamilton. THE FISH LIFE OF UPPER NEW YORK BAY. *Underwater Nat.* 12(2):18-21. 1980. SFA 25(2)

71-007858 Fritzsche, R. A. THE FIRST EASTERN PACIFIC RECORDS OF BULLEYE, /COOKEOLUS BOOPS/ (BLOCH AND SCHNEIDER, 1801), (PISCES, PRIACANTHIDAE). *Calif. Fish Game* 64 (3): 219-221. July 1978. SFA 24(1)

71-007859 Froiland, O. FISH TYPES IN THE ZOOLOGICAL MUSEUM, UNIVERSITY OF BERGEN, NORWAY. *Sarsia* 64(3):143-154. 1979. SFA 25(1)

71-007860 Froiland, O. and Greve, L. /CALLIONYMUS RETICULATUS/ (PISCES, CALLIONYMIDAE) FROM WESTERN NORWAY. *Sarsia* 62:1-3. 30 Dec. 1976. SFA 22(3)

71-007861 Fulmer, R. F. and Harp, G. L. THE FISHES OF CROWLEY'S RIDGE IN ARKANSAS. *Proc. Ark. Acad. Sci.* 31: 42-45. 1977. SFA 23(3)

71-007862 Fursa, T. I. and Movchan, Yu. V. THE FISH FAUNA OF THE SOUTHWEST COAST OF INDIA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):351-362. 1978. SFA 25(1)

71-007863 Fursa, T. I. INVESTIGATIONS OF FISH PLANKTON OFF THE WEST COAST OF HINDUSTAN DURING THE PERIOD OF THE SUMMER MONSOON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 668-672. 1976. SFA 23(1)

71-007864 Fursa, T. I. LARVAE OF /BREGMACEROS MACCLELLANDI/ (PISCES, BREGMACEROTIDAE) FROM THE ARABIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 139-142. 1975. SFA 21(2).

71-007865 Fusaro, C. and S. Anderson. FIRST CALIFORNIA RECORD: THE SCALLOPED HAMMERHEAD SHARK, *SPHYRNA LEWINI*, IN COASTAL SANTA BARBARA WATERS. *Calif. Fish Game* 66(2):121-123. Apr. 1980. SFA 25(3)

71-007866 Futch, C. R. and Dwinell, S. E. NEARSHORE MARINE ECOLOGY AT HUTCHINSON ISLAND, FLORIDA: 1971-1974. IV. LANCELETS AND FISHES. *Fla. Mar. Res. Publ.* No. 24. 23p. May 1977. SFA 23(1)

71-007867 Galzin, R. LA FAUNE ICHTHYOLOGIQUE D'UN RECIF CORALLIEN DE MOOREA, POLYNESIE FRANÇAISE: ECHANTILLONNAGE ET PREMIERS RESULTATS. [THE FISH COMMUNITY OF A CORAL RÉEF OF MOOREA, FRENCH POLYNESIA: SAMPLING TECHNIQUES AND PRELIMINARY RESULTS.] *Terre Vie* 33(4):623-643. Oct.-Dec. 1979. In French with English summ. SFA 25(2)

71-007868 Gavlena, F. K. THE "BLACK-STRIPED PIPEFISH" [/SYNGNATHUS NIGROLINEATUS/], A NEW ELEMENT IN THE FISH FAUNA OF THE VOLGA RESERVOIRS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):800-801. 1974. SFA 21(2).

71-007869 Gibson, R. J. and Sears, R. AN OCCURRENCE OF /FUNDULUS DIAPHANUS/ (LESUEUR) ON THE NORTH SHORE OF THE GULF OF ST. LAWRENCE. *Nat. Can. (Que.)* 104 (3): 273-274. May-June 1977. In English with French summ. SFA 23(1)

71-007870 Gilbert, C. R., (ed.). RARE AND ENDANGERED BIOTA OF FLORIDA. VOLUME FOUR. FISHES. *Fla. Game Fresh Water Fish Comm.* xviii + 58p. 1978. SFA 24(3)

71-007871 Gilhen, J.; Gruchy, C. G. and McAllister, D. E. THE SHEEPSHEAD, /ARCHOSARGUS PROBATOCEPHALUS/, AND THE FEATHER BLENNY, /HYPSOBLENNIUS HENTZI/, TWO ADDITIONS TO THE CANADIAN ATLANTIC ICHTHYOFAUNA. *Can. Field-Nat.* 90(1):42-46. Jan.-Feb. 1976. SFA 21(4).

71-007872 Gilligan, M. R. THE ISLAND AND MAINLAND BIOGEOGRAPHY OF RESIDENT ROCKY-SHORE FISHES IN THE GULF OF CALIFORNIA. *Ph.D. dissertation, Univ. Ariz.* 150p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(2):452. Aug. 1980. SFA 25(4)

71-007873 Girijavallabhan, K. G. and Gnanamuttu, J. C. ON A MACKEREL LARVA (/RASTRELLIGER/ SP.) FROM THE INSHORE WATERS OF MADRAS. *Indian J. Fish.* 21 (1): 293-294. 1974. SFA 23(2)

71-007874 Goettl, J. P., Jr. and Edde, J. W. ENVIRONMENTAL EFFECTS OF OIL SHALE MINING AND PROCESSING. PART I--FISHES OF PICEANCE CREEK, COLORADO, PRIOR TO OIL SHALE PROCESSING. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-096. viii + 19p. Oct. 1978. SFA 24(4)

71-007875 Golovan', G. A. and N. P. Pahkorukov. A CATCH OF *ACANTHONUS ARMATUS* (FAMILY BROTULIDAE) OFF THE COAST OF NORTH-WEST AFRICA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):142-143. 1979. SFA 25(4)

71-007876 Gorbunova, N. N. DISTRIBUTION OF LARVAE OF SOME GEMPYLIDAE SPECIES (PISCES, TRICHIUROIDAE). *Oceanology* 17 (6): 732-735. June 1978. SFA 24(1)

71-007877 Gordon, J. D. M. THE FISH POPULATIONS OF INSHORE WATERS OF THE WEST COAST OF SCOTLAND. THE UNUSUAL OCCURRENCE OF THE BLUE WHITING (/MICROMESISTIUS POUTASSOU/) AND SOME NOTES ON ITS BIOLOGY. *J. Fish Biol.* 11 (2): 121-124. Aug. 1977. SFA 23(1)

71-007878 Goren, M. THE GOBIINAE OF THE RED SEA (PISCES: GOBIIDAE). *Senckenb. Biol.* 60(1/2):13-64. 15 Aug. 1979. SFA 25(1)

71-007879 Goren, M. and Klausewitz, W. TWO MEDITERRANEAN GOBIID FISHES NEW IN THE RED SEA. (PISCES: GOBIIDAE). *Senckenb. Biol.* 59 (1/2): 19-24. 1978. In English with German summ. SFA 23(4)

71-007880 Goren, M. ON THE OCCURRENCE OF *ACENTROGOBIUS BELISSIMUS* (PISCES: GOBIIDAE) IN THE RED SEA. *Isr. J. Zool.* 28(2/3):160-162. 1979. SFA 25(3)

71-007881 Gosselink, J. G.; C. L. Cordes and J. W. Parsons. AN ECOLOGICAL CHARACTERIZATION STUDY OF THE CHENIER PLAIN COASTAL ECOSYSTEM OF LOUISIANA AND TEXAS. VOLUME II. APPENDIXES. *U.S. Fish Wildl. Serv.* FWS/OBS-78/10. ix + 407p. Aug. 1979. SFA 25(2)

71-007882 Gosselink, J. G. AN ECOLOGICAL CHARACTERIZATION STUDY OF THE CHENIER PLAIN COASTAL ECOSYSTEM OF LOUISIANA AND TEXAS. VOLUME III. ATLAS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/11. Aug. 1979. SFA 25(2)

71-007883 Gosselink, J. G.; C. L. Cordes and J. W. Parsons. AN ECOLOGICAL CHARACTERIZATION STUDY OF THE CHENIER PLAIN COASTAL ECOSYSTEM OF LOUISIANA AND TEXAS. VOLUME I. NARRATIVE REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/9. xxiv + 302p. Aug. 1979. SFA 25(2)

71-007884 Goto, A.; Nakanishi, T.; Utoh, H. and Hamada, K. [A PRELIMINARY STUDY OF THE FRESHWATER FISH FAUNA OF RIVERS IN SOUTHERN HOKKAIDO.] *Bull. Fac. Fish. Hokkaido Univ.* 29 (2): 118-130. June 1978. In Japanese with English summ. SFA 24(3)

71-007885 Grace, R. V. and Grace, A. B. MARINE NOTES ON HEN ISLAND, NORTH-EASTERN NEW ZEALAND. *Tane* 24: 131-135. 1978. SFA 24(4)

71-007886 Gray, R. H. and Dauble, D. D. CHECKLIST AND RELATIVE ABUNDANCE OF FISH SPECIES FROM THE HANFORD REACH OF THE COLUMBIA RIVER. *Northwest Sci.* 51 (3): 208-215. Aug. 1977.

71-007887 Gray, R. H. and Dauble, D. D. NEW DISTRIBUTION RECORDS AND NOTES ON LIFE-HISTORY AND BEHAVIOUR OF THE SAND ROLLER, /PERCOPSIS TRANSMONTANA/ (EIGENMANN AND EIGENMANN). *Syesis* 9:369-370. 1976. SFA 22(4)

71-007888 Griffith, J. THE UPPER TRIASSIC FISHES FROM POLZBERG BEI LUNZ, AUSTRIA. *Zool. J. Linn. Soc.* 60 (1): 1-93. Jan. 1977. SFA 22(3)

71-007889 Gubanov, Ye. P. THE CAPTURE OF A GIANT SPECIMEN OF THE MAKO SHARK (/ISURUS GLAUCUS/) IN THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 589-590. 1974. SFA 21(2).

71-007890 Gubanov, Ye. P. THE FIRST CATCH OF A TAGGED THRESHER SHARK (/ALOPIAS VULPINUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 497-498. 1976. SFA 22(4)

71-007891 Guillory, V. A POSSIBLE EXPLANATION FOR THE ABSENCE OF ENDEMIC FISHES IN LOUISIANA. *Fla. Sci.* 42(4):253-255. 1979. SFA 25(2)

71-007892 Guillory, V. and Gasaway, R. D. ZOOGEOGRAPHY OF THE GRASS CARP IN THE UNITED STATES. *Trans. Am. Fish. Soc.* 107 (1): 105-112. Jan. 1978. SFA 23(3)

71-007893 Guillory, V. DISTRIBUTIONAL NOTES ON SOME LOWER MISSISSIPPI RIVER FISHES. *Fla. Sci.* 42(4):248-250. 1979. SFA 25(2)

71-007894 Guillory, V. NEW INTERPRETATIONS OF FISH DISPERSAL VIA THE LOWER MISSISSIPPI RIVER. *Fla. Sci.* 41 (2): 96-100. 1978. SFA 23(4)

71-007895 Guillory, V.; C. H. Hocutt and J. R. Stauffer, Jr. ENDANGERED FRESHWATER FISHES OF THE SOUTHEASTERN UNITED STATES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:703-714. 1978[1979]. SFA 25(2)

71-007896 Guillory, V., Sr. APPARENT ABSENCE OF /PERCINA NIGROFASCIATA/ FROM THE MISSISSIPPI VALLEY. *Copeia.* 1976 (4): 804-805. 30 Dec. 1976. SFA 22(2)

71-007897 Gunn, J. T. and Ingham, M. C. A NOTE ON: "VELOCITY AND TRANSPORT OF THE ANTILLES CURRENT NORTHEAST OF THE BAHAMA ISLANDS." *NOAA Fish. Bull.* 75(1):222-225. Jan. 1977. SFA 22(3)

71-007898 Gushima, K. and Murakami, Y. [SPECIES COMPOSITION OF THE REEF FISHES AT HONMURA BAY OF KUCHIERABU ISLAND.] *J. Fac. Fish. Anim. Husb. Hiroshima Univ.* 16 (1): 107-114. Aug. 1977. In Japanese with English summ. SFA 23(1)

71-007899 Haaker, P. L. TWO ASIATIC GOBIID FISHES, /TRIDENTIGER TRIGONOCEPHALUS/ AND /ACANTHOGOBIUS FLAVIMANUS/, IN SOUTHERN CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 78 (1): 56-61. Apr. 1979. SFA 24(4)

71-007900 Hadley, W. F. and K. Clulow. FIRST RECORD OF THE FALLFISH FROM THE LAKE ERIE DRAINAGE OF NEW YORK. *N.Y. Fish Game J.* 26(2):192-193. July 1979. SFA 25(2)

71-007901 Haedrich, R. L. A SEA LAMPREY FROM THE DEEP OCEAN. *Copeia* 1977 (4): 767-768. 25 Nov. 1977. SFA 23(1)

71-007902 Haedrich, R. L. and Krefft, G. DISTRIBUTION OF BOTTOM FISHES IN THE DENMARK STRAIT AND IRMINGER SEA. *Deep-Sea Res.* 25 (8): 705-720. Aug. 1978. SFA 24(1)

71-007903 Haedrich, R. L.; Rowe, G. T. and Polloni, P. T. ZONATION AND FAUNAL COMPOSITION OF EPIBENTHIC POPULATIONS ON THE CONTINENTAL SLOPE SOUTH OF NEW ENGLAND. *J. Mar. Res.* 33 (2): 191-212. May 1975. SFA 22(3)

71-007904 Halliwell, D. B. A LIST OF THE FRESHWATER FISHES OF MASSACHUSETTS. *Mass. Div. Fish. Wildl. Fauna Mass. Ser.* No. 4. 13p. 1979. SFA 25(2)

71-007905 Hargreaves, P. M. SOME OBSERVATIONS ON THE RELATIVE ABUNDANCE OF BIOLOGICAL SOUND SCATTERERS IN THE NORTH-EASTERN ATLANTIC OCEAN, WITH PARTICULAR REFERENCE TO APPARENT FISH SHOALS. *Mar. Biol.* 29 (1): 71-87. 21 Feb. 1975. SFA 22(2)

71-007906 Harp, G. L. and Matthews, W. J. FIRST ARKANSAS RECORDS OF /LAMPETRA/ SSP. (PETROMYZONTIDAE). *Southwest. Nat.* 20(3):414-416. 10 Oct. 1975. SFA 22(2)

71-007907 Harris, J. L. and N. L. Douglas. FISHES OF THE MOUNTAIN PROVINCE SECTION OF THE OUACHITA RIVER. *Proc. Ark. Acad. Sci.* 32:55-59. 1978. SFA 25(4)

71-007908 Hastings, P. A. FIRST NORTH AMERICAN CONTINENTAL RECORDS OF /GOBIONELLUS PSEUDOFASCIATUS/ (PISCES: GOBIIDAE). *Northeast Gulf Sci.* 2(2):140-144. Dec. 1978. SFA 24(3)

71-007909 Hastings, R. W. THE ORIGIN AND SEASONALITY OF THE FISH FAUNA ON A NEW JETTY IN THE NORTHEASTERN GULF OF MEXICO. *Bull. Fla. State Mus. Biol. Sci.* 24(1):1-124. 1979. SFA 25(2)

71-007910 Hatch, J. T. and Clark, B. F. /MORONE CHRYSOPS/ (RAFINESQUE): THE WHITE BASS IN LAKE SUPERIOR. *J. Minn. Acad. Sci.* 43 (2): 7. 1977. SFA 23(1)

71-007911 Hempel, G.; D. Sahrhage; W. Schreiber and R. Steinberg. ANTARKTIS-EXPEDITION 1977/78 DER BUNDESREPUBLIK DEUTSCHLAND. [ANTARCTIC EXPEDITION 1977/78 OF THE FEDERAL REPUBLIC OF GERMANY.] *Arch. Fischereiwiss.* 30(1):1-119. Oct. 1979. In German with English summ. SFA 25(2)

71-007912 Hendricks, M. L.; Gilbert, C. R.; Stauffer, J. R., Jr. and Hocutt, C. H. A PRELIMINARY CHECKLIST OF THE FISHES OF THE YOUGHIOGHENY RIVER. *Nat. Hist. Misc. (Chic.)* No. 203. 15p. 1 Feb. 1979. SFA 25(1)

71-007913 Hendrickson, D. UN ESTUDIO DEL ICTIOFAUNA DEL RIO YAQUI. [A SURVEY OF THE RIO YAQUI ICHTHYOFAUNA.] *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:36. 30 Jan. 1980. In English and Spanish. Abstract only. SFA 25(3)

71-007914 Hergenrader, G. L. CURRENT DISTRIBUTION AND POTENTIAL FOR DISPERSAL OF WHITE PERCH (*MORONE AMERICANA*) IN NEBRASKA AND ADJACENT WATERS. *Am. Midl. Nat.* 103(2):404-406. Apr. 1980. SFA 25(3)

71-007915 Hess, T. B. and Winger, P. V. THE OCCURRENCE AND DISTRIBUTION OF LARVAL FISH IN THE CUMBERLAND RIVER. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:295-310. 1976[1978]. SFA 24(1)

71-007916 Hewitt, R. P. and P. Smith. SEASONAL DISTRIBUTIONS OF EPIPELAGIC FISH SCHOOLS AND FISH BIOMASS OVER PORTIONS OF THE CALIFORNIA CURRENT REGION. *Calif. Coop. Oceanic Fish. Invest.* 20:102-110. Oct. 1979. SFA 25(2)

71-007917 Hickey, C. R., Jr. and J. W. Lester. MARINE FISHES OF SOUTHERN ORIGIN IN NEW YORK WATERS AND THEIR CONTRIBUTION TO THE FISHERY. *N.Y. Fish Game J.* 27(1):99-102. Jan. 1980. SFA 25(3)

71-007918 Hickey, C. R., Jr. and Lester, T. E. FIRST RECORD OF THE GIZZARD SHAD FROM LONG ISLAND, NEW YORK. *N. Y. Fish Game J.* 23 (2): 188-189. July 1976. SFA 21(3).

71-007919 Hickey, C. R., Jr. and Loewen, B. A GREATER AMBERJACK FROM NEW YORK WATERS. *N. Y. Fish Game J.* 23 (2): 184-185. July 1976. SFA 21(3).

71-007920 Hickey, C. R., Jr.; Young, B. H. and Lester, J. W. TARPON FROM MONTAUK, NEW YORK. *N. Y. Fish Game J.* 23(2):186-187. July 1976. SFA 21(3).

71-007921 Hillis, D. M.; E. Milstead and S. L. Campbell. INLAND RECORDS OF *FUNDULUS GRANDIS* (CYPRINODONTIDAE) IN TEXAS. *Southwest. Nat.* 25(2):271-272. 15 May 1980. SFA 25(3)

71-007922 Hislop, J. R. G. PRELIMINARY OBSERVATION ON THE NEAR-SURFACE FISH FAUNA OF THE NORTHERN NORTH SEA IN LATE AUTUMN. *J. Fish Biol.* 15(6):697-704. Dec. 1979. SFA 25(2)

71-007923 Hocutt, C. H. DRAINAGE EVOLUTION AND FISH DISPERSAL IN THE CENTRAL APPALACHIANS: SUMMARY. *Bull. Geol. Soc. Am.* 90 (1): 129-130. Feb. 1979. SFA 24(3)

71-007924 Hocutt, C. H.; Denoncourt, R. F. and Stauffer, J. R., Jr. FISHES OF THE GREENBRIER RIVER, WEST VIRGINIA, WITH DRAINAGE HISTORY OF THE CENTRAL APPALACHIANS. *J. Biogeogr.* 5 (1): 59-80. Mar. 1978. SFA 23(4)

71-007925 Hocutt, C. H.; Denoncourt, R. F. and Stauffer, J. R., Jr. FISHES OF THE GAULEY RIVER, WEST VIRGINIA. *Brimleyana* no. 1. p. 47-80. Mar. 1979. SFA 24(3)

71-007926 Hoff, J. G. A FIRST RECORD OF /GOBIONELLUS BOLEOSOMA/ (JORDAN AND GILBERT) FOR NEW ENGLAND. *Chesapeake Sci.* 17 (1): 65. Mar. 1976. SFA 21(2).

71-007927 Hogg, R. G. ECOLOGY OF FISHES OF THE FAMILY CICHLIDAE INTRODUCED INTO THE FRESH WATERS OF DADE COUNTY, FLORIDA. *Ph. D. dissertation, Univ. Miami* 155p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-007928 Hoke, R. A.; Norrocky, M. J. and Prater, B. L. FISH SURVEY IN THE LOWER PORTAGE RIVER, OHIO, 1975. *Ohio J. Sci.* 79 (2): 95-96. Mar. 1979. SFA 24(3)

71-007929 Holcik, J. ZOZNAM BEZCELUSTNYCH A RYB SLOVENSKA. [LIST OF LAMPREYS AND FISHES OF SLOVAKIA.] *Biologia (Bratisl.)* 31 (8): 641-647. 1976. In Czech with English summ. SFA 21(4)

71-007930 Holden, P. B. and Stalnaker, C. B. DISTRIBUTION OF FISHES IN THE DOLORES AND YAMPA RIVER SYSTEMS OF THE UPPER COLORADO BASIN. *Southwest. Nat.* 19(4):403-412. 20 Jan. 1975. SFA 22(2)

71-007931 Holton, G. THE RIDDLE OF EXISTENCE: FISHES OF "SPECIAL CONCERN". *Mont. Outdoors* 11(1):2-6, 26. Jan.-Feb. 1980. SFA 25(2)

71-007932 Horn, M. H. and Allen, L. G. A DISTRIBUTIONAL ANALYSIS OF CALIFORNIA COASTAL MARINE FISHES. *J. Biogeogr.* 5 (1): 23-42. Mar. 1978. SFA 23(4)

71-007933 Horn, M. H. and Allen, L. G. NUMBERS OF SPECIES AND FAUNAL RESEMBLANCE OF MARINE FISHES IN CALIFORNIA BAYS AND ESTUARIES. *Bull. South. Calif. Acad. Sci.* 75(2):159-170. Aug. 1976. SFA 22(2)

71-007934 Horwitz, R. J. TEMPORAL VARIABILITY PATTERNS AND THE DISTRIBUTIONAL PATTERNS OF STREAM FISHES. *Ecol. Monogr.* 48(3):307-321. 1978. SFA 24(2)

71-007935 Horwitz, R. J. THE DISTRIBUTION OF FISHES IN STREAMS. *Ph.D. dissertation, Univ. Chicago* 1976. From Diss. Abstr. Int. B Sci. Eng. 38(2):488. Aug. 1977. SFA 24(1)

71-007936 Houde, E. D. and Chitty, N. SEASONAL ABUNDANCE AND DISTRIBUTION OF ZOOPLANKTON, FISH EGGS, AND FISH LARVAE IN THE EASTERN GULF OF MEXICO, 1972-74. *NOAA Tech. Rep. NMFS SSRF* 701. iii + 18p. Aug. 1976. SFA 21(3)

71-007937 Howe, K. M.; D. L. Stein and C. E. Bond. FIRST RECORDS OFF OREGON OF THE PELAGIC FISHES *PARALEPIS ATLANTICA, GONOSTOMA ATLANTICUM*, AND *APHANOPUS CARBO*, WITH NOTES ON THE ANATOMY OF *APHANOPUS CARBO*. *NOAA Fish. Bull.* 77(3):700-703. July 1979. SFA 25(2)

71-007938 Hubbs, C. L.; Follett, W. I. and Dempster, L. J. LIST OF THE FISHES OF CALIFORNIA. *Calif. Acad. Sci. Occas. Pap.* No. 133. 51p. 12 June 1979. SFA 24(4)

71-007939 Hubbs, C.; Lucier, T.; Garrett, G. P.; Edwards, R. J.; Dean, S. M.; Marsh, E. and Belk, D. SURVIVAL AND ABUNDANCE OF INTRODUCED FISHES NEAR SAN ANTONIO, TEXAS. *Tex. J. Sci.* 30 (4): 369-376. Dec. 1978. SFA 24(2)

71-007940 Huntsman, G. R.; Dixon, R. L.; Grimes, C. B.; Manooch, C. S. III and Parker, R. O., Jr. DISTRIBUTION OF REEF FISHES ON THE OUTER CONTINENTAL SHELF OF THE CAROLINAS. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-007941 Hyle, R. A. II. FISHES OF THE NEWPORT RIVER ESTUARY, NORTH CAROLINA, THEIR COMPOSITION, SEASONALITY AND COMMUNITY STRUCTURE, 1970-72. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 205p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(2):459. Aug. 1977. SFA 24(1)

71-007942 Icanberry, J. W.; Warrick, J. W. and Rice, D. W., Jr. SEASONAL LARVAL FISH ABUNDANCE IN WATERS OFF DIABLO CANYON, CALIFORNIA. *Trans. Am. Fish. Soc.* 107 (2): 225-233. Mar. 1978. SFA 23(3)

71-007943 Ingham, M. C.; Cook, S. K. and Hausknecht, K. A. OXYCLINE CHARACTERISTICS AND SKIPJACK TUNA DISTRIBUTION IN THE SOUTHEASTERN TROPICAL ATLANTIC. *NOAA Fish. Bull.* 75(4):857-865. Oct. 1977. SFA 23(2)

71-007944 Ivankov, V. N. and A. Ye. Samylov. FISH SPECIES NEW TO THE WATERS OF THE USSR AND THE PENETRATION OF WARMWATER FISHES INTO THE NORTHWESTERN SEA OF JAPAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):147-148. 1979. SFA 25(4)

71-007945 Jackson, L. F. ASPECTS OF THE INTERTIDAL ECOLOGY OF THE EAST COAST OF SOUTH AFRICA. *S. Afr. Assoc. Mar. Biol. Res. Invest. Rep.* No. 46. 72p. 1976. SFA 22(3)

71-007946 James, B.; Williams, D. and Sliger, W. A. THE FISHES OF INDIAN CREEK, OBION COUNTY, TENNESSEE. *J. Tenn. Acad. Sci.* 53 (2): 75. Apr. 1978. Abstract only. SFA 23(3)

71-007947 James, G. D. and G. Habib. FIRST RECORD OF AUSTRALIAN BONITO, *SARDO AUSTRALIS*, FROM NEW ZEALAND. *N.Z. Mar. Freshwater Res.* 13(3):425-426. 1979. SFA 25(2)

71-007948 Jandebeur, T. S. FISH SPECIES DIVERSITY, OCCURRENCE AND ABUNDANCE IN THE NORTH RIVER DRAINAGE SYSTEM OF ALABAMA. *Ph. D. dissertation, Univ. Ala.* 196p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-007949 Jankovic, D. EFFECTS OF ANTHROPOGENIC FACTORS ON THE ZONAL DISTRIBUTION OF FISHES IN THE DANUBE RIVER SYSTEM IN SERBIA (YUGOSLAVIA). *Int. Ver. Theor. Angew. Limnol. Verh.* 20(4):2150-2153. 1978. SFA 24(4)

71-007950 Jayaprakash, A. A. A RECORD OF /NIBEA CHUI/ TREWAVAS FROM INDIA. *Indian J. Fish.* 22 (1,2): 259-261. 1975. SFA 23(3)

71-007951 Jeffers, C. D. and E. J. Bacon. A DISTRIBUTIONAL SURVEY OF THE FISHES OF TEN MILE CREEK IN SOUTHEASTERN ARKANSAS. *Arkansas Acad. Sci. Proc.* 33:46-48. 1979. SFA 25(3)

71-007952 Jenkins, R. E. and Burkhead, N. M. RECENT CAPTURE AND ANALYSIS OF THE SHARPHEAD DARTER, /ETHEOSTOMA ACUTICEPS/, AND ENDANGERED PERCID FISH OF THE UPPER TENNESSEE RIVER DRAINAGE. *Copeia* 1975(4):731-740. 31 Dec. 1975. SFA 21(1).

71-007953 Jenkins, R. E.; Revelle, L. A. and Zorach, T. RECORDS OF THE BLACKBANDED SUNFISH, /ENNEACANTHUS CHAETODON/, AND COMMENTS ON THE SOUTHEASTERN VIRGINIA FRESHWATER ICHTHYOFAUNA. *Va. J. Sci.* 26 (3): 128-134. 1975. SFA 21(3).

71-007954 Jerome, W. C., Jr.; A. P. Chesmore and C. O. Anderson, Jr. A STUDY OF THE MARINE RESOURCES OF BEVERLY-SALEM HARBOR. *Mass. Dep. Nat. Resour. Div. Mar. Fish. Monogr. Ser.* No. 4. iii + 74p. Mar. 1967. SFA 25(2)

71-007955 Johnson, B. M. and Beadles, J. K. FISHES OF THE ELEVEN POINT RIVER WITHIN ARKANSAS. *Proc. Ark. Acad. Sci.* 31: 58-61. 1977. SFA 23(3)

71-007956 Johnson, W. S.; Mace, J. T. and Turner, A. S. FISHERIES SURVEY OF LAKE CHRISTABEL, WEST COAST ACCLIMATISATION DISTRICT, SOUTH ISLAND. *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 144. 28p. 1976. SFA 21(1).

71-007957 Jones, D. H. and John, A. W. G. A THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. FROM THE NORTH ATLANTIC. *J. Fish Biol.* 13 (2): 231-236. Aug. 1978. SFA 24(1)

71-007958 Jones, G. S. and Schlueter, R. A. SOME FISHES FROM SULLIVAN COUNTY, INDIANA. *Indiana Audubon Q.* 56(1):12-14. Feb. 1978. SFA 23(3)

71-007959 Joseph, T. W. AN INDEXED ANNOTATED BIBLIOGRAPHY OF THE RARE FISHES OF THE UPPER MISSOURI RIVER SYSTEM. *U.S. Fish Wildl. Serv.* FWS/OBS-78/13. 288p. Oct. 1977. SFA 24(3)

71-007960 Joseph, T. W.; Sinning, J. A.; Behnke, R. J. and Holden, P. B. AN EVALUATION OF THE STATUS, LIFE HISTORY, AND HABITAT REQUIREMENTS OF ENDANGERED AND THREATENED FISHES OF THE UPPER COLORADO RIVER SYSTEM. *U.S. Fish Wildl. Serv.* FWS/OBS-77/62. x + 184p. Sept. 1977. SFA 24(1)

71-007961 Jubb, R. A. NOTES ON EXOTIC FISHES INTRODUCED INTO SOUTH AFRICAN WATERS. II. LIVE-BEARING TOOTHED CARPS. *Piscator* No. 98: 132-134. 1976/1977. SFA 22(3)

71-007962 Jubb, R. A. SHARP-TOOTH CATFISH, /CLARIAS GARIEPINUS/, IN THE GREAT FISH RIVER, EASTERN CAPE. *Piscator* No. 102. p. 24-27. 1978. SFA 24(1)

71-007963 Jyrkkanen, J. and Wright, D. G. FIRST RECORD OF THE NORTHERN BROOK LAMPREY, /ICHTHYOMYZON FOSSOR/, IN THE NELSON RIVER DRAINAGE, MANITOBA. *Can. Field-Nat.* 93 (2): 199-200. Apr.-June 1979. SFA 24(3)

71-007964 Kaikini, A. S. REGIONAL AND SEASONAL ABUNDANCE OF THE WHITE FISH /LACTARIUS LACTARIUS/ (SCHNEIDER) IN THE TRAWLING GROUNDS OFF BOMBAY-SAURASHTRA COASTS 1957-'63. *Indian J. Fish.* 21 (1): 89-108. 1974. SFA 23(2)

71-007965 Kailola, P. J. THE RARE MORAY EEL /GYMNOTHORAX PIKEI/ BLISS RECORDED FROM PAPUA NEW GUINEA. *Pac. Sci.* 29 (2): 165-170. Apr. 1975. SFA 22(3)

71-007966 Kalinina, E. M. and Podosinnikov, A. Yu. QUALITATIVE COMPOSITION AND SEASONAL CHANGES IN THE CANARY CURRENT ICHTHYOPLANKTON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):495-500. 1978. SFA 25(1)

71-007967 Kami, H. T. CHECK-LIST OF GUAM FISHES, SUPPLEMENT II. *Micronesica* 11(1):115-121. 1975. SFA 21(1).

71-007968 Kapp, H. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. LV. CHAETOGNATHA FROM THE PATAGONIAN SHELF IN FEBRUARY 1971. *Arch. Fischereiwiss.* 30(2-3):125-135. Mar. 1980. In English with German summ. SFA 25(3)

71-007969 Karasev, G. L. THE DISCOVERY OF SILVER CARP, *HYPOPHTHALMICHTHYS MOLITRIX*, IN THE ARGUN RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):852-854. 1978. SFA 25(2)

71-007970 Kashkin, N. I. FINDS OF /PHOTOSTYLUS PYCNOPTERUS/ (PISCES: ALEPOCEPHALIDAE) IN THE NORTHEASTERN ATLANTIC, THE GULF OF MEXICO AND THE CARIBBEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 817-820. 1975. SFA 22(1)

71-007971 Kazancheyev, Ye. N. SPECIAL FEATURES OF THE SPRING DISTRIBUTION OF COMMERCIAL FISHES IN THE NORTHERN CASPIAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 574-582. 1976. SFA 23(1)

71-007972 Keirans, W. J., Jr. AN IMMUNOCHEMICALLY ASSISTED ICHTHYOPLANKTON SURVEY WITH ELABORATION ON SPECIES SPECIFIC ANTIGENS OF FISH EGG VITELLINS; SOUTHERN NEW JERSEY BARRIER ISLAND-LAGOON COMPLEX. *Ph.D. dissertation, Lehigh Univ.* 169p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1515. Oct. 1977. SFA 23(3)

71-007973 Kelly, G. A.; J. S. Griffith and R. D. Jones. CHANGES IN DISTRIBUTION OF TROUT IN GREAT SMOKY MOUNTAINS NATIONAL PARK, 1900-1977. *U.S. Fish Wildl. Serv. Tech. Pap.* 102. 10p. 1980. SFA 25(4)

71-007974 Kelso, D. P. and Bright, C. F. PRELIMINARY STUDIES ON THE DISTRIBUTION OF THE ICHTHYOFAUNA OF FAIRFAX COUNTY, VIRGINIA. *Va. J. Sci.* 27 (2): 46. 1976. Abstract only. SFA 21(4)

71-007975 Kendall, A. W., Jr. and Walford, L. A. SOURCES AND DISTRIBUTION OF BLUEFISH, /POMATOMUS SALTATRIX/, LARVAE AND JUVENILES OFF THE EAST COAST OF THE UNITED STATES. *NOAA Fish. Bull.* 77 (1): 213-227. Jan. 1979. SFA 24(3)

71-007976 Kensley, B. F. and Penrith, M. J. BIOLOGICAL SURVEY OF SANDVIS 1, INTRODUCTION AND FAUNAL LIST. *Madoqua* 10 (3): 181-190. 1977. SFA 23(3)

71-007977 Khan, M. Z. ON THE SUNFISH, /MOLA MOLA/ (L) A NEW RECORD FROM INDIAN WATERS. *Indian J. Fish.* 22 (1,2): 295-296. 1975. SFA 23(3)

71-007978 Kiss, R. LES POISSONS ET LA PECHE DANS LE LAC /IHEMA/ (/RWANDA/, BASSIN MOYEN DE L'AKAGERA). [FISHES AND FISHING IN THE IHEMA LAKE (RWANDA, MIDDLE BASIN OF AKAGERA).] *Ann. Hydrobiol.* 8 (2): 263-318. 1977. In French with English summ. SFA 23(1)

71-007979 Klausewitz, W. ZOOGEOGRAPHY OF THE LITTORAL FISHES OF THE INDIAN OCEAN, BASED ON THE DISTRIBUTION OF THE CHAETODONTIDAE AND POMACANTHIDAE. *Senckenb. Biol.* 59 (1/2): 25-39. 1978. In English with German summ. SFA 23(4)

71-007980 Knaggs, E. H. STATUS OF THE GENUS /TILAPIA/ IN CALIFORNIA'S ESTUARINE AND MARINE WATERS. *Cal-Neva Wildl. Trans.* 1977:60-67. 1977. SFA 23(3)

71-007981 Knezevic, B.; Kazic, D.; Nedic, D.; Kavaric, M. and Ivanovic, B. UNIQUE CHARACTERISTICS OF ICHTHYOFAUNA AND ICHTHYOPARASITES OF SKADAR LAKE. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2166-2171. 1978. SFA 24(4)

71-007982 Knox, R. F. COLORADO'S NONGAME FISHES. TIME FOR REVIEW. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:95-96. 1980. SFA 25(4)

71-007983 Kohler, A. C.; Faber, D. J. and McFarlane, N. J. EGGS, LARVAE AND JUVENILES OF FISHES FROM PLANKTON COLLECTIONS IN THE GULF OF ST. LAWRENCE DURING 1972 TO 1975. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 747. v + 180p. Oct. 1977. In English with French summ. SFA 23(2)

71-007984 Kojima, H. and T. Hikita. [FIRST OCCURRENCE OF ABURAHAYA, *PHOXINUS LAGOWSKI F. STEINDACHNERI*, IN HOKKAIDO.] *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 57-61. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-007985 Kok, H. M. and Walley, G. C. B. NATAL RECORDS OF THE SPOTTED KILLIFISH /NOTHOBRANCHIUS ORTHONOTUS/ (PETERS, 1844). *Lammergeyer* 24:42-43. Mar. 1978. SFA 23(4)

71-007986 Konchina, Yu. V. THE SYSTEMATICS AND DISTRIBUTION OF THE GRUNT FAMILY (POMADASYIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (6): 883-900. 1976. SFA 23(3)

71-007987 Konstantinov, K. G. and G. P. Nizovtsev. THE BASKING SHARK, *CETORHINUS MAXIMUS*, IN KANDALAKSHA BAY OF THE WHITE SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):155-156. 1979. SFA 25(3)

71-007988 Kortmulder, K.; Feldbrugge, E. J. and de Silva, S. S. A COMBINED FIELD STUDY OF /BARBUS (=PUNTIUS) NIGROFASCIATUS/ GUNTHER (PISCES, CYPRINIDAE) AND WATER CHEMISTRY OF ITS HABITAT IN SRI LANKA. *Neth. J. Zool.* 28(1):111-131. Mar. 1978. SFA 24(1)

71-007989 Koryakov, Ye. A. and Sidelev, G. N. THE SCULPINS (COTTIDAE) OF LAKE AGATA ON THE PUTORAN PLATEAU. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 498-501. 1976. SFA 22(4)

71-007990 Kott, E. A REPORT OF THE BLUEBACK HERRING (/ALOSA AESTIVALIS/) FROM PRINCE EDWARD ISLAND. *Nat. Can. (Que.)* 105 (4): 295-296. July-Aug. 1978. In English with French summ. SFA 24(2)

71-007991 Kott, E.; Jenkins, R. E. and Humphreys, G. RECENT COLLECTIONS OF THE BLACK REDHORSE, /MOXOSTOMA DUQUESNEI/, FROM ONTARIO. *Can. Field-Nat.* 93 (1): 63-66. Jan.-Mar. 1979. SFA 24(2)

71-007992 Kowarsky, J. CLARIFICATION OF THE NAME AND DISTRIBUTION OF THE PLOTOSID CATFISH /CNIDOGLANIS MACROCEPHALUS/. *Copeia* 1976(3):593-594. Aug. 1976. SFA 21(3).

71-007993 Krefft, G. ERGEBNISSE DER FORSCHUNGSREISEN DES FFS "WALTHER HERWIG" NACH SUEDAMERIKA. XLI. FISCHE DER NORDNUNG BERYCIFORMES AUS DEM SUEDWESTATLANTIK. [RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA XLI. FISHES OF THE ORDER BERYCIFORMES FROM THE WESTERN SOUTH ATLANTIC.] *Arch. Fischereiwiss.* 26(2/3):65-86. Feb. 1976. In German with English summ. SFA 21(4)

71-007994 Krishnamoorthi, B. AN ASSESSMENT OF THE DEMERSAL FISHERY RESOURCES OFF THE ANDHRA-ORISSA COAST BASED ON EXPLORATORY TRAWLING. *Indian J. Fish.* 21(2):557-565. 1974. SFA 23(2)

71-007995 Kristensen, J. LARGE FLATHEAD CHUB (*PLATYGOBIO GRACILIS*) FROM THE PEACE-ATHABASCA DELTA, ALBERTA, INCLUDING A CANADIAN RECORD. *Can. Field-Nat.* 94(3):342. July-Sept. 1980. SFA 25(4)

71-007996 Kristensen, J. and M. G. Foy. FIRST RECORD OF THE ROUND WHITEFISH IN ALBERTA. *Can. Field-Nat.* 94(2):180-182. Apr.-June 1980. SFA 25(3)

71-007997 Krupitskiy, Yu. G. and Ustyugov, A. F. THE PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, IN THE RIVERS OF THE NORTH OF KRASNOYARSK TERRITORY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 320-322. 1977. SFA 23(3)

71-007998 Kukowski, G. E. A CHECKLIST OF THE FISHES OF THE MONTEREY BAY AREA INCLUDING ELKHORN SLOUGH, THE SAN LORENZO, PAJARO AND SALINAS RIVERS. *Moss Landing Mar. Lab. Tech. Publ.* 72-2. 72. June 1972. SFA 24(3)

71-007999 Kukowski, G. E. RESULTS OF THE SEA GRANT FISHES SAMPLING PROGRAM FOR THE 1971-1972 SEASON. *Moss Landing Mar. Lab. Tech. Publ.* 73-6. 48p. May 1973. SFA 24(3)

71-008000 Kullander, S. O. SPECIES OF /APISTOGRAMMA/ (TELEOSTEI, CICHLIDAE) FROM THE ORINOCO DRAINAGE BASIN, SOUTH AMERICA, WITH DESCRIPTIONS OF FOUR NEW SPECIES. *Zool. Scr.* 8 (1): 69-79. 1979. SFA 24(4)

71-008001 Lane, E. D. and Hill, C. W., (eds.). THE MARINE RESOURCES OF ANAHEIM BAY. *Calif. Dep. Fish Game Fish Bull.* 165:195p. 1975. SFA 22(3)

71-008002 Lee, D. S.; Norden, A.; Gilbert, C. R. and Franz, R. A LIST OF THE FRESHWATER FISHES OF MARYLAND AND DELAWARE. *Chesapeake Sci.* 17 (3): 205-211. Sept. 1976. SFA 21(3).

71-008003 Legasto, R. M. and Del Mundo, C. M. ON THE HYDRO-BIOLOGICAL SURVEY OF SORSOGON BAY FOR THE PROPOSED FISH NURSERIES/RESERVATIONS. *Philipp. J. Fish.* 14(1):23-56. Jan.-June 1976. SFA 24(2)

71-008004 Legendre, P. and Beauvais, A. NICHES ET ASSOCIATIONS DE POISSONS DES LACS DE LA RADISSONIE QUEBECOISE. [NICHES AND ASSOCIATIONS OF FISH OF QUEBEC'S RADISSONIE.] *Nat. Can. (Que.)* 105(3):137-158. May-June 1978. In French with English summ. SFA 24(2)

71-008005 Lehner, C. E. A LATITUDINAL GRADIENT ANALYSIS OF ROCKY SHORE FISHES OF THE EASTERN PACIFIC. *Ph.D. dissertation, Univ. Ariz.* 329p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5128. May 1980. SFA 25(3)

71-008006 Lehtonen, P. B. COLORADO SNAPPER, /LUTJANUS COLORADO/, TAKEN NEAR MORRO BAY ADDS NEW FAMILY (LUTJANIDAE) TO CALIFORNIA'S MARINE FISH FAUNA. *Calif. Fish Game* 65 (2): 120-122. Apr. 1979. SFA 24(3)

71-008007 Leithiser, R. M. THE SEASONAL ABUNDANCE AND DISTRIBUTION OF LARVAL FISHES IN ANAHEIM BAY, CALIFORNIA. *M.A. thesis, Calif. State Univ. (Long Beach)* 144p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-008008 Lema, T. de. PRESENCA DE /EQUETUS LANCEOLATUS/ (L. 1758) NA COSTA MARINHA DO ESTADO DO RIO GRANDE DO SUL (TELEOSTEI: PERCIFORMES: SCIAENIDAE). [THE PRESENCE OF /EQUETUS LANCEOLATUS/ IN THE COASTAL MARINE WATERS OF RIO GRANDE DO SUL STATE, BRAZIL (TELEOSTEI: PERCIFORMES: SCIAENIDAE).] *Iheringia Ser. Zool.* No. 54. p. 17-19. 20 Jan. 1979. In Portuguese with English summ. SFA 24(4)

71-008009 Lenanton, R. C. J. ASPECTS OF THE ECOLOGY OF FISH AND COMMERCIAL CRUSTACEANS OF THE BLACKWOOD RIVER ESTUARY WESTERN AUSTRALIA. *Fish. Res. Bull. West. Aust.* No. 19. 72p. 1977. SFA 24(1)

71-008010 Lenanton, R. C. J. FISHES FROM THE HYPERSALINE WATERS OF THE STROMATOLITE ZONE OF SHARK BAY, WESTERN AUSTRALIA. *Copeia* 1977 (2): 387-390. 25 May 1977. SFA 22(3)

71-008011 Lie, U.; Bjorstad, D. and Oug, E. EGGS AND LARVAE OF FISH FROM LINDASPOLLENE. *Sarsia* 63 (3): 163-167. 20 Apr. 1978. SFA 23(4)

71-008012 Lindquist, D. G. ECUADORIAN RECORD FOR THE KYPHOSID FISH /SECTATOR OCYURUS/. *J. Elisha Mitchell Sci. Soc.* 94(1):30-31. 1978. SFA 25(1)

71-008013 Lindquist, D. G.; J. R. Shute and P. W. Shute. RECENT RECORD OF THE BANDED KILLIFISH, *FUNDULUS DIAPHANUS* (LESUEUR), IN SOUTHEASTERN NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 94(2):113. 1978. Abstract only. SFA 25(2)

71-008014 Lindquist, D. G. and C. A. Harris. SUMMER FISH POPULATIONS ON A NEARSHORE ROCK OUTCROP IN ONSLOW BAY, NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 94(2):112-113. 1978. SFA 25(2)

71-008015 Lindquist, D. G.; H. M. Anderson and T. H. Handsel. NEW RECORDS OF TROPICAL SHORE FISHES FOR NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 94(2):113-114. 1978. Abstract only. SFA 25(2)

71-008016 Lindquist, D. G.; Shute, J. R. and Shute, P. W. RECORD OF BLUEFIN KILLIFISH, /LUCANIA GOODEI/, IN NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 93 (1): 19-20. 1977. SFA 23(3)

71-008017 Lipton, D. W. and J. G. Travelstead. BEACH ZONE FISH COMMUNITY STRUCUTURE IN THE JAMES RIVER, VIRGINIA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:639-647. 1978[1979]. SFA 25(2)

71-008018 Lopes, P. do C. EGGS AND LARVAE OF /MAUROLICUS MUELLERI/ FROM (GONOSTOMATIDAE) AND OTHER FISH EGGS AND LARVAE FROM TWO FJORDS IN WESTERN NORWAY. *Sarsia* 64(3):199-210. 1979. SFA 25(1)

71-008019 Lubbock, R. and Randall, J. E. FISHES OF THE GENUS /LIOPROPOMA/ (TELEOSTEI: SERRANIDAE) IN THE RED SEA. *Zool. J. Linn. Soc.* 64 (3): 187-195. Nov. 1978. SFA 24(2)

71-008020 Lubbock, R. FISHES OF THE FAMILY PSEUDOCHROMIDAE (PERCIFORMES) IN THE NORTHWEST INDIAN OCEAN AND RED SEA. *J .Zool. (Lond.)* 176 (1): 115-157. May 1975. SFA 22(3)

71-008021 Luling, K. H. [SCIENTIFIC RESULTS OF THE PERU-EXPEDITION DR. K. H. LULING 1972 AND THE BRASILIAN-PERU-EXPEDITION 1974: ICHTHYOLOGISCHE UND GESAESSERKUNDLICHE BEOBACHTUNGEN UND UNTERSUCHUNGEN AN EINEM BIOTOP DES /HEMIGRAMMUS LUNATUS/, DES /H. OCELLIFER/, DER /CARNEGIELLA STRIGATA/ UND DER /C. MARTHAE/ (PISCES, CHARACIDAE-GASTEROPELECIDAE) BEI IQUITOS (OSTPERU). [SCIENTIFIC RESULTS OF THE PERU-EXPEDITION DR. K. H. LULING 1972 AND THE BRASILIAN-PERU-EXPEDITION 1974: ICHTHYOLOGICAL AND CHEMICAL OBSERVATIONS AND RESEARCHES OF THE BIOTOPE /HEMIGRAMMUS LUNATUS/, /H. OCELLIFER/, /CARNEGIELLA STRIGATA/ AND /C. MARTHAE/ (PISCES, CHARACIDAE-GASTEROPELECIDAE) NEAR IQUITOS (EASTERN PERU).] *Zool. Anz.* 201(1/2):119-128. 1978. In German with English summ. SFA 24(1)

71-008022 Luling, K. H. WISSENSCHAFTLICHE ERGEBNISSE DER BRASILIEN-PERU EXPEDITION DR. K. H. LULING 1974. WEITERE UNTERSUCHUNGEN AM RIO MAGE-RONCADOR UND SEINEN CHARAKTERISTICHEN FISCHEN VOR DER EINMUENDUNG IN DIE BUCHT VON RIO DE JANEIRO (SUEDOSTBRASILIEN). [SCIENTIFIC RESULTS OF THE BRASIL-PERU EXPEDITION DR. K. H. LULING 1974. FURTHER INVESTIGATIONS OF THE RIO RONCADOR AND ITS CHARACTERISTIC FISHES NEAR THE BAY OF RIO DE JANEIRO (SOUTHEASTERN BRAZIL.] *Zool. Anz.* 203(1/2):99-113. 1979. In German with English summ. SFA 25(1)

71-008023 MacCrimmon, H. R. and Gots, B. L. WORLD DISTRIBUTION OF ATLANTIC SALMON, /SALMO SALAR/. *J. Fish. Res. Board Can.* 36(4):422-457. Apr. 1979. In English with French summ. SFA 24(3)

71-008024 MacCrimmon, H. R. and Robbins, W. H. DISTRIBUTION OF THE BLACK BASSES IN NORTH AMERICA. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 56-66. 1975. SFA 21(3).

71-008025 Maitland, P. S. FRESHWATER FISH IN SCOTLAND IN THE 18TH, 19TH AND 20TH CENTURIES. *Biol. Conserv.* 12 (4): 265-278. Dec. 1977. SFA 23(2)

71-008026 Malick, R. W., Jr. THE MIMIC SHINER, /NOTROPIS VOLUCELLUS/ (COPE), IN THE SUSQUEHANNA RIVER DRAINAGE OF PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 52 (2): 199-200. 1978. SFA 24(4)

71-008027 Maret, T. R. and E. J. Peters. THE FISHES OF SALT CREEK BASIN, NEBRASKA. *Trans. Nebr. Acad. Sci.* 8:35-54. 1980. SFA 25(4)

71-008028 Margulies, D.; O. S. Burch and B. F. Clark. REDISCOVERY OF THE GILT DARTER (*PERCINA EVIDES*) IN THE WHITE RIVER, INDIANA. *Am. Midl. Nat.* 104(1):207-208. July 1980. SFA 25(4)

71-008029 Markle, D. F. and W. B. Scott. NEW AND RARE RECORDS OF CANADIAN FISHES AND THE INFLUENCE OF HYDROGRAPHY ON RESIDENT AND NONRESIDENT SCOTIAN SHELF ICHTHYOFAUNA. *Can. J. Fish. Aquatic Sci.* 37(1):49-65. Jan. 1980. In English with French summ. SFA 25(2)

71-008030 Marshall, C. L. THE DISTRIBUTION OF /NOTROPIS BAIRDI/ ALONG THE CIMARRON RIVER IN LOGAN COUNTY, OKLAHOMA. *Proc. Okla. Acad. Sci.* 58: 109. 1978. SFA 24(1)

71-008031 Martosudarmo, B.; Noor-Hamid, S. and Sabaruddin, S. OCCURRENCE OF MILKFISH, /CHANOS CHANOS/, SPAWNERS IN KARIMUN JAWA WATERS. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 2 (1-2): 169-176. Jan.-July 1976. SFA 24(4)

71-008032 Masnik, M. T. COMPOSITION, LONGITUDINAL DISTRIBUTION, AND ZOOGEOGRAPHY OF THE FISH FAUNA OF THE UPPER CLINCH SYSTEM IN TENNESSEE AND VIRGINIA. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 418p. 1975. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. SFA 21(1).

71-008033 Matarese, A. C. and D. L. Stein. ADDITIONAL RECORDS OF SCULPIN *PSYCHROLUTES PHRICTUS* IN THE EASTERN BERING SEA AND OFF OREGON. *NOAA Fish. Bull.* 78(1):169-171. 1980. SFA 25(4)

71-008034 Matsumoto, W. M. DISTRIBUTION, RELATIVE ABUNDANCE, AND MOVEMENT OF SKIPJACK TUNA, /KATSUWONUS PELAMIS/, IN THE PACIFIC OCEAN BASED ON JAPANESE TUNA LONGLINE CATCHES, 1964-67. *NOAA Tech. Rep. NMFS SSRF* 695. iii + 30p. Oct. 1975. SFA 24(2)

71-008035 Matsumoto, W. M. SECOND RECORD OF BLACK SKIPJACK, /EUTHYNNUS LINEATUS/, FROM THE HAWAIIAN ISLANDS. *NOAA Fish. Bull.* 74(1):207. Jan. 1976. SFA 21(1).

71-008036 Matthews, F. D.; Cincotta, D. A.; Hocutt, C. H. and Stauffer, J. R., Jr. CHECKLIST OF THE FISHES AND MACROINVERTEBRATES OF CONOCOCHEAGUE CREEK, PENNSYLVANIA AND MARYLAND. *Proc. Pa. Acad. Sci.* 52 (1): 60-66. 1978. SFA 24(2)

71-008037 Matthews, W. J. ADDITIONS TO THE FISH FAUNA OF PINEY CREEK, IZARD COUNTY, ARKANSAS. *Proc. Ark. Acad. Sci.* 32:92. 1978. SFA 25(4)

71-008038 Mattson, C. R. and Wing, B. L. ICHTHYOPLANKTON COMPOSITION AND PLANKTON VOLUMES FROM INLAND COASTAL WATERS OF SOUTHEASTERN ALASKA, APRIL-NOVEMBER 1972. *NOAA Tech. Rep. NMFS SSRF* 723. iii + 11p. Apr. 1978. SFA 23(3)

71-008039 Maughan, O. E. FISH POPULATIONS ABOVE AND BELOW POTHOLES RESERVOIR, CRAB CREEK, WASHINGTON. *J. Idaho Acad. Sci.* 14(2):39-41. Dec. 1978. SFA 24(3)

71-008040 Maughan, O. E. A SURVEY OF FISHES OF THE CLEARWATER RIVER. *Northwest Sci.* 50 (2): 76-86. May 1976. SFA 22(3)

71-008041 Maughan, O. E.; E. E. Edmundson; A. E. Farris and R. L. Wallace. A COMPARISON OF FISH SPECIES ABOVE AND BELOW PALOUSE FALLS, PALOUSE RIVER, WASHINGTON-IDAHO. *Northwest Sci.* 54(1):5-8. Feb. 1980. SFA 25(2)

71-008042 Maurer, D. and J. C. Tinsman. DEMERSAL FISH IN DELAWARE COASTAL WATERS. *J. Nat. Hist.* 14(1):65-77. Jan.-Feb. 1980. SFA 25(2)

71-008043 McAda, C. W. and R. S. Wydoski. THE RAZORBACK SUCKER, *XYRAUCHEN TEXANUS*, IN THE UPPER COLORADO RIVER BASIN, 1974-76. *U.S. Fish Wildl. Serv. Tech. Pap.* 99. 15p. 1980. SFA 25(3)

71-008044 McAda, C. W.; C. R. Berry, Jr. and C. E. Phillips. DISTRIBUTION OF FISHES IN THE SAN RAFAEL RIVER SYSTEM OF THE UPPER COLORADO RIVER BASIN. *Southwest. Nat.* 25(1):41-50. 30 Jan. 1980. SFA 25(2)

71-008045 McCaffrey, P. M. STUDIES ON THE COMPOSITION AND ORGANIZATION OF THE DEMERSAL ICHTHYOFAUNA OF THE CONTINENTAL SHELF ZONE IN THE NORTHEASTERN GULF OF MEXICO. *Ph.D. dissertation, Fla. State Univ.* 626p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4002.

71-008046 McCollum, J. L. and C. J. Quertermus. DISTRIBUTION OF FISHES IN THE DOG RIVER DRAINAGE. *Ga. J. Sci.* 38(1):55-63. Jan. 1980. SFA 25(3)

71-008047 McDonald, E. F., Jr. and Pflieger, W. L. THE SPRING CAVEFISH, /CHOLOGASTER AGASSIZI/ (PISCES: AMBLYOPPSIDAE), IN SOUTHEASTERN MISSOURI. *Am. Midl. Nat.* 102(1):194-196. July 1979. SFA 25(1)

71-008048 McDonough, T. A. and Barr, W. C. AN ANALYSIS OF FISH ASSOCIATIONS IN TENNESSEE AND CUMBERLAND DRAINAGE IMPOUNDMENTS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:555-563. 1977[1979]. SFA 24(4)

71-008049 McDowall, R. M.; Hopkins, C. L. and Flain, M. FISHES. *N.Z. Minist. Agric. Fish. Fish. Res. Publ.* No. 240. 15p. 1975. SFA 21(1).

71-008050 McDowell, R. M.; Robertson, D. A. and Saito, R. OCCURRENCE OF GALAXIID LARVAE AND JUVENILES IN THE SEA. *N. Z. J. Mar. Freshwater Res.* 9 (1): 1-9. Mar. 1975. SFA 21(3).

71-008051 McGregor Reid, G. and Sydenham, H. A CHECKLIST OF LOWER BENUE RIVER FISHES AND AN ICHTHYOGEOGRAPHICAL REVIEW OF THE BENUE RIVER (WEST AFRICA). *J. Nat. Hist.* 13 (1): 41-67. Jan.-Feb. 1979. SFA 24(2)

71-008052 McNatt, R. DISCOVERY AND LOSS OF A NEW LOCALITY FOR THE GILA TOPMINNOW, /POECILIOPSIS OCCIDENTALIS OCCIDENTALIS/ (POECILIIDAE). *Southwest. Nat.* 24(3):555-556. 15 Sept. 1979. SFA 25(1)

71-008053 McReynolds, H. E. A DISTRIBUTION STUDY OF THE BLACKTAIL SHINER (/NOTROPIS VENUSTUS/) IN THE CLEAR CREEK BASIN. *Proc. Indiana Acad. Sci.* 87: 432. 1977. Abstract only. SFA 24(2)

71-008054 McReynolds, H. E. and Janisch, J. L. RECENT FISH COLLECTIONS FROM BLUE RIVER, WASHINGTON COUNTY, INDIANA. *Proc. Indiana Acad. Sci.* 87: 238-241. 1977. SFA 24(2)

71-008055 Mearns, A. J. ABUNDANCE, COMPOSITION, AND RECRUITMENT OF NEARSHORE FISH ASSEMBLAGES ON THE SOUTHERN CALIFORNIA MAINLAND SHELF. *Calif. Coop. Oceanic Fish. Invest.* 20:111-119. Oct. 1979. SFA 25(2)

71-008056 Mearns, A. J. SOUTHERN CALIFORNIA'S INSHORE DEMERSAL FISHES: DIVERSITY, DISTRIBUTION, AND DISEASE AS RESPONSES TO ENVIRONMENTAL QUALITY. *Calif. Coop. Oceanic Fish. Invest. Rep.* 17:141-148. Oct. 1974. SFA 21(1).

71-008057 Medders, S. THE UNARMORED THREE-SPINED STICKLEBACK: PREY OF "PROGRESS." *Natl. Parks Conserv. Mag.* 50(9):14-16. Sept. 1976. SFA 22(1)

71-008058 Meinz, M. and Mecum, W. L. A RANGE EXTENSION FOR MISSISSIPPI SILVERSIDES IN CALIFORNIA. *Calif. Fish Game* 63 (4): 277-278. Oct. 1977. SFA 23(2)

71-008059 Meredyth-Young, J. L. and Pullan, S. G. FISHERIES SURVEY OF LAKE CHALICE, MARLBOROUGH ACCLIMATISATION DISTRICT, SOUTH ISLAND. *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 150. 21p. 1977. SFA 23(2)

71-008060 Merriner, J. V.; Kriete, W. H. and Grant, G. C. SEASONALITY, ABUNDANCE, AND DIVERSITY OF FISHES IN THE PIANKATANK RIVER, VIRGINIA (1970-1971). *Chesapeake Sci.* 17 (4): 238-245. Dec. 1976. SFA 22(1)

71-008061 Mettee, M. F. A STUDY ON THE DISTRIBUTON OF /ETHEOSTOMA OKALOOSAE/, THE OKALOOSA DARTER, AND /ETHEOSTOMA EDWINI/, THE BROWN DARTER, IN NORTHWEST FLORIDA. *J. Ala. Acad. Sci.* 48(3):65. July 1977. SFA 23(1)

71-008062 Mikhaylin, S. V. CHARACTERISTICS OF THE DISTRIBUTION OF SOME MEMBERS OF THE FAMILIES GEMPYLIDAE AND TRICHIURIDAE IN THE WATERS OF SOUTHWEST AFRICA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 319-323. 1976. SFA 22(3)

71-008063 Mikol, G. F. and Hadley, W. F. EVIDENCE OF A SUCCESSFUL REPRODUCTION OF COHO SALMON IN A NEW YORK TRIBUTARY OF LAKE ERIE. *N.Y. Fish Game J.* 26(1):97-98. Jan. 1979. SFA 25(1)

71-008064 Miller, L. G. NEW DISTRIBUTIONAL RECORDS FOR THE ROSYSIDE DACE IN KENTUCKY. *Trans. Ky. Acad. Sci. 39 (3-4): 142-144. Sept. 1978.* SFA 24(1)

71-008065 Miller, R. R. "NATIVE" TROUT OF THE RIO YAQUI. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:39. 30 Jan. 1980. Abstract only. SFA 25(3)

71-008066 Miller, R. R.; Soltz, D. L. and Sanchez, P. G. FISHES AND AQUATIC RESOURCES OF THE DEATH VALLEY SYSTEM, CALIFORNIA-NEVADA, 1878-1976. *U.S. Dep. Interior, Natl. Park Serv., West. Reg., San Francisco, Calif.* 27p. 1977. SFA 22(3)

71-008067 Mills, P. A., Jr.; Hocutt, C. H. and Stauffer, J. R., Jr. THE PRE-IMPOUNDMENT FISH FAUNA OF BIG RIVER (MERAMEC DRAINAGE, MISSOURI). *Trans. Mo. Acad. Sci.* 12: 25-35. 1978. SFA 24(4)

71-008068 Milstein, C. B.; Saffian, N. A.; Thomas, D. L.; Prendergast, P. A.; Garlo, E. V.; Hamer, D. P.; Swiecicki, F. A.; Tatham, T. R.; Swiecicki, D. P.; Brangenberg, W. C.; Burns, F. A.; Howells, R. G.; Danila, D. J.; Bieder, R. C. and Beckler, R. J. SUMMARY OF ECOLOGICAL STUDIES FOR 1972-1975 IN THE BAYS AND OTHER WATERWAYS NEAR LITTLE EGG INLET AND IN THE OCEAN IN THE VICINITY OF THE PROPOSED SITE FOR THE ATLANTIC GENERATING STATION, NEW JERSEY. *Ichthyol. Assoc. Inc. Bull.* No. 18. xxxiii + 757p. Dec. 1977. SFA 24(2)

71-008069 Milstein, C. B. and Thomas, D. L. FISHES NEW OR UNCOMMON TO THE NEW JERSEY COAST. *Chesapeake Sci.* 17 (3): 198-204. Sept. 1976. SFA 21(3).

71-008070 Mina, M. V. SOME OBSERVATIONS ON THE RANGE OF THE BALKHASH PERCH [/PERCA SCHRENKI/] AND ITS INTERRELATIONSHIPS WITH THE COMMON PERCH [/P. FLUVIATILIS/]. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):292-293. 1974. SFA 21(2).

71-008071 Minami, T. and Nakamura, I. SEASONAL OCCURRENCE OF PELAGIC STAGES OF FLATFISHES (PLEURONECTIFORMES) IN THE COASTAL WATERS OF WESTERN WAKASA BAY, THE JAPAN SEA. *Mem. Coll. Agric. Kyoto Univ.* No. 112. p. 29-47. Nov. 1978. SFA 24(3)

71-008072 Minckley, C. O. and S. W. Carothers. RECENT COLLECTIONS OF THE COLORADO RIVER SQUAWFISH AND RAZORBACK SUCKER FROM THE SAN JUAN AND COLORADO RIVERS IN NEW MEXICO AND ARIZONA. *Southwest. Nat.* 24(4):686-687. 10 Dec. 1979. SFA 25(2)

71-008073 Minckley, W. L.; D. A. Hendrickson and D. J. Siebert. ADDITIONAL RECORDS FOR THE PACIFIC GIZZARD SHAD, *DOROSOMA SMITHI* (CLUPEIDAE), FROM SONORA, MÉXICO. *Southwest. Nat.* 24(4):695-697. 10 Dec. 1979. SFA 25(2)

71-008074 Minter, K. W.; Green, R.; Pallo, S. and McGinness, T. FISH DISTRIBUTION IN NORTHWEST MISSOURI. *Trans. Mo. Acad. Sci.* 12: 167. 1978. Abstract only. SFA 24(4)

71-008075 Misitano, D. A. SPECIES COMPOSITION AND RELATIVE ABUNDANCE OF LARVAL AND POST-LARVAL FISHES IN THE COLUMBIA RIVER ESTUARY, 1973. *NOAA Fish. Bull.* 75 (1): 218-222. Jan. 1977. SFA 22(3)

71-008076 Mitchell, V. P., Jr.; Host, W. H., Jr. and Yokley, P., Jr. A RESURVEY OF THE ICHTHYOFAUNA OF CEDAR CREEK. *J. Ala. Acad. Sci.* 48 (3): 67. July 1977. SFA 23(1)

71-008077 Mizera, J. J.; C. L. Cooper and C. E. Herdendorf. NEARSHORE ICHTHYOPLANKTON DENSITIES IN THE WESTERN BASIN OF LAKE ERIE-1977. *Ohio J. Sci.* 80:14. 1980. Abstract only. SFA 25(2)

71-008078 Modde, T. C. CHARACTERIZATION OF THE ICHTHYOFAUNA OCCUPYING THE SURF ZONE OF A NORTHERN GULF COAST BARRIER ISLAND. *Ph.D. dissertation, Univ. South. Miss.* 183p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):1073. Sept. 1979. SFA 25(1)

71-008079 Moertly, R. J. TRAWL AND WING-NET STUDY OF FISH FAUNA OF CAMINADA BAY, LOUISIANA. *Proc. La. Acad. Sci.* 42:83. 1979. Abstract only. SFA 25(2)

71-008080 Molles, M. C., Jr. FISH SPECIES DIVERSITY ON MODEL AND NATURAL PATCH REEFS: EXPERIMENTAL INSULAR BIOGEOGRAPHY. *Ph. D. dissertation, Univ. Ariz.* 191p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-008081 Moore, C. J.; Hixson, J. H. and Burton, D. T. ABUNDANCE AND SEASONAL OCCURRENCE OF SHORE ZONE FISHES IN CENTRAL CHESAPEAKE BAY. *ASB (Assoc. Southeast. Biol.) Bull.* 24: 72. 1977. SFA 22(4)

71-008082 Moore, R. H.; Garrett, R. A. and Wingate, P. J. OCCURRENCE OF THE RED SHINER, /NOTROPIS LUTRENSIS/, IN NORTH CAROLINA: A PROBABLE AQUARIUM RELEASE. *Trans. Am. Fish. Soc.* 105 (2): 220-221. Mar. 1976. SFA 21(2).

71-008083 Morin, R.; J. Dodson and G. Power. ESTUARINE FISH COMMUNITIES OF THE EASTERN JAMES-HUDSON BAY COAST. *Environ. Biol. Fishes* 5(2):135-141. 22 Apr. 1980. SFA 25(3)

71-008084 Moulton, L. L. AN ECOLOGICAL ANALYSIS OF FISHES INHABITING THE ROCKY NEARSHORE REGIONS OF NORTHERN PUGET SOUND, WASHINGTON. *Ph.D. dissertation, Univ. Wash.* 194p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):534. Aug. 1978. SFA 24(3)

71-008085 Murty, A. V. S. and M. N. Vishnudatta. THE SEASONAL DISTRIBUTION OF SOME OCEANOGRAPHIC PARAMETERS OFF SOUTHWEST COAST OF INDIA RELEVANT TO PELAGIC FISHERIES. *Indian J. Fish.* 23(1/2):97-104. 1976. SFA 25(2)

71-008086 Mushacke, F. M. and Fallon, D. J. FIRST RECORD OF THE SERGEANT MAJOR FROM NEW YORK WATERS. *N.Y. Fish Game J.* 25 (1): 85-86. Jan. 1978. SFA 23(3)

71-008087 Muthu, M. S.; Narasimham, K. A.; Sudhakara Rao, G.; Appanna Sastry, Y. and Ramalingam, P. ON THE COMMERCIAL TRAWL FISHERIES OFF KAKINADA DURING 1967-70. *Indian J. Fish.* 22 (1,2): 171-186. 1975. SFA 23(3)

71-008088 Nair, R. V. and R. Soundararajan. ON THE OCCURRENCE OF THE STING RAY *DASYATIS (DASYATIS) MICROPS* (ANNANDALE) ON THE MADRAS COAST AND IN THE GULF OF MANNAR. *Indian J. Fish.* 23(1/2):273-277. 1976. SFA 25(2)

71-008089 Nakamura, I. and Nakano, S. DISPERSAL OF THE SHORTBILL SPEARFISH, /TETRAPTURUS ANGUSTIROSTRIS/, TO THE ATLANTIC OCEAN. *Copeia* 1978(2):330-333. 5 May 1978. SFA 23(3)

71-008090 Nakanishi, T. COMPARISON OF ECOLOGICAL GEOGRAPHICAL DISTRIBUTIONS AMONG THE THREE TYPES OF /CHAENOGOBIUS ANNULARIS/ GILL. *Bull. Fac. Fish. Hokkaido Univ.* 29(3):233-242. Sept. 1978. In Japanese with English summ. SFA 24(3)

71-008091 Nakaya, K. and Bass, A. J. THE FRILL SHARK /CHLAMYDOSELACHUS ANGUINEUS/ IN NEW ZEALAND SEAS. *N.Z. J. Mar. Freshwater Res.* 12(4):397-398. Dec. 1978. SFA 24(4)

71-008092 Nelson, J. S. RECORDS OF A NEW FORM OF THE MARINE COTTID FISH /ANTIPODOCOTTUS GALATHEAE/ FROM THE EAST COAST OF NEW ZEALAND. *Natl. Mus. N.Z. Records* 1 (4):80-86. 22 Dec. 1975. SFA 23(3)

71-008093 Nizovtsev, G. P.; Ponomarenko, V. P. and Shevelev, M. S. DEEPSEA FISHES OF THE NORWEGIAN SEA. *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1013-1014. 1976. SFA 23(3)

71-008094 Nizovtsev, G. P. A GREENLAND HALIBUT [/REINHARDTIUS HIPPOGLOSSOIDES/] TAGGED IN EASTERN ICELANDIC WATERS AND CAUGHT IN THE BARENTS SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):286. 1974. SFA 21(2).

71-008095 Noor-Hamid, S.; B. Martosudarmo and M. Mardjono. REPORT ON THE STATUS AND OCCURRENCE OF MILKFISH FRY IN INDONESIA. *Bull. Brackishwater Aquacult. Dev. Cent. (Jepara)* 3(1-2):237-246. Jan.-July 1977. SFA 25(2)

71-008096 Novacek, M. J. and Marshall, L. G. EARLY BIOGEOGRAPHIC HISTORY OF OSTARIOPHYSAN FISHES. *Copeia* 1976(1):1-12. 12 Mar. 1976. SFA 21(1).

71-008097 Numann, W. BESTIMMUNGSSCHLUESSEL FUER BODENSEEFISCHE. [KEY TO THE FISH OF THE LAKE OF CONSTANCE.] *Swiss J. Hydrol.* 38 (2): 239-245. 31 Dec. 1976. In German with English summ. SFA 22(3)

71-008098 Okera, W. FISHES TAKEN BY THE BEACH SEINES FISHING AT LUMLEY, FREETOWN (SIERRA LEONE). *J. Fish Biol.* 12 (1): 81-88. Jan. 1978. SFA 23(2)

71-008099 Olney, J. E. and A. Naplin. EGGS OF THE SCALLOPED RIBBONFISH, *ZU CRISTATUS*, (PISCES: TRACHIPTERIDAE) IN THE WESTERN NORTH ATLATNIC. *Copeia* 1980(1):165-166. 1 Feb. 1980. SFA 25(2)

71-008100 Oommen, V. P. NEW RECORDS OF BATHYPELAGIC FISHES FROM THE ARABIAN SEA WITH DESCRIPTION OF A NEW SPECIES. *J. Bombay Nat. Hist. Soc.* 74 (2): 282-287. Aug. 1977. SFA 23(4)

71-008101 Ostroumov, A. G. THE KOKANEE, /ONCORHYNCHUS NERKA KENNERLYI/, IN THE VOROVSKAYA RIVER BASIN (WESTERN KAMCHATKA). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(5):794-796. 1978. SFA 24(1)

71-008102 Outten, L. M. FURTHER STREAM STUDIES IN WESTERN NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 94(2):114. 1978. Abstract only. SFA 25(2)

71-008103 Outten, L. M. STUDIES OF FISHES IN WESTERN NORTH CAROLINA. *J. Elisha Mitchell Sci. Soc.* 95(2):122-123. 1979. Abstract only. SFA 25(4)

71-008104 Oxley, D. J. and Humphreys, G. B. OCCURRENCE OF THE GREEN SUNFISH (/LEPOMIS CYANELLUS/) IN THE GRAND RIVER SYSTEM. *Can. Field-Nat.* 91 (4): 424-426. Oct.-Dec. 1977. SFA 23(3)

71-008105 Page, L. M. and Schemske, D. W. THE EFFECT OF INTERSPECIFIC COMPETITION ON THE DISTRIBUTION AND SIZE OF DARTERS OF THE SUBGENUS /CATONOTUS/ (PERCIDAE: /ETHEOSTOMA/). *Copeia* 1978(3):406-412. 10 Aug. 1978. SFA 23(4)

71-008106 Page, L. M.; Burr, B. M. and Smith, P. W. THE SPOTTAIL DARTER, /ETHEOSTOMA SQUAMICEPS/ (OSTEICHTHYES, PERCIDAE), IN INDIANA. *Am. Midl. Nat.* 95 (2): 478-479. Apr. 1976. SFA 21(2).

71-008107 Papaconstantinou, C.; Tsimenidis, N. and Daulas, Ch. A NEW RECORD OF A BATHYPELAGIC FISH /BELLOTTIA APODA/ GIGL., 1883, IN SARONIKOS GULF (GREECE) (PISCES, PERCIFORMES). *Thalassographica* 1 (2): 279-287. Dec. 1977. In English with Greek summ. SFA 24(2)

71-008108 Paragamian, V. L. INVENTORY AND RELATIVE ABUNDANCE OF CATOSTOMIDS IN THE MAQUOKETA RIVER. *Proc. Iowa Acad. Sci.* 87(1):11-12. Mar. 1980. Abstract only. SFA 25(2)

71-008109 Pashkova, T. Ye. THE OCCURRENCE OF SPAWNING CAPELIN [/MALLOTUS VILLOSUS VILLOSUS/] IN INDIGA BAY IN THE BARENTS SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):802-803. 1974. SFA 21(2).

71-008110 Paulin, C. D. and Moreland, J. M. HALOSAURIDAE OF THE SOUTH-WEST PACIFIC (PISCES: TELEOSTEI: NOTACANTHIFORMES). *N.Z. J. Zool.* 6(2):267-271. June 1979. SFA 25(1)

71-008111 Peden, A. E. and Wilson, D. E. DISTRIBUTION OF INTERTIDAL AND SUBTIDAL FISHES OF NORTHERN BRITISH COLUMBIA AND SOUTHEASTERN ALASKA. *Syesis* 9: 221-248. 1976. SFA 22(4)

71-008112 Peden, A. E. FIRST RECORDS OF THE NOTACANTH FISH, /NOTACANTHUS CHEMNITZI/ BLOCH, FROM THE NORTHEASTERN PACIFIC. *Calif. Fish Game* 62 (4): 304-305. Oct. 1976. SFA 21(4).

71-008113 Peden, A. E. FIRST RECORD OF ATKA MACKEREL, /PLEUROGRAMMUS MONOPTERYGIUS/ (HEXAGRAMMIDAE), IN BRITISH COLUMBIA. *Can. Field-Nat.* 91(2):175-176. Apr.-June 1977. SFA 22(4)

71-008114 Peden, A. E. OCCURRENCE OF THE EELPOUT, *BOTHROCARA PUSILLUM* (ZOARCIDAE), OFF BRITISH COLUMBIA. *Syesis* 12:183-184. 1979. SFA 25(3)

71-008115 Peden, A. E. RARE CAPTURES OF TWO FISHES, *BENTHODESMUS* AND *PARALEPIS*, OFF BRITISH COLUMBIA. *Syesis* 12:179-180. 1979. SFA 25(3)

71-008116 Pequeno R., G. THE NOMEID FISH /CUBICEPS CAPENSIS/ IN THE SOUTH PACIFIC OCEAN. *Copeia* 1976(4):805-807. 30 Dec. 1976. SFA 22(2)

71-008117 Permitin, Yu. Ye. SPECIES COMPOSITION AND ZOOGEOGRAPHICAL ANALYSIS OF THE BOTTOM FISH FAUNA OF THE SCOTIA SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 710-726. 1978. SFA 24(1)

71-008118 Perry, W. G. and B. J. Carter. SEASONAL OCCURRENCE OF FISHES COLLECTED FROM BEACH SEINING, SOUTHWEST LOUISIANA. *Proc. La. Acad. Sci.* 42:24-38. 1979. SFA 25(2)

71-008119 Perry, W. G. SEASONAL OCCURRENCE OF FISHES COLLECTED FROM BEACH SEINING, SOUTHWEST LOUISIANA. *Proc. La. Acad. Sci.* 42:83. 1979. Abstract only. SFA 25(2)

71-008120 Perschbacher, P. W.; Sulak, K. J. and Schwartz, F. J. INVASION OF THE ATLANTIC BY /PEPRILUS BURTI/ (PISCES: STROMATEIDAE) AND POSSIBLE IMPLICATIONS. *Copeia* 1979 (3): 538-541. 1 Aug. 1979. SFA 24(4)

71-008121 Peterka, J. J. FISHES AND FISHERIES OF THE SHEYENNE RIVER, NORTH DAKOTA. *Proc. N. D. Acad. Sci.* 32 (1): 42. Apr. 1978. Abstract only. SFA 23(4).

71-008122 Peterka, J. J. FISHES AND FISHERIES OF THE SHEYENNE RIVER, NORTH DAKOTA. *Proc. N.D. Acad. Sci.* 32 (2): 29-44. Dec. 1978. SFA 24(2)

71-008123 Peterman, L. G. and Haddix, M. H. PRELIMINARY FISHERY INVESTIGATIONS ON THE LOWER YELLOWSTONE RIVER. *Proc. Fort Union Coal Field Symp.* Vol. 2. 97-111. Apr. 1975. SFA 23(1)

71-008124 Peterson, C. H. and N. M. Peterson. THE ECOLOGY OF INTERTIDAL FLATS OF NORTH CAROLINA: A COMMUNITY PROFILE. *U.S. Fish Wildl. Serv.* FWS/OBS-79/39. vi + 73p. Nov. 1979. SFA 25(2)

71-008125 Pflieger, W. L. DISTRIBUTION AND STATUS OF THE GRASS CARP (/CTENOPHARYNGODON IDELLA/) IN MISSOURI STREAMS. *Trans. Am. Fish. Soc.* 107 (1): 113-118. Jan. 1978. SFA 23(3)

71-008126 Phillips, T. D. SEASONAL DISTRIBUTION AND RELATIVE ABUNDANCE OF ICHTHYOPLANKTON IN LOWER HILLSBOROUGH BAY, FLORIDA. *Fla. Sci.* 43(Suppl. 1):25. 1980. Abstract only. SFA 25(2)

71-008127 Pigg, J. A SURVEY OF THE FISHES OF THE MUDDY BOGGY RIVER IN SOUTH CENTRAL OKLAHOMA. *Proc. Okla. Acad. Sci.* 57: 68-82. 1977. SFA 23(3)

71-008128 Pigg, J. THE TILAPIA /SAROTHERODON AUREA/ (STEINDACHNER) IN THE NORTH CANADIAN RIVER IN CENTRAL OKLAHOMA. *Proc. Okla. Acad. Sci.* 58: 111-112. 1978. SFA 24(1)

71-008129 Pigg, J.; Barnett, M. and Scott, K. RECENT RECORDS OF THE YELLOW BASS, /MORONE MISSISSIPPIENSIS/ JORDAN AND EIGEMANN, IN OKLAHOMA. *Proc. Okla. Acad. Sci.* 59:123. 1979. SFA 25(1)

71-008130 Pinchuk, V. I. NEW DATA ON /RHINOGOBIUS PFLAUMI/ AND /RHINOGOBIUS SIMILIS SIMILIS/ IN THE MARITIME TERRITORY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):373-377. 1974. SFA 21(2).

71-008131 Post, A. and A. Svoboda. STRANDFUNDE MESOPELAGISCHER FISCHE AUS DEM GOLF VON AKABA. [ASHORE RECORDS OF MESOPELAGIC FISHES FROM THE GULF OF AQABA.] *Arch. Fischereiwiss.* 30(2-3):137-143. Mar. 1980. In German with English summ. SFA 25(3)

71-008132 Post, A. ERGEBNISSE DER FORSCHUNGSREISEN DES FFS "WALTHER HERWIG" NACH SUEDAMERIKA. XLII. /DIRETMUS/ JOHNSON, 1863 (BERYCIFORMES, BERYCOIDEI, DIRETMIDAE). 2. MORPHOLOGIE, NTWICKLUNG, VERBREITUNG. [RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HEWIG" TO SOUTH AMERICA. XLII. /DIRETMUS/ JOHNSON, 1863 (BERYCIFORMES, BERYCOIDEI, DIRETMIDAE) 2. MORPHOLOGY, ONTOGENY, DISTRIBUTION.] *Arch. Fischereiwiss.* 26(2/3):87-114. Feb. 1976. In German with English summ. SFA 21(4)

71-008133 Post, A. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. LIV. NEW RECORDS OF EXTREMELY RARE PARALEPIDIDS FROM THE SOUTH ATLANTIC (OSTEICHTHYES, MYCTOPHIFORMES, ALEPISAUROIDEI). *Arch. Fischereiwiss.* 30(2-3):121-124. Mar. 1980. In English with German summ. SFA 25(3)

71-008134 Potter, W. A.; K. L. Dickson and L. A. Nielsen. LARVAL SPORT FISH DRIFT IN THE NEW RIVER. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:672-679. 1978[1979]. SFA 25(2)

71-008135 Potter, W. A.; Malick, R. W., Jr. and Polk, J. L. THE COMPOSITION AND DISTRIBUTION OF FISHES OF THE SWATARA CREEK DRAINAGE, PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 50 (2): 136-140. 1976. SFA 22(3)

71-008136 Powell, A. B. and Schwartz, F. J. DISTRIBUTION OF PARALICHTHID FLOUNDERS (BOTHIDAE: /PARALICHTHYS/) IN NORTH CAROLINA ESTUARIES. *Chesapeake Sci.* 18(4):334-339. Dec. 1977. SFA 23(2)

71-008137 Powles, H. W. ABUNDANCE, SEASONALITY, DISTRIBUTION, AND ASPECTS OF THE ECOLOGY OF SOME LARVAL FISHES OFF BARBADOS. *Ph.D. dissertation, McGill Univ.* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-008138 Prabhakaran Nair, K. EXPLORATORY TRAWL FISHING IN BOMBAY-SAURASHTRA WATERS DURING 1968-70. *Indian J. Fish.* 21(2):406-426. 1974. SFA 23(2)

71-008139 Price, W. W. and R. A. Schlueter. EFFECTS OF SALINITY DIFFERENCES ON FISH POPULATIONS INHABITING MCKAY BAY, TAMPA BAY SYSTEM, FL. *Fla. Sci.* 43(Suppl. 1):24. 1980. Abstract only. SFA 25(2)

71-008140 Pristas, P. J. and Trent, L. SEASONAL ABUNDANCE, SIZE, AND SEX RATIO OF FISHES CAUGHT WITH GILL NETS IN ST. ANDREW BAY, FLORIDA. *Bull. Mar. Sci.* 28 (3): 581-589. July 1978. SFA 23(4)

71-008141 Quelvog, B. D. FIRST RECORD OF THE STRIPED MULLET (/MUGIL CEPHALUS/) IN THE SACRAMENTO-SAN JOAQUIN DELTA OF CALIFORNIA. *Calif. Fish Game* 63 (4): 279. Oct. 1977. SFA 23(2)

71-008142 Rajagopalan, M.; Karuppaswamy, P. and Regunathan, A. /NEMIPTERUS DELAGOAE/ SMITH (NEMIPTERIDAE: PISCES) A NEW RECORD FROM THE INDIAN SEAS. *Indian J. Fish.* 22 (1,2): 274-276. 1975. SFA 23(3)

71-008143 Rao, G. R. and Kaliyamurthy, H. A NOTE ON THE ABUNDANCE AND DISTRIBUTION OF JUVENILES OF TWO BELONIFORM FISHES IN PULICAT LAKE. *Indian J. Anim. Sci.* 44(10):810-814. Oct. 1974. SFA 22(4)

71-008144 Rao, T. A. RELATIVE ABUNDANCE OF SCIAENIDS ALONG ANDHRA-ORISSA COAST. *Indian J. Fish.* 23(1/2):201-212. 1976. SFA 25(2)

71-008145 Rayburn, K. J. and Freeze, T. M. THE AQUATIC FAUNA OF RUSSELLS CHAPEL SPRING, CALLOWAY COUNTY, KENTUCKY. *Trans. Ky. Acad. Sci.* 38 (3-4): 116-119. Sept. 1977. SFA 23(1)

71-008146 Reider, R. H. OCCURRENCE OF A KOKANEE IN THE HUDSON RIVER. *N.Y. Fish Game J.* 26(1):94. Jan. 1979. SFA 25(1)

71-008147 Reider, R. H. OCCURRENCE OF THE SILVER LAMPREY IN THE HUDSON RIVER. *N.Y. Fish Game J.* 26(1):93. Jan. 1979. SFA 25(1)

71-008148 Reigh, R. C. and Elsen, D. S. STATUS OF THE STURGEON CHUB (/HYBOPSIS GELIDA?) AND SICKLEFIN CHUB (/HYBOPSIS MEEKI/) IN NORTH DAKOTA. *Prairie Nat.* 11(2):49-52. June 1979. SFA 25(1)

71-008149 Repetski, J. E. A FISH FROM THE UPPER CAMBRIAN OF NORTH AMERICA. *Science* 200 (4341): 529-531. 5 May 1978. SFA 23(3)

71-008150 Richards, W. J. and Saksena, V. P. NOTES ON THE DISTRIBUTION OF GURNARD FISHES (GENUS /LEPIDOTRIGLA/, FAMILY TRIGLIDAE) OFF THE NORTHWEST COAST OF AFRICA. *Bull. Mar. Sci.* 28 (4): 792-794. Oct. 1978. SFA 24(2)

71-008151 Richardson, S. L. and Pearcy, W. G. COASTAL AND OCEANIC FISH LARVAE IN AN AREA OF UPWELLING OFF YAQUINA BAY, OREGON. *NOAA Fish. Bull.* 75(1):125-145. Jan. 1977. SFA 22(3)

71-008152 Riehl, R. ZUR FISCHFAUNA VON IBIZA, BALEAREN (PISCES). [THE FISH FAUNA OF IBIZA, BALEARES (PISCES).] *Senckenb. Biol.* 59 (3/4): 173-182. 19 Oct. 1978. In German with English summ. SFA 24(2)

71-008153 Ritson, P. C.; Polk, J. L. and Malick, R. W., Jr. FISHES OF THE CONEWAGO CREEK DRAINAGE, YORK AND ADAMS COUNTIES, PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 51 (1): 59-66. 1977. SFA 23(2)

71-008154 Roarabaugh, D. and Ellis, R. H. DISTRIBUTION AND ABUNDANCE OF BENTHIC MACROINVERTEBRATES IN THE LOCKPORT-ROCHESTER SECTION OF THE NEW YORK STATE BARGE CANAL. *Proc. Rochester Acad. Sci. Inc.* 13 (1): 24. Oct. 1976. Abstract only. SFA 24(1)

71-008155 Roberts, P. E. and Paul, L. J. SEASONAL HYDROLOGICAL CHANGES IN CONTINENTAL SHELF WATERS OFF THE WEST COAST, NORTH ISLAND, NEW ZEALAND, AND COMMENTS ON FISH DISTRIBUTIONS. *N.Z. J. Mar. Freshwater Res.* 12(4):323-339. Dec. 1978. SFA 24(4)

71-008156 Roberts, P. E. JUVENILE SLENDER TUNA FROM NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 9 (1): 105-108. Mar. 1975. SFA 21(3).

71-008157 Roberts, P. E.; Eggleston, D. and James, G. D. FRIGATE TUNA /AUXIS THAZARD/ IN NEW ZEALAND WATERS. *N. Z. J. Mar. Freshwater Res.* 11 (1): 163-167. Mar. 1977. SFA 23(1)

71-008158 Robertson, D. A.; Roberts, P. E. and Wilson, J. B. MESOPELAGIC FAUNAL TRANSITION ACROSS THE SUBTROPICAL CONVERGENCE EAST OF NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 12(4):295-312. Dec. 1978. SFA 24(4)

71-008159 Robertson, D. A. PLANKTONIC STAGES OF THE TELEOST FAMILY CARAPIDAE IN EASTERN NEW ZEALAND WATERS. *N.Z. J. Mar. Freshwater Res.* 9(3):403-409. Sept. 1975. SFA 21(1).

71-008160 Robertson, D. A. /DIPLOPHOS REBAINSI/ KREFFT & PARIN, 1972, AN ADDITION TO THE MESOPELAGIC FISH FAUNA OF NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 9(3):411-415. Sept. 1975. SFA 21(1).

71-008161 Robertson, D. A. PLANKTONIC STAGES OF THE TELEOST FAMILY CARAPIDAE IN EASTERN NEW ZEALAND WATERS. *N. Z. J. Mar. Freshwater Res.* 9 (3): 403-409. Sept. 1975. SFA 21(3).

71-008162 Robertson, D. A. /DIPLOPHOS REBAINSI/ KREFFT & PARIN, 1972, AN ADDITION TO THE MESOPELAGIC FISH FAUNA OF NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 9 (3): 411-415. Sept. 1975. SFA 21(3).

71-008163 Robison, H. W. and S. A. Winters. THE FISHES OF MORO CREEK, A LOWER OUACHITA RIVER TRIBUTARY, IN SOUTHERN ARKANSAS. *Proc. Ark. Acad. Sci.* 32:71-75. 1978. SFA 25(4)

71-008164 Robison, H. W. DISTRIBUTION AND HABITAT OF THE TAILLIGHT SHINER, *NOTROPIS MACULATUS* (HAY), IN ARKANSAS. *Proc. Ark. Acad. Sci.* 32:68-70. 1978.

71-008165 Robison, H. W. /FUNDULUS BLAIRAE/ WILEY AND HALL (CYPRINODONTIDAE) IN ARKANSAS. *Southwest. Nat.* 22 (4): 544. 15 Oct. 1977. SFA 23(1)

71-008166 Robison, H. W. DISTRIBUTION, HABITAT, VARIATION, AND STATUS OF THE GOLDSTRIPE DARTER, /ETHEOSTOMA PARVIPINNE/ GILBERT AND SWAIN, IN ARKANSAS. *Southwest. Nat.* 22 (4): 435-442. 15 Oct. 1977. SFA 23(1)

71-008167 Robison, H. W. and Harris, J. L. NOTES ON THE HABITAT AND ZOOGEOGRAPHY OF /NOTURUS TAYLORI/ (PISCES: ICTALURIDAE). *Copeia* 1978 (3): 548-550. 10 ug. 1978. SFA 23(4)

71-008168 Robison, H. W. DISTRIBUTION, HABITAT NOTES, AND STATUS OF THE IRONCOLOR SHINER, /NOTROPIS CHALYBAEUS/ COPE, IN ARKANSAS. *Proc. Ark. Acad. Sci.* 31: 92-94. 1977. SFA 23(3)

71-008169 Robison, H. W. and Winters, S. OCCURRENCE OF THE SLENDER MADTON, /NOTURUS EXILIS/ NELSON (OSTEICHTHYES: ICTALURIDAE), IN THE LITTLE RIVER SYSTEM, ARKANSAS. *Southwest. Nat.* 23 (4): 688-689. 28 Dec. 1978. SFA 24(2)

71-008170 Rohde, F. C. FIRST RECORD OF THE LEAST BROOK LAMPREY, /OKKELBERGIA AEPYPTERA/, (PISCES: PETROMYZONIDAE) FROM ILLINOIS. *Trans. Ill. State Acad. Sci.* 69 (3): 313-314. Sept. 1976. SFA 23(1)

71-008171 Rohde, F. C.; Link, G. W., Jr. and Burgess, G. H. FRESHWATER FISHES OF CROATAN NATIONAL FOREST, NORTH CAROLINA, WITH COMMENTS ON THE ZOOGEOGRAPHY OF COASTAL PLAIN FISHES. *Brimleyana* No. 2. p. 97-118. Nov. 1979. SFA 25(1)

71-008172 Rosen, D. E. FISHES FROM THE UPLANDS AND INTERMONTANE BASINS OF GUATEMALA: REVISIONARY STUDIES AND COMPARATIVE GEOGRAPHY. *Bull. Am. Mus. Nat. Hist.* 162(5):269-375. 1979. SFA 25(4)

71-008173 Royer, L. M. and Anderson, C. B. FIRST RECORD OF THE STONECAT IN SASKATCHEWAN WATERS. *Blue Jay* 35 (2): 78. June 1977. SFA 22(4)

71-008174 Rubec, P. J. FISH DISTRIBUTION IN GATINEAU PARK, QUEBEC, IN RELATION TO POSTGLACIAL DISPERSAL, MAN'S INFLUENCE, AND EUTROPHICATION. *Can. Field-Nat.* 89(4):389-399. Oct.-Dec. 1975. SFA 21(4)

71-008175 Rudometkina, G. P. and Zharov, V. L. LARVAL BONITO /SARDA/ SP. (SCOMBROIDEI, OSTEICHTHYES) FROM THE TROPICAL ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 506-509. 1976. SFA 22(4)

71-008176 Russell, J. A. THE OCCURRENCE OF THE WESTERN MOSQUITO FISH (*GAMBUSIA AFFINIS AFFINIS*) IN IOWA. *Proc. Iowa Acad. Sci.* 87(1):24. Mar. 1980. Abstract only. SFA 25(2)

71-008177 Ryan, P. A. THE FISH OF LAKE ELLESMERE, CANTERBURY. *Mauri Ora* 2:131-136. 1974. SFA 24(2)

71-008178 Saadati, M. A. G. TAXONOMY AND DISTRIBUTION OF THE FRESHWATER FISHES OF IRAN. *M.S. thesis, Colo. State Univ., Fort Collins* viii + 212p. Dec. 1977. SFA 23(2)

71-008179 Santoro, E. D.; N. A. Funicelli and S. J. Koepp. FISHES OF NEWARK BAY, N.J. *Underwater Nat.* 12(2):22. 1980. SFA 25(2)

71-008180 Sauskan, V. I. and Ryzhov, V. M. INVESTIGATION OF COMMUNITIES OF DEMERSAL FISH OF CAMPECHE BANK. *Oceanology* 17 (2): 223-227. Oct. 1977. SFA 23(3)

71-008181 Sazonov, Yu. I. /ROULEINA SQUAMILATERA/ (SALMONIFORMES, ALEPOCEPHALIDAE) FROM THE BATHYAL ZONE OF THE OKHOTSK SEA NEW TO THE FAUNA OF THE USSR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):670-672. 1978. SFA 25(1)

71-008182 Schaeffer, B. and Mangus, M. AN EARLY TRIASSIC FISH ASSEMBLAGE FROM BRITISH COLUMBIA. *Bull. Am. Mus. Nat. Hist.* 156(5):515-564. May 1976. SFA 21(2).

71-008183 Schauss, R. P., Jr. SEASONAL OCCURRENCE OF SOME LARVAL AND JUVENILE FISHES IN LYNNHAVEN BAY, VIRGINIA. *Am. Midl. Nat.* 98(2):257-282. Oct. 1977. SFA 23(2)

71-008184 Schlueter, R. A. and Price, W. W. SEASONAL ABUNDANCE, GROWTH AND REPRODUCTION OF FISHES CAUGHT BY SEINING IN MCKAY BAY, TAMPA BAY SYSTEM, FL. *Fla. Sci.* 42 (Suppl. 1): 23. 1979. Abstract only. SFA 24(3)

71-008185 Schwartz, F. J. and Safrit, G. W., Jr. A WHITE SOUTHERN STINGRAY, /DASYATIS AMERICANA/ (PISCES, DASYATIDAE), FROM PAMLICO SOUND, NORTH CAROLINA. *Chesapeake Sci.* 18 (1): 83-84. Mar. 1977. SFA 22(3)

71-008186 Schwartz, F. J. and Link, G. W. /EVERMANNELLA BALBO/ AND /REGALECUS GLESNE/ FROM THE WESTERN ATLANTIC OFF NORTH CAROLINA (PISCES: EVERMANELLIDAE AND REGALECIDAE). *ASB (Assoc. Southeast. Biol.) Bull.* 22 (2): 78. Apr. 1975. SFA 22(2)

71-008187 Scoppettone, G. G. and Smith, J. J. ADDITIONAL RECORDS ON THE DISTRIBUTION AND STATUS OF NATIVE FISHES IN ALAMEDA AND COYOTE CREEKS, CALIFORNIA. *Calif. Fish Game* 64 (1): 61-65. Jan. 1978. SFA 23(3)

71-008188 Sekharan, K. V. OBSERVATIONS ON THE OCCURRENCE AND HABITS OF JUVENILE FISHES IN THE NEARSHORE REGION OF THE MANDAPAM AREA. *J. Bombay Nat. Hist. Soc.* 72 (1): 83-89. Apr. 1975. SFA 22(1)

71-008189 Senta, T. and Min, T. S. CATALOGUE OF THE FISHES FROM THE SOUTH CHINA SEA AND ADNAMAN SEA. *Southeast Asian Fish. Dev. Cent., Singapore* 32p. Dec. 1975. SFA 21(1).

71-008190 Serenko, V. A. and Bekker, V. E. A NEW FIND OF THE RARE SPECIES /DIAPHUS ADENOMUS/ (MYCTOPHIDAE, OSTEICHTHYES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 821-825. 1975. SFA 22(1)

71-008191 Shcherbachev, Yu. N.; Yu. I. Sazonov and A. S. Piotrovskiy. ON THE DISCOVERY OF *TRACHONURUS VILLOSUS* AND SPECIES OF THE GENUS *MESOBIUS* (MACROURIDAE, OSTEICHTHYES) IN THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):16-23. 1979. SFA 25(3)

71-008192 Shen, S.-C. and Choi, Y.-H. ECOLOGICAL AND MORPHOLOGICAL STUDY ON FISH-FAUNA FROM THE WATERS AROUND TAIWAN AND ITS ADJACENT ISLANDS. 16. STUDY ON THE LABRID FISHES (LABRIDAE). *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3(2):67-106. July 1976. SFA 24(2)

71-008193 Shen, S.-C. and Choi, Y.-H. ECOLOGICAL AND MORPHOLOGICAL STUDY ON FISH-FAUNA FROM THE WATERS AROUND TAIWAN AND ITS ADJACENT ISLANDS. 16. STUDY ON THE LABRID FISHES (LABRIDAE). *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3(3):68-126. Aug. 1978. SFA 24(1)

71-008194 Shen, S.-C. and Choi, Y.-H. ECOLOGICAL AND MORPHOLOGICAL STUDY ON FISH-FAUNA FROM THE WATERS AROUND TAIWAN AND ITS ADJACENT ISLANDS. 16. STUDY ON THE LABRID FISHES (LABRIDAE). *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3 (3): 68-126. Aug. 1978. SFA 24(3)

71-008195 Shtundyuk, Yu. V. THE LAKE MINNOW, *PHOXINUS PERCNURUS*, - A NEW SPECIES IN THE ICHTHYOFAUNA OF THE ANADYR ZOOGEOGRAPHIC REGION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):151-154. 1979. SFA 25(4)

71-008196 Shubnikov, D. A. ECOLOGICAL GROUPS IN THE SCOMBRIDAE AND THEIR ORIGIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (5): 633-648. 1974. SFA 21(2).

71-008197 Shust, K. V. ON THE DISTRIBUTION AND BIOLOGY OF MEMBERS OF THE GENUS /MICROMESISTIUS/ (FAMILY GADIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):490-493. 1978. SFA 25(1)

71-008198 Shvetsov, F. G. DISTRIBUTION AND MIGRATIONS OF THE ROCK SOLE, /LEPIDOPSETTA BILINEATA BILINEATA/, IN THE REGION OF THE OKHOTSK SEA COAST OF PARAMUSHIR AND SHUMSHU ISLANDS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(1):56-62. 1978. SFA 24(3)

71-008199 Silas, E. G. LARVAE OF THE INDIAN MACKEREL, /RASTRELLIGER KANAGURTA/ (CUVIER) FROM THE WEST COAST OF INDIA. *Indian J. Fish.* 21(1):233-253. 1974. SFA 23(2)

71-008200 Sinoda, M.; Lim, P. Y. and Tan, S. M. PRELIMINARY STUDY OF TRASH FISH LANDED AT KANGKAR FISH MARKET IN SINGAPORE. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 595-600. June 1978. SFA 23(4)

71-008201 Sisk, M. E. and Webb, D. H. DISTRIBUTION AND HABITAT PREFERENCE OF /ETHEOSTOMA HISTRIO/ IN KENTUCKY. *Trans. Ky. Acad. Sci.* 37 (1-2): 33-34. Mar. 1976. SFA 21(4)

71-008202 Skreslet, S. THE FISH FAUNA OF SKJOMEN, A FJORD OF NORTH NORWAY. *Astarte* 11 (2): 67-77. 1978. SFA 24(4)

71-008203 Sloterdijk, H. H. EXTENSION D'AIRE DE LA REPARTITION GEOGRAPHIQUE DE L'ESTURGEON NOIR, /ACIPENSER OXYRHYNCHUS/ MITCHILL, DANS LE FLEUVE SAINT-LAURENT AU QUEBEC. [EXTENSION OF THE KNOWN DISTRIBUTION OF THE ATLANTIC STURGEON, /ACIPENSER OXYRHYNCHUS/ MITCHILL, FROM THE ST. LAWRENCE RIVER IN QUEBEC.] *Nat. Can. (Que.)* 105 (1): 53-54. Jan.-Feb. 1978. In French with English summ. SFA 23(3)

71-008204 Smith, G. B. RELATIONSHIP OF EASTERN GULF OF MEXICO REEF-FISH COMMUNITIES TO THE SPECIES EQUILIBRIUM THEORY OF INSULAR BIOGEOGRAPHY. *J. Biogeogr.* 6 (1): 49-61. Mar. 1979. SFA 24(3)

71-008205 Smith, J. FINESCALE DACE IN SASKATCHEWAN. *Blue Jay* 36 (2): 86-87. June 1978. SFA 23(4)

71-008206 Smith, J. J. DISTRIBUTION, MOVEMENTS AND ECOLOGY OF THE FISHES OF THE PAJARO RIVER SYSTEM, CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Davis)* 233p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4624. Apr. 1978. SFA 23(3)

71-008207 Snytko, V. A. and Fedorov, V. V. NEW DATA ON THE DISTRIBUTION OF SCORPAENID FISHES OF THE SUBFAMILY SEBASTINAE AND NOTES ON THEIR BIOLOGY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(6):811-818. 1974. SFA 21(2).

71-008208 Sokolovskaya, T. S. and Sokolovskiy, A. S. NEW DATA ON EXPANSION OF THE AREA OF REPRODUCTION OF OCEAN SUNFISHES (PISCES, MOLIDAE) IN THE NORTHWESTERN PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 675-678. 1975. SFA 21(3).

71-008209 Sokolovskiy, A. S. THE LARVAE OF EELS OF THE FAMILY NETTASTOMIDAE (PISCES, ANGUILLIFORMES) FROM THE WATERS OF THE KUROSHIO. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 325-328. 1975. SFA 21(3).

71-008210 Sonnier, F.; Teerling, J. and Hoese, H. D. OBSERVATIONS ON THE OFFSHORE REEF AND PLATFORM FISH FAUNA OF LOUISIANA. *Copeia* 1976(1):105-111. 12 Mar. 1976. SFA 21(1).

71-008211 Southward, A. J. and A. D. Mattacola. OCCURRENCE OF NORWAY POUT, *TRISOPTERUS ESMARKI* (NILSSON) AND BLUE WHITING, *MICROMESISTIUS POUTASSOU* (RISSO), IN THE WESTERN ENGLISH CHANNEL OFF PLYMOUTH. *J. Mar. Biol. Assoc. UK* 60(1):39-44. Feb. 1980. SFA 25(2)

71-008212 Sparks, R. E. ENVIRONMENTAL INVENTORY AND ASSESSMENT OF NAVIGATION POOLS 24, 25, AND 26, UPPER MISSISSIPPI AND LOWER ILLINOIS RIVERS; AN ELECTROFISHING SURVEY OF THE ILLINOIS RIVER. *Ill. Nat. Hist. Surv. Contract Rep.* Y-75-4. 122p. Dec. 1975. SFA 22(2)

71-008213 Sreenivasan, P. V. RECORDS OF SIX SPECIES OF CARANGIDS FROM THE SOUTHWEST COAST OF INDIA. *Indian J. Fish.* 23(1/2):41-56. 1976. SFA 25(2)

71-008214 Sreenivasan, P. V. ON TWO NEW RECORDS OF CARANGID FISHES FROM INDIAN SEAS. *Indian J. Fish.* 21(1):20-28. 1974. SFA 23(2)

71-008215 Stanley, J. G.; Miley, W. W. II and Sutton, D. L. REPRODUCTIVE REQUIREMENTS AND LIKELIHOOD FOR NATURALIZATION OF ESCAPED GRASS CARP IN THE UNITED STATES. *Trans. Am. Fish. Soc.* 107 (1): 119-128. Jan. 1978. SFA 23(3)

71-008216 Starnes, W. C.; Itnier, D. A.; Starnes, L. B. and Douglas, N. H. ZOOGEOGRAPHIC IMPLICATIONS OF THE REDISCOVERY OF THE PERCID GENUS /AMMOCRYPTA/ IN THE TENNESSEE RIVER DRAINAGE. *Copeia* 1977 (4): 783-786. 25 Nov. 1977. SFA 23(1)

71-008217 Stasiak, R. H. UPDATED DISTRIBUTIONAL RECORDS FOR SOME NEBRASKA FISHES. *Proc. Nebr. Acad. Sci. Affil. Soc.* 86: 27. 1976. Abstract only. SFA 22(2)

71-008218 Stauffer, J. R., Jr.; Hocutt, C. H.; Masnik, M. T. and Reed, J. E., Jr. THE LONGITUDINAL DISTRIBUTION OF THE FISHES OF THE EAST RIVER, WEST VIRGINIA-VIRGINIA. *Va. J. Sci.* 26 (3): 121-125. 1975. SFA 21(3).

71-008219 Stein, D. L. and A. E. Peden. FIRST RECORD OF *PARALIPARIS PAUCIDENS* STEIN (PISCES: LIPARIDAE) FROM BRITISH COLUMBIA WATERS. *Syesis* 12:181. 1979. SFA 25(3)

71-008220 Stein, D. L. OCCURRENCE OF *BATHYLACO NIGRICANS* (PISCES, ALEPOCEPHALIDAE) OFF THE COAST OF OREGON. *Syesis* 11:281. 1978. SFA 25(2)

71-008221 Steinitz, H. and Ben-Tuvia, A. FISHES OF THE SUEZ CANAL. *Isr. J. Zool.* 21: 385-389. 1972. SFA 24(4)

71-008222 Stevenson, M. M. and Thompson, B. A. FURTHER DISTRIBUTION RECORDS FOR THE BIGSCALE LOGPERCH, /PERCINA MACROLEPIDA/ (OSTEICHTHYES: PERCIDAE) FROM OKLAHOMA, TEXAS AND LOUISIANA WITH NOTES ON ITS OCCURRENCE IN CALIFORNIA. *Southwest. Nat.* 23 (2): 309-313. 20 Mar. 1978. SFA 23(4)

71-008223 Stewart, D. J.; Brandt, S. B.; Magnuson, J. J. and Kitchell, J. F. DISTRIBUTIONAL RESPONSE OF FISH TO A THERMAL FRONT IN THE ATLANTIC OCEAN NEAR CAPE HATTERAS. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-008224 Strebkova, T. and Dergaleva, Zh. [ACCLIMATIZATION OF THE STRIPED PERCH IN THE USSR.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 4:47-52. 1975[1977]. In Russian. SFA 24(4)

71-008225 Sutton, R. J. THE HUMPBACK CHUB. *Colo. Outdoors* 25(4):20-21. 1976. SFA 21(3).

71-008226 Svetlov, M. F. CAPTURE OF THE SPECIMEN OF /XENOCYTTUS NEMOTOI/ ABE IN THE SOUTH-EASTERN PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):493-494. 1978. SFA 25(1)

71-008227 Svetlov, M. F. THE PORBEAGLE, *LAMNA NASUS*, IN ANTARCTIC WATERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):850-851. 1978. SFA 25(2)

71-008228 Swaidner, J. E. and Berra, T. M. ECOLOGICAL ANALYSIS OF THE FISH DISTRIBUTION IN GREEN CREEK, A SPRING-FED STREAM IN NORTHERN OHIO. *Ohio J. Sci.* 79(2):84-92. Mar. 1979. SFA 24(3)

71-008229 Swift, C.; Yerger, R. W. and Parrish, P. R. DISTRIBUTION AND NATURAL HISTORY OF THE FRESH AND BRACKISH WATER FISHES OF THE OCHLOCKONEE RIVER, FLORIDA AND GEORGIA. *Tall Timbers Res. Stn. Bull.* No. 20. 111p. Oct. 1977. SFA 23(1)

71-008230 Symons, P. E. K. and Martin, J. D. DISCOVERY OF JUVENILE PACIFIC SALMON (COHO) IN A SMALL COASTAL STREAM OF NEW BRUNSWICK. *NOAA Fish. Bull.* 76 (2): 487-489. Apr. 1978. SFA 23(4)

71-008231 Tabery, M. A.; Ricciardi, A. P. and Chambers, T. J. OCCURRENCE OF LARVAL INSHORE LIZARDFISH IN THE HUDSON RIVER ESTUARY. *N.Y. Fish Game J.* 25 (1): 87-88. Jan. 1978. SFA 23(2)

71-008232 Tabita, O. and T. Ozawa. ANGUILLID LEPTOCEPHALI FROM THE EASTERN INDIAN OCEAN. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1069-1073. Sept. 1979. SFA 25(2)

71-008233 Tabita, O.; Nonaka, S. and Sakurai, N. [OCCURRENCE OF ELVERS OF THE EUROPEAN EEL, /ANGUILLA ANGUILLA/ LINNAEUS IN SHIZUOKA AND KANAGAWA PREFECTURES, JAPAN, IN 1977.] *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 437-441. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-008234 Takahashi, T. and Kohno, S. STUDIES ON THE ECOLOGY OF THE HERRING IN THE NORTHERN PART OF THE OKHOTSK SEA IN SUMMER--IV. ON THE PURSUIT OF "AYAN GROUP" USING SCALE PATTERN. *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 677-686. June 1979. SFA 24(4)

71-008235 Talbot, F. H.; Russell, B. C. and Anderson, G. R. V. CORAL REEF FISH COMMUNITIES: UNSTABLE, HIGH-DIVERSITY SYSTEMS? *Ecol. Monogr.* 48(4):425-440. 1978. SFA 24(3)

71-008236 Talbot, J. W. THE DISPERSAL OF PLAICE EGGS AND LARVAE IN THE SOUTHERN BIGHT OF THE NORTH SEA. *J. Cons. Cons. Int. Explor. Mer* 37(3):221-248. Sept. 1977. SFA 23(2)

71-008237 Taylor, T. L. A BLUE CATFISH FROM THE SACRAMENTO-SAN JOAQUIN DELTA. *Calif. Fish Game* 66(2):120-121. Apr. 1980. SFA 25(3)

71-008238 Taylor, T. L. GAME/NON-GAME FISH RELATIONSHIPS IN THE STREAMS OF THE CLEAR LAKE BASIN. *Cal-Neva Wildl. Trans.* 1977:49-59. 1977. SFA 23(3)

71-008239 Teller, S. and Bardack, D. NEW RECORDS OF LATE PLEISTOCENE VERTEBRATES FROM THE SOUTHERN END OF LAKE MICHIGAN. *Am. Midl. Nat.* 94(1):179-189. July 1975. SFA 21(1).

71-008240 Tesch, F.-W. OCCURRENCE OF EEL *ANGUILLA ANGUILLA* LARVAE WEST OF THE EUROPEAN CONTINENTAL SHELF, 1971-1977. *Environ. Biol. Fishes* 5(3):185-190. 29 Sept. 1980. SFA 25(4)

71-008241 Thom, R. H. RARE AND ENDANGERED VERTEBRATES OF ILLINOIS. *Trans. Ill. State Acad. Sci.* 70 (2): 214. 1977. Abstract only. SFA 24(1)

71-008242 Thomerson, J. E.; Thorson, T. B. and Hempel, R. L. THE BULLSHARK, /CARCHARHINUS LEUCAS/, FROM THE UPPER MISSISSIPPI RIVER NEAR ALTON, ILLINOIS. *Copeia* 1977 (1): 166-168. 16 Mar. 1977. SFA 22(3)

71-008243 Thomson, K. S.; Weed, W. H. III; Taruski, A. G. and Simanek, D. E. SALTWATER FISHES OF CONNECTICUT. *State Geol. Nat. Hist. Surv. Conn. Bull.* 105. viii + 186p. 1978. SFA 24(3)

71-008244 Tong, L. J. and Saito, R. FURTHER POSTLARVAE OF TARAKIHI IN NEW ZEALAND WATERS. *N.Z. J. Mar. Freshwater Res.* 11(1):159-162. Mar. 1977. SFA 23(1)

71-008245 Tourenq, J. N. and Dauba, F. TRANSFORMATION DE LA FAUNE DES POISSONS DANS LA RIVIERE LOT. [CHANGES IN THE SPECIES COMPOSITION OF FISH IN THE RIVER LOT.] *Ann. Limnol.* 14 (1-2): 133-138. 1978. In French with English summ. SFA 24(2)

71-008246 Tsepkin, Ye. A. LATE QUATERNARY ICHTHYOFAUNA OF THE ALDAN RIVER (LENA BASIN). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):23-27. 1979. SFA 25(3)

71-008247 Tucker, J. W., Jr. and Hodson, R. G. EARLY AND MID-METAMORPHIC LARVAE OF THE TARPON, /MEGALOPS ATLANTICA/, FROM THE CAPE FEAR RIVER ESTUARY, NORTH CAROLINA, 1973-74. *Chesapeake Sci.* 17(2):123-125. June 1976. SFA 21(2).

71-008248 Tyler, J. D. and Mills, D. R. RANGE EXTENSION OF /HIODON ALOSOIDES/ (RAFINESQUE) IN OKLAHOMA. *Proc. Okla. Acad. Sci.* 58: 113. 1978. SFA 24(1)

71-008249 U.S. Fish and Wildlife Service. SELECTED VERTEBRATE ENDANGERED SPECIES OF THE SEACOAST OF THE UNITED STATES. *U.S. Fish Wildl. Serv.* FWS/OBS-80/01. Mar. 1980. SFA 25(3)

71-008250 Van Couvering, J. A. H. EARLY RECORDS OF FRESHWATER FISHES IN AFRICA. *Copeia* 1977 (1): 163-166. 16 Mar. 1977. SFA 22(3)

71-008251 Venkataraman, G. and Badrudeen, M. A NEW DISTRIBUTIONAL RECORD OF /GERRES MACRACANTHUS/ BLEEKER FROM INDIAN WATERS. *Indian J. Fish.* 22 (1,2): 290-293. 1975. SFA 23(3)

71-008252 Venkataramanujam, K. and Ramamoorthi, K. STUDIES ON THE SEASONAL ABUNDANCE OF THE FISH EGGS AND LARVAE OF PORTO NOVO WATERS. *Indian J. Fish.* 21 (2): 454-462. 1974. SFA 23(2)

71-008253 Verneaux, J. [BIOTYPOLOGY OF RUNNING WATERS. THE BIOLOGICAL STRUCTURE.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 283(15):1663-1666. Dec. 1976. In French with English summ. SFA 22(3)

71-008254 Vinikour, W. S. and R. V. Anderson. FIRST CONFIRMED RECORDS OF FISH (*COTTUS BAIRDI*) FROM TROUT PARK NATURE PRESERVE (ELGIN BOTANICAL GARDENS) SINCE PARK PERTURBATION BY I-90 CONSTRUCTION, 1957. *Trans. Ill. State Acad. Sci.* 72(2):97-99. 1979. SFA 25(3)

71-008255 Vodovskaya, V. V. ON THE CONNECTION BETWEEN THE ABUNDANCE OF THE CASPIAN SHAD, /CASPIALOSA KESSLERI/, AND ITS DISTRIBUTION IN THE NORTHERN CASPIAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):163-166. 1977. SFA 23(3)

71-008256 Walker, M. H. AN INVENTORY OF THE MARINE RESOURCES OF THE BUNBURY MARINE AREA AND GEOGRAPHE BAY. *West. Aust. Dep. Fish. Wildl. Rep.* No. 37. 46p. 1979. SFA 24(4)

71-008257 Walker, S. R. and Peters, E. J. DISTRIBUTION OF FISHES IN 32 MILE CREEK, ADAMS COUNTY, NEBRASKA. *Proc. Nebr. Acad. Sci. Affil. Soc.* 88:26-27. 1978. Abstract only. SFA 23(4)

71-008258 Walker, S. R. DISTRIBUTION OF FISHES IN THIRTY-TWO MILE CREEK, NEBRASKA. *Trans. Nebr. Acad. Sci.* 8:91-98. 1980. SFA 25(4)

71-008259 Wallace, R. L. and Ball, K. W. LANDLOCKED PARASITIC PACIFIC LAMPREY IN DWORSHAK RESERVOIR, IDAHO. *Copeia* 1978(3):545-546. 10 Aug. 1978. SFA 23(4)

71-008260 Wang, J. C. S. and Kernehan, R. J. FISHES OF THE DELAWARE ESTUARIES: A GUIDE TO THE EARLY LIFE HISTORIES. *EA Communications, Towson, MD* 350p. 1978. SFA 24(3)

71-008261 Washington, P. M. FIRST SPECIMEN OF ROSETHORN ROCKFISH, /SEBASTES HELVOMACULATUS/ (AYRES 1859), RECORDED FROM PUGET SOUND, WASHINGTON. *Northwest Sci.* 51 (3): 216-218. Aug. 1977. SFA 23(1)

71-008262 Weatherley, A. H. /PERCA FLUVIATILIS/ IN AUSTRALIA: ZOOGEOGRAPHIC EXPRESSION OF A LIFE CYCLE IN RELATION TO AN ENVIRONMENT. *J. Fish. Res. Board Can.* 34(10):1464-1466. Oct. 1977. In English with French summ. SFA 23(1)

71-008263 Wells, A. W. OCCURRENCE OF THE SLIMY SCULPIN, /COTTUS COGNATUS/, IN THE MISSOURI DRAINAGE SYSTEM. *Can. Field-Nat.* 91 (4): 415-416. Oct.-Dec. 1977. SFA 23(3)

71-008264 Wenner, C. A. MAKING A LIVING ON THE CONTINENTAL SLOPE AND IN THE DEEP-SEA: LIFE HISTORY OF SOME DOMINANT FISHES OF THE NORFOLK CANYON AREA. *Ph.D. dissertation, Coll. William and Mary in Va.* 317p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2179. Nov. 1978. SFA 24(1)

71-008265 Wenner, C. A.; C. A. Barans; B. W. Stender and F. H. Berry. RESULTS OF MARMAP OTTER TRAWL INVESTIGATIONS IN THE SOUTH ATLANTIC BIGHT. IV. WINTER-EARLY SPRING 1975. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 44. 59p. Dec. 1979. SFA 25(3)

71-008266 Wenner, C. A.; C. A. Barans; B. W. Stender and F. H. Berry. RESULTS OF MARMAP OTTER TRAWL INVESTIGATIONS IN THE SOUTH ATLANTIC BIGHT. III. SUMMER 1974. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 41. 62p. Nov. 1979. SFA 25(2)

71-008267 Wenner, C. A.; Barans, C. A.; Stender, B. W. and Berry, F. H. RESULTS OF MARMAP OTTER TRAWL INVESTIGATIONS IN THE SOUTH ATLANTIC BIGHT. I. FALL 1973. *S. C. Mar. Resour. Cent. Tech. Rep.* No. 33. 79p. Mar. 1979. SFA 24(4)

71-008268 Went, A. E. J. TRIGGER OR FILE-FISH (/BALISTES CAROLINENSIS/) IN IRISH WATERS. *J. Fish Biol.* 13 (4): 489-492. Oct. 1978. SFA 24(1)

71-008269 Wheeler, A. /ICTALURUS MELAS/ (RAFINESQUE, 1820) AND /I. NEBULOSUS/ (LESUEUR, 1819): THE NORTH AMERICAN CATFISHES IN EUROPE. *J. Fish Biol.* 12 (5): 435-439. May 1978. SFA 23(4)

71-008270 Wheeler, A. and Dunne, J. /TRIPTERYGION ATLANTICUS/ SP. NOV. (TELEOSTEI-TRIPTERYGIIDAE) THE FIRST RECORD OF A TRIPTERYGIID FISH IN NORTH-WESTERN EUROPE. *J. Fish Biol.* 7 (5): 639-649. Sept. 1975. SFA 22(2)

71-008271 Wheeler, A. THE ORIGIN AND DISTRIBUTION OF THE FRESHWATER FISHES OF THE BRITISH ISLES. *J. Biogeogr.* 4(1):1-24. Mar. 1977. SFA 23(1)

71-008272 White, A. M. and N. A. Alldridge. DISTRIBUTION OF EARLY FISH LARVAL STAGES IN THE LOWER CHAGRIN RIVER AND ADJACENT LAKE ERIE BEACHES. *Ohio J. Sci.* 80:13. 1980. Abstract only. SFA 25(2)

71-008273 White, E. I. THE LARGER ARTHRODIRAN FISHES FROM THE AREA OF THE BURRINJUCK DAM, N.S.W. *Trans. Zool. Soc. Lond.* 34 (2): 149-262. July 1978. SFA 24(1)

71-008274 Wilcox, D. B.; Lorenz, B. D. and Kranz, V. FISH SPECIES, SOME UNCOMMON, COLLECTED FROM THE LOWER MINNESOTA RIVER. *J. Minn. Acad. Sci.* 44 (3): 7-12. 1978. SFA 24(2)

71-008275 Wilk, S. J. and Silverman, M. J. FISH AND HYDROGRAPHIC COLLECTIONS MADE BY THE RESEARCH VESSELS /DOLPHIN/ AND /DELAWARE II/ DURING 1968-72 FROM NEW YORK TO FLORIDA. *NOAA Tech. Rep. NMFS SSRF* 697. iii + 159p. Jan. 1976. SFA 21(1).

71-008276 Wilk, S. J. and Silverman, M. J. SUMMER BENTHIC FISH FAUNA OF SANDY HOOK BAY, NEW JERSEY. *NOAA Tech. Rep. NMFS SSRF* 698. iv + 16p. Jan. 1976. SFA 21(1).

71-008277 Wilk, S. J.; Morse, W. W.; Ralph, D. E. and Azarovitz, T. R. FISHES AND ASSOCIATED ENVIRONMENTAL DATA COLLECTED IN NEW YORK BIGHT, JUNE 1974-JUNE 1975. *NOAA Tech. Rep. NMFS SSRF* 716. iii + 53p. Sept. 1977. SFA 23(1)

71-008278 Wilkens, H. REDUKTIONSGRAD UND PHYLOGENETISCHES ALTER: EIN BEITRAG ZUR BESIEDLUNGSGESCHICHTE DER LIMNOFAUNA YUKATANS. [REGRESSIVE EVOLUTION AND PHYLOGENETIC AGE: THE HISTORY OF COLONIZATION OF FRESHWATERS OF YUCATAN BY FISH AND CRUSTACEA.] *Z. Zool. Syst. Evolutionsforsch.* 17(4):262-272. Dec. 1979. In German with English summ. SFA 25(2)

71-008279 Willan, R. C.; J. M. Dollimore and J. Nicholson. A SURVEY OF FISH POPULATIONS AT KARIKARI PENINSULA, NORTHLAND, BY SCUBA DIVING. *N.Z. Mar. Freshwater Res.* 13(3):447-458. 1979. SFA 25(2)

71-008280 Williams, J. C. COMMERCIAL FISHERY INVESTIGATIONS OF THE KENTUCKY RIVER. PART I: FISH POPULATION STUDIES AND MUSSEL BED SURVEYS. *Ky. Dep. Fish Wildl. Resour.* Proj. No. 2-186-R, Jobs 1 & 2. iv + 64p. Jan. 1975. SFA 21(1).

71-008281 Wilson, D. E. and G. W. Hughes. THE FIRST RECORD OF THE BROWN CAT SHARK, *APRISTURUS BRUNNEUS* (GILBERT, 1891) FROM ALASKAN WATERS. *Syesis* 11:283. 1978. SFA 25(2)

71-008282 Winkler, P. ECOLOGY OF A WARM SPRING IN SOUTHERN ARIZONA. *J. Ariz. Acad. Sci.* 11 (3): 105-113. Oct. 1976. SFA 23(4)

71-008283 Winstanley, R. H. RESULTS OF OTTER TRAWLING BY THE F.V. /BATTLE AXE/ IN CENTRAL VICTORIAN COASTAL WATERS. *Victoria Fish. Wildl. Pap.* No. 18. 17p. Jan. 1979. SFA 24(3)

71-008284 Winterbottom, R. RANGE EXTENSIONS AND ADDITIONS TO THE SOUTH AFRICAN MARINE ICHTHYOFAUNA, WITH THE DESCRIPTION OF A NEW SPECIES OF CONGROGADID FROM KWAZULU. *Zool. Afr.* 13 (1): 41-56. 1978. SFA 24(1)

71-008285 Wydoski, R. S. and R. R. Whitney. INLAND FISHES OF WASHINGTON. *Univ. Wash. Press, Seattle* xxxii + 220p. 1979. SFA 25(2)

71-008286 Yaremenko, V. V. and Budayeva, V. D. ON THE PENETRATION OF WARM-WATER FISHES INTO THE WATERS OF SOUTH-WESTERN SAKHALIN IN 1975. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(2):323-324. 1977. SFA 23(3)

71-008287 Yasui, M. and Inoue, M. OCEANOGRAPHIC FACTORS RELATED TO SKIPJACK FISHING CONDITIONS IN THE KINAN AND IZU REGIONS. *Bull. Jpn. Soc. Sci. Fish.* 43(9):1059-1067. Sept. 1977. SFA 23(1)

71-008288 Yeager, B. E. and Beadles, J. K. FISHES OF THE CANE CREEK WATERSHED IN SOUTHEAST MISSOURI AND NORTHEAST ARKANSAS. *Proc. Ark. Acad. Sci.* 30: 100-104. 1976. SFA 22(3)

71-008289 Yerger, R. W. FISHES OF THE APALACHICOLA RIVER. *Fla. Mar. Res. Publ.* No. 26. p. 22-33. Apr. 1977. SFA 23(1)

71-008290 Young, B. H. CUBERA SNAPPER FROM NEW YORK WATERS. *N.Y. Fish Game J.* 25 (1): 84-85. Jan. 1978. SFA 23(2)

71-008291 Zawacki, C. S. and Briggs, P. T. FISH INVESTIGATIONS IN LONG ISLAND SOUND AT A NUCLEAR POWER STATION SITE AT SHOREHAM, NEW YORK. *N.Y. Fish Game J.* 23(1):34-50. Jan. 1976. SFA21(1).

71-008292 Zhakov, L. A. THE COMPOSITION SUCCESSIONS OF LAKE ICHTHYOCOENOSES IN RELATION TO THE SPECIFIC FEATURES OF FAUNISTIC COMPLEXES OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):208-218. 1974. SFA 21(2).

71-008293 Zuck, W. H. and R. F. Denoncourt. FISHES OF THE YELLOW BREECHES CREEK BRAINAGE, CUMBERLAND AND YORK COUNTIES, PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 53(2):161-168. 1979. SFA 25(3)

ABUNDANCE, FACTORS OF; SURVIVAL AND MORTALITY

71-008294 Aggus, L. R. and Elliott, G. V. EFFECTS OF COVER AND FOOD ON YEAR-CLASS STRENGTH OF LARGEMOUTH BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 317-322. 1975. SFA 21(3).

71-008295 Albin, D. P. FIRE AND STREAM ECOLOGY IN SOME YELLOWSTONE LAKE TRIBUTARIES. *Calif. Fish Game* 65(4):216-238. Oct. 1979. SFA 25(1)

71-008296 Ali Khan, J. and Hempel, G. RELATION OF FISH LARVAE AND ZOOPLANKTON BIOMASS IN THE GULF OF ADEN. *Mar. Biol.* 28(4):311-316. 31 Dec. 1974. SFA 22(2)

71-008297 Anthony, D. D. and Jorgensen, C. R. FACTORS IN THE DECLINING CONTRIBUTIONS OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) TO THE FISHERY OF LAKE NIPISSING, ONTARIO, 1960-76. *J. Fish. Res. Board Can.* 34(10):1703-1709. Oct. 1977. In English with French summ. SFA 23(1)

71-008298 Arthur, D. K. DISTRUBITION, SIZE, AND ABUNDANCE OF MICROCOPEPODS IN THE CALIFORNIA CURRENT SYSTEM AND THEIR POSSIBLE INFLUENCE ON SURVIVAL OF MARINE TELEOST LARVAE. *NOAA Fish. Bull.* 75(3):601-611. July 1977. SFA 23(1)

71-008299 Avedikova, T. M. REASONS FOR THE VARIABILITY IN SOME BIOLOGICAL PARAMETERS OF THE SEMI-DIADROMOUS FISH POPULATIONS OF THE SEA OF AZOV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):380-386. 1976. SFA 22(4)

71-008300 Avery, E. L. FACTORS INFLUENCING REPRODUCITON OF BROWN TROUT ABOVE AND BELOW A FLOOD WATER DETENTION DAM ON TROUT CREEK, WISCONSIN. *Wis. Dep. Nat. Resour. Res. Rep.* 106. 26p. 1980. SFA 25(4)

71-008301 Bagenal, T. B. EFFECTS OF FISHERIES ON EURASIAN PERCH (/PERCA FLUVIATILIS/) IN WINDERMERE. *J. Fish. Res. Board Can.* 34(10):1764-1768. Oct. 1977. In English with French summ. SFA 23(1)

71-008302 Bailey, W. M. A COMPARISON OF FISH POPULATIONS BEFORE AND AFTER EXTENSIVE GRASS CARP STOCKING. *Trans. Am. Fish. Soc.* 107(1):181-206. Jan. 1978. SFA 23(3)

71-008303 Berenbeym, D. Ya. and Shapiro, L. S. THE INFLUENCE OF HYDROLOGIC FACTORS ON SIZE OF CATCHES OF THE BALTIC HERRING, /CLUPEA HARENGUS MEMBRAS/ FROM VISTULA BAY IN THE BALTIC SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(5):817-820. 1978. SFA 24(1)

71-008304 Bernard, D. R. A TEST OF THE VARIABLE NATURE OF DENSITY-DEPENDENT MORTALITY IN FISH POPULATIONS. *Ph.D. dissertation, Va. Polytech. Inst. State Univ.* 213p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5209. May 1979. SFA 24(3)

71-008305 Biro, P. EFFECTS OF EXPLOITATION, INTRODUCTIONS, AND EUTROPHICATION ON PERCIDS IN LAKE BALATON. *J. Fish. Res. Board Can.* 34(10):1678-1683. Oct. 1977. In English with French summ. SFA 23(1)

71-008306 Black, G. THE STATUS OF THE DESERT PUPFISH, *CYPRINODON MACULARIUS*, AT THE SALTON SEA, CALIFORNIA. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:31-32. 30 Jan. 1980. Abstract only. SFA 25(3)

71-008307 Blinov, V. V. THE CONNECTION BETWEEN THE NATURAL MORTALITY AND REPRODUCTION OF FOOD FISHES AND MODELING OF THE PROCESSES INVOLVED. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):1033-1036. 1976. SFA 23(3)

71-008308 Borawa, J. C.; J. H. Kerby; M. T. Huish and A. W. Mullis. CURRITUCK SOUND FISH POPULATIONS BEFORE AND AFTER INFESTATION BY EURASIAN WATER-MILFOIL. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:520-528. 1978[1979]. SFA 25(2)

71-008309 Borisov, V. M. RESULTS OF THE APPLICATION OF P.V. TYURIN'S METHOD FOR THE DETERMINATION OF NATURAL MORTALITY IN THE ARCTIC-NORWEGIAN COD /GADUS MORHUA MORHUA/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 805-813. 1976. SFA 23(2)

71-008310 Bryantsev, V. A. and Kostyuchenko, V. A. ABIOTIC INDICES OF THE ABUNDANCE OF THE BLACK SEA SCAD, /TRACHURUS MEDITERRANEUS PONTICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 959-961. 1977. SFA 24(1)

71-008311 Bullock, L. H. and Smith, G. B. IMPACT OF WINTER COLD FRONTS UPON SHALLOW-WATER REEF COMMUNITIES OFF WEST-CENTRAL FLORIDA. *Fla. Sci.* 42 (3): 169-172. 1979. SFA 24(3)

71-008312 Burnet, A. M. R. and Wallace, D. A. EUTROPHICATION AND THE TROUT ENVIRONMENT. *N.Z. Minist. Agric. Fish. Fish. Res. Publ.* No. 241. 6p. 1975. SFA 21(1).

71-008313 Burrough, R. J.; P. R. Bregazzi and C. R. Kennedy. INTERSPECIFIC DOMINANCE AMONGST THREE SPECIES OF COARSE FISH IN SLAPTON LEY, DEVON. *J. Fish Biol.* 15(5):535-544. Nov. 1979. SFA 25(2)

71-008314 Chevalier, J. R. CHANGES IN WALLEYE (/STIZOSTEDION VITREUM VITREUM/) POPULATION IN RAINY LAKE AND FACTORS IN ABUNDANCE, 1924-75. *J. Fish. Res. Board Can.* 34(10):1696-1702. Oct. 1977. In English with French summ. SFA 23(1)

71-008315 Chistobayeva, R. Ye. NATURAL REPRODUCTION OF THE PECHORA SALMON, /SALMO SALAR/, IN RELATION TO A SUSTAINED YIELD FISHERY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):154-160. 1977. SFA 23(3)

71-008316 Clady, M. D. CHANGE IN ABUNDANCE OF INSHORE FISHES IN ONEIDA LAKE, 1916 TO 1970. *N.Y. Fish Game J.* 23(1):73-81. Jan. 1976. SFA 21(1).

71-008317 Clady, M. D. CRUSTACEAN ZOOPLANKTON POPULATIONS AND CONCURRENT SURVIVAL OF LARVAL YELLOW PERCH IN ONEIDA LAKE. *N.Y. Fish Game J.* 24(1):46-52. Jan. 1977. SFA 22(2)

71-008318 Clady, M. D. DECLINE IN ABUNDANCE AND SURVIVAL OF THREE BENTHIC FISHES IN RELATION TO REDUCED OXYGEN LEVELS IN A EUTROPHIC LAKE. *Am. Midl. Nat.* 97(2):419-432. Apr. 1977. SFA 22(3)

71-008319 Clady, M. D. INFLUENCE OF TEMPERATURE AND WIND ON THE SURVIVAL OF EARLY STAGES OF YELLOW PERCH, /PERCA FLAVESCENS/. *J. Fish. Res. Board Can.* 33(9):1887-1893. Sept. 1976. In English with French summ. SFA 21(3).

71-008320 Cloern, J. E. THE SURVIVAL OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) EGGS IN TWO WISCONSIN TRIBUTARIES OF LAKE MICHIGAN. *Am. Midl. Nat.* 96 (2): 451-461. Oct. 1976. SFA 21(4)

71-008321 Coffin, P. IMPACTS OF THE 1976-77 DROUGHT ON NORTHERN NEVADA FISHERIES. *Cal-Neva Wildl. Trans.* p. 7-13. 1978. SFA 24(3)

71-008322 Dahlberg, M. D. A REVIEW OF SURVIVAL RATES OF FISH EGGS AND LARVAE IN RELATION TO IMPACT ASSESSMENTS. *Mar. Fish. Rev.* 41 (3): 1-12. Mar. 1979. SFA 24(4)

71-008323 Dahlgren, B. T. INFLUENCES OF POPULATION DENSITY ON REPRODUCTIVE OUTPUT AT FOOD EXCESS IN THE GUPPY, *POECILIA RETICULATA* (PETERS). *Biol. Reprod.* 22(5):1047-1061. June 1980. SFA 25(3)

71-008324 Davis, J. R. DIE-OFFS OF AN ENDANGERED PUPFISH, /CYPRINODON ELEGANS/ (CYPRINODONTIDAE). *Southwest. Nat.* 24(3):534-536. 15 Sept. 1979. SFA 25(1)

71-008325 Dekhnik, T. V. and Sinyukova, V. I. SURVIVAL OF MARINE FISH LARVAE IN RELATION TO FOOD AVAILABILITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):294-302. 1976. SFA 22(3)

71-008326 Dow, R. L. EFFECTS OF CLIMATIC CYCLES ON THE RELATIVE ABUNDANCE AND AVAILABILITY OF COMMERCIAL MARINE AND ESTUARINE SPECIES. *J. Cons. Cons. Int. Explor. Mer* 37(3):274-280. Sept. 1977. SFA 23(2)

71-008327 Eipper, A. W. ENVIRONMENTAL INFLUENCES ON THE MORTALITY OF BASS EMBRYOS AND LARVAE. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 295-305. 1975. SFA 21(3).

71-008328 Eldon, G. A.; Howden, P. J. and Howden, D. B. REDUCTION OF A POPULATION OF CANTERBURY MUDFISH, /NEOCHANNA BURROWSIUS/ (GALAXIIDAE), BY DROUGHT. *N.Z. Mar. Freshwater Res.* 12(4):313-321. Dec. 1978. SFA 24(4)

71-008329 Eldridge, M. B.; King, D. J.; Eng, D. and Bowers, M. J. ROLE OF THE OIL GLOBULE IN SURVIVAL AND GROWTH OF STRIPED BASS (/MORONE SAXATILIS/) LARVAE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:303-313. July 1977. SFA 23(3)

71-008330 Eley, R. L.; Randolph, J. C. and Miller, R. J. CURRENT STATUS OF THE LEOPARD DARTER, /PERCINA PANTHERINA/. *Southwest. Nat.* 20 (3): 343-354. 10 Oct. 1975. SFA 22(2)

71-008331 Enk, M. D. INSTREAM OVERHEAD BANK COVER AND TROUT ABUNDANCE IN TWO MICHIGAN STREAMS. *M.S. thesis, Mich. State Univ.* 141p. 1977. From Masters Abstr. 16(3):141. Sept. 1978. SFA 24(2)

71-008332 Entz, B. ENVIRONMENTAL CONDITIONS OF PERCID WATERS IN CENTRAL EUROPE. *J. Fish. Res. Board Can.* 34 (10): 1586-1591. Oct. 1977. In English with French summ. SFA 23(1)

71-008333 Eshenroder, R. L. EFFECTS OF INTENSIFIED FISHING, SPECIES CHANGES, AND SPRING WATER TEMPERATURES ON YELLOW PERCH, /PERCA FLAVESCENS/, IN SAGINAW BAY. *J. Fish. Res. Board Can.* 34(10):1830-1838. Oct. 1977. In English with French summ. SFA 23(1)

71-008334 Febinger, D. L. EFFECTS OF WINTER CONDITONS ON FISH POPULATIONS IN LEFT-HAND CREEK, COLORADO: A PRELIMINARY REPORT. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:5-9. 1980. SFA 25(4)

71-008335 Follett, W. I. and Ainley, D. G. FISHES COLLECTED BY PIGEON GUILLEMOTS, /CEPPHUS COLUMBA/ (PALLAS), NESTING ON SOUTHEAST FARALLON ISLAND, CALIFORNIA. *Calif. Fish Game* 62(1):28-31. Jan. 1976. SFA 21(1).

71-008336 Forester, T. S. and Lawrence, J. M. EFFECTS OF GRASS CARP AND CARP ON POPULATIONS OF BLUEGILL AND LARGEMOUTH BASS IN PONDS. *Trans. Am. Fish. Soc.* 107(1):172-175. Jan. 1978. SFA 23(3)

71-008337 Forney, J. L. EVIDENCE OF INTER- AND INTRASPECIFIC COMPETITION AS FACTORS REGULATING WALLEYE (/STIZOSTEDION VITREUM VITREUM/) BIOMASS IN ONEIDA LAKE, NEW YORK. *J. Fish. Res. Board Can.* 34(10):1812-1820. Oct. 1977. In English with French summ. SFA 23(1)

71-008338 Forney, J. L. YEAR-CLASS FORMATION IN THE WALLEYE (/STIZOSTEDION VITREUM VITREUM/) POPULATION OF ONEIDA LAKE, NEW YORK, 1966-73. *J. Fish. Res. Board Can.* 33(4,1):783-792. Apr. 1976. In English with French summ. SFA 21(2).

71-008339 Gascon, D. and Leggett, W. C. DISTRIBUTION, ABUNDANCE, AND RESOURCE UTILIZATION OF LITTORAL ZONE FISHES IN RESPONSE TO A NUTRIENT/PRODUCTION GRADIENT IN LAKE MEMPHREMAGOG. *J. Fish. Res. Board Can.* 34(8):1105-1117. Aug. 1977. In English with French summ. SFA 22(4)

71-008340 Gee, A. S.; Milner, N. J. and Hemsworth, R. J. THE EFFECT OF DENSITY ON MORTALITY IN JUVENILE ATLANTIC SALMON (/SALMO SALAR/). *J. Anim. Ecol.* 47 (2): 497-505. June 1978. SFA 23(4)

71-008341 Geer, W. H. ASPECTS OF THE LIMNOLOGY OF JOES VALLEY RESERVOIR RELATING TO TROPHIC CONDITIONS AND FISH PRODUCTION CAPACITY. *Utah State Div. Wildl. Resour. Publ.* No. 78-14. vii + 51p. 1978. SFA 24(2)

71-008342 Grainger, R. J. R. HERRING ABUNDANCE OFF THE WEST OF IRELAND IN RELATION TO OCEANOGRAPHIC VARIATION. *J. Cons. Cons. Int. Explor. Mer* 38(2):180-188. Nov. 1978. SFA 24(2)

71-008343 Guillory, V. A GRAPHICAL METHOD TO ASSESS FAUNAL DOMINANCE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:563-564. 1977[1979]. SFA 24(4)

71-008344 Hager, R. C. and Noble, R. E. RELATION OF SIZE AT RELEASE OF HATCHERY-REARED COHO SALMON TO AGE, SIZE, AND SEX COMPOSITION OF RETURNING ADULTS. *Prog. Fish-Cult.* 38 (3): 144-147. July 1976. SFA 21(4)

71-008345 Halling, F. AUTUMN-SPAWNING HERRING LARVAE AND THE ABUNDANCE OF COPEPODS OFF THE ALAND ISLANDS IN SEPTEMBER-NOVEMBER 1977. *Int. Counc. Explor. Sea* C.M. 1978/J:20. 9p. 1978. In English with French summ. SFA 24(3)

71-008346 Harrell, H. L. RESPONSE OF THE DEVIL'S RIVER (TEXAS) FISH COMMUNITY TO FLOODING. *Copeia* 1978 (1): 60-68. 10 Feb. 1978. SFA 23(2)

71-008347 Hartmann, J. and Numann, W. PERCIDS OF LAKE CONSTANCE, A LAKE UNDERGOING EUTROPHICATION. *J. Fish. Res. Board Can.* 34(10):1670-1677. Oct. 1977. In English with French summ. SFA 23(1)

71-008348 Hayman, R. A. and A. V. Tyler. ENVIRONMENT AND COHORT STRENGTH OF DOVER SOLE AND ENGLISH SOLE. *Trans. Am. Fish. Soc.* 109(1):54-70. Jan. 1980. SFA 25(2)

71-008349 Heard, W. R. PROBABLE CASE OF STREAMBED OVERSEEDING--1967 PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, SPAWNERS AND SURVIVAL OF THEIR PROGENY IN SASHIN CREEK, SOUTHEASTERN ALASKA. *NOAA Fish. Bull.* 76(3):569-582. July 1978. SFA 24(1)

71-008350 Hickey, G. M. SURVIVAL OF FISH LARVAE AFTER INJURY. *J. Exp. Mar. Biol. Ecol.* 37 (1): 1-17. 22 Feb. 1979. SFA 24(3)

71-008351 Hinton, R. N. DROUGHT IMPACTS ON FISH, WILDLIFE, AND RECREATION IN NORTHERN CALIFORNIA. *Cal-Neva Wildl. Trans.* p. 1-6. 1978. SFA 24(3)

71-008352 Hokanson, K. E. F.; Kleiner, C. F. and Thorslund, T. W. EFFECTS OF CONSTANT TEMPERATURES AND DIEL TEMPERATURE FLUCTUATIONS ON SPECIFIC GROWTH AND MORTALITY RATES AND YIELD OF JUVENILE RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 34(5):639-648. May 1977. In English with French summ. SFA 22(3)

71-008353 Holcik, J. CHANGES IN FISH COMMUNITY OF KLICAVA RESERVOIR WITH PARTICULAR REFERENCE TO EURASIAN PERCH (/PERCA FLUVIATILIS/), 1957-72. *J. Fish. Res. Board Can.* 34(10):1734-1747. Oct. 1977. In English with French summ. SFA 23(1)

71-008354 Hubbs, C. THE SOLUTION TO THE *CYPRINODON BOVINUS* PROBLEM: ERADICATION OF A PUPFISH GENOME. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:9-18. 30 Jan. 1980. SFA 25(3)

71-008355 Hughes, R. M. TEMPERATURE, INTERSPECIFIC COMPETITION, AND THE PRODUCTION OF JUVENILE SALMONIDS IN EXPERIMENTAL STREAM COMMUNITIES. *Ph.D. dissertation, Oreg. State Univ.* 104p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(2):573. Aug. 1979. SFA 24(4)

71-008356 Hunter, J. R., (ed.). REPORT OF A COLLOQUIUM ON LARVAL FISH MORTALITY STUDIES AND THEIR RELATION TO FISHERY RESEARCH, JANUARY 1975. *NOAA Tech. Rep. NMFS Circ.* 395. iii + 5p. May 1976. SFA 21(2).

71-008357 Hurley, D. A. and Christie, W. J. DEPRECIATION OF THE WARMWATER FISH COMMUNITY IN THE BAY OF QUINTE, LAKE ONTARIO. *J. Fish. Res. Board Can.* 34(10):1849-1860. Oct. 1977. In English with French summ. SFA 23(1)

71-008358 Jackson, P. D. and W. D. Williams. EFFECTS OF BROWN TROUT, *SALMO TRUTTA* L., ON THE DISTRIBUTION OF SOME NATIVE FISHES IN THREE AREAS OF SOUTHERN VICTORIA. *Aust. J. Mar. Freshwater Res.* 31(1):61-67. Mar. 1980. SFA 25(4)

71-008359 Johnson, F. H. and Hale, J. G. INTERRELATIONS BETWEEN WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/) IN FOUR NORTHEASTERN MINNESOTA LAKES, 1948-69. *J. Fish. Res. Board Can.* 34(10):1626-1632. Oct. 1977. In English with French summ. SFA 23(1)

71-008360 Johnson, M. G.; Leach, J. H.; Minns, C. K. and Olver, C. H. LIMNOLOGICAL CHARACTERISTICS OF ONTARIO LAKES IN RELATION TO ASSOCIATIONS OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/), NORTHERN PIKE (/ESOX LUCIUS/), LAKE TROUT (/SALVELINUS NAMAYCUSH/), AND SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/). *J. Fish. Res. Board Can.* 34(10):1592-1601. Oct. 1977. In English with French summ. SFA 23(1)

71-008361 Jones, D. and Clare, J. ANNUAL AND LONG-TERM FLUCTUATIONS IN THE ABUNDANCE OF FISH SPECIES INHABITING AN INTERTIDAL MUSSEL BED IN MORECAMBE BAY, LANCASHIRE. *Zool. J. Linn. Soc.* 60(2):117-172. Mar. 1977. SFA 22(3)

71-008362 Jorgensen, C. B. AUGUST PUTTER, AUGUST KROGH, AND MODERN IDEAS ON THE USE OF DISSOLVED ORGANIC MATTER IN AQUATIC ENVIRONMENTS. *Biol. Rev. (Camb.)* 51 (3): 291-328. Aug. 1976. SFA 22(3)

71-008363 Kilgen, R. H. GROWTH OF CHANNEL CATFISH AND STRIPED BASS IN SMALL PONDS STOCKED WITH GRASS CARP AND WATER HYACINTHS. *Trans. Am. Fish. Soc.* 107(1):176-180. Jan. 1978. SFA 23(3)

71-008364 King, T. A.; Davies, W. D. and Shelton, W. L. FISHING AND NATURAL MORTALITY: EFFECTS ON THE INITIAL YEAR CLASS OF LARGEMOUTH BASS IN WEST POINT RESERVOIR, ALABAMA-GEORGIA. *Trans. Am. Fish. Soc.* 108 (2): 150-155. Mar. 1979. SFA 24(4)

71-008365 Kirksunov, Ye. A. and M. I. Shatunovskiy. SOME QUESTIONS OF POPULATION STRUCTURE VARIABILITY IN THE SMELT, *OSMERUS EPERLANUS. J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):48-55. 1979. SFA 25(3)

71-008366 Koonce, J. F.; Bagenal, T. B.; Carline, R. F.; Hokanson, K. E. F. and Nagiec, M. FACTORS INFLUENCING YEAR-CLASS STRENGTH OF PERCIDS: A SUMMARY AND A MODEL OF TEMPERATURE EFFECTS. *J. Fish. Res. Board Can.* 34 (10): 1900-1909. Oct. 1977. In English with French summ. SFA 23(1)

71-008367 Koski, K. V. THE SURVIVAL AND FITNESS OF TWO STOCKS OF CHUM SALMON (/ONCORHYNCHUS KETA/) FROM EGG DEPOSITION TO EMERGENCE IN A CONTROLLED-STREAM ENVIRONMENT AT BIG BEEF CREEK. *Ph. D. dissertation, Univ. Wash.* 230p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-008368 Krokhin, Ye. M. and F. V. Krogius. PERIODIC FLUCTUATIONS IN THE LAKE DAL'NEYE ECOSYSTEM AND THEIR CONNECTION WITH SOLAR ACTIVITY RHYTHMS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):1-7. 1979. SFA 25(3)

71-008369 Krykhtin, K. L. CAUSES OF PERIODIC FLUCTUATIONS IN THE ABUNDANCE OF THE NON-ANADROMOUS FISHES OF THE AMUR RIVER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(5):826-829. 1975. SFA 22(1)

71-008370 Kushlan, J. A. ENVIRONMENTAL STABILITY AND FISH COMMUNITY DIVERSITY. *Ecology* 57(4):821-825. 1975. SFA 22(1)

71-008371 Kushnarenko, A. I. and Sibirtsev, G. G. FEATURES OF THE DISTRIBUTION AND ABUNDANCE OF THE CASPIAN ROACH, /RUTILUS RUTILUS CASPICUS/, THE BREAM, /ABRAMIS BRAMA/, AND THE PIKE-PERCH, /LUCIOPERCA LUCIOPERCA/, IN THE NORTHERN CASPIAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):377-385. 1978. SFA 25(1)

71-008372 Kuznetsov, V. A. ENVIRONMENTAL FACTORS AND INDICATORS OF ABUNDANCE OF THE YOUNG OF SOME FRESHWATER FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):400-408. 1975. SFA 21(4)

71-008373 Kuznetsov, V. A. THE ADAPTIVE SIGNIFICANCE OF CHANGES IN THE QUALITY OF THE EGGS AND OF FECUNDITY IN THE REPRODUCTION OF A POPULATION OF SICHEL (/PELECUS CULTRATUS/). *J. Ichtyhol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):539-544. 1974. SFA 21(2).

71-008374 Kynard, B. E. POPULATION DECLINE AND CHANGE IN FREQUENCIES OF LATERAL PLATES IN THREESPINE STICKLEBACKS (/GASTEROSTEUS ACULEATUS/). *Copeia* 1979(4):635-638. 28 Nov. 1979. SFA 25(1)

71-008375 Larimore, R. W. VISUAL AND TACTILE ORIENTATION OF SMALLMOUTH BASS FRY UNDER FLOODWATER CONDITIONS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 323-332. 1975. SFA 21(3).

71-008376 Larsen, K. STUDIES ON THE BIOLOGY OF DANISH STREAM FISHES. III. ON SEASONAL FLUCTUATIONS IN THE STOCK DENSITY OF YELLOW EEL IN SHALLOW STREAM BIOTOPES, AND THEIR CAUSES. *Medd. Dan. Fisk.- Havunders.* 7:23-46. 1972. SFA 24(2)

71-008377 Lasker, R. and Smith, P. E. ESTIMATION OF THE EFFECTS OF ENVIRONMENTAL VARIATIONS ON THE EGGS AND LARVAE OF THE NORTHERN ANCHOVY. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:128-137. Oct. 1977. SFA 24(3)

71-008378 Latif, A. F. A. and Khallaf, E. S. A. MORTALITY RATES OF /LATES NILOTICUS/, L. IN LAKE NASSER. *Hydrobiologia* 50 (1): 27-32. July 1976. SFA 21(4)

71-008379 Laurence, G. C. A BIOENERGETIC MODEL FOR THE ANALYSIS OF FEEDING AND SURVIVAL POTENTIAL OF WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/, LARVAE DURING THE PERIOD FROM HATCHING TO METAMORPHOSIS. *NOAA Fish. Bull.* 75(3):529-546. July 1977. SFA 23(1)

71-008380 Leach, J. H.; Johnson, M. G.; Kelso, J. R. M.; Hartmann, J.; Numann, W. and Entz, B. RESPONSES OF PERCID FISHES AND THEIR HABITATS TO EUTROPHICATION. *J. Fish. Res. Board Can.* 34 (10): 1964-1971. Oct. 1977. In English with French summ. SFA 23(1)

71-008381 Lewis, G. E. THREADFIN SHAD OVERWINTER IN A WEST VIRGINIA RESERVOIR. *Prog. Fish-Cult.* 39 (1): 32. Jan. 1977. SFA 22(2)

71-008382 Lind, E. A. A REVIEW OF PIKEPERCH (/STIZOSTEDION LUCIOPERCA/), EURASIAN PERCH (/PERCA FLUVIATILIS/), AND RUFF (/GYMNOCEPHALUS CERNUA/) IN FINLAND. *J. Fish. Res. Board Can.* 34(10):1684-1695. Oct. 1977. In English with French summ. SFA 23(1)

71-008383 Llorca, M. N. PHYSICO-CHEMICAL OBSERVATIONS IN SOME PILOT AREAS DURING THE PEAK SEASON OF BANGUS FRY, /CHANOS CHANOS/ IN VISAYAN PROVINCES. *Philipp. J. Fish.* 14(2):236-257. July-Dec. 1976. SFA 23(3)

71-008384 MacCall, A. THE MORTALITY RATE OF /ENGRAULIS MORDAX/ IN SOUTHERN CALIFORNIA. *Calif. Coop. Oceanic Fish. Invest. Rep.* 17:131-135. Oct. 1974. SFA 21(1).

71-008385 MacLean, J. and Magnuson, J. J. SPECIES INTERACTIONS IN PERCID COMMUNITIES. *J. Fish. Res. Board Can.* 34 (10): 1941-1951. Oct. 1977. In English with French summ. SFA 23(1)

71-008386 Markevich, N. B. SOME MORPHOPHYSIOLOGICAL INDICES OF THE SILVERSIDE, /ATHERINA MOCHON PONTICA/, IN THE ARAL SEA IN CONNECTION WITH THE AGE STRUCTURE OF ITS POPULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(4):618-626. 1977. SFA 23(4)

71-008387 Mathews, S. B. and Buckley, R. MARINE MORTALITY OF PUGET SOUND COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 33 (8): 1677-1684. Aug. 1976. In English with French summ. SFA 21(3).

71-008388 Matthews, W. J. and Maness, J. D. CRITICAL THERMAL MAXIMA, OXYGEN TOLERANCES AND SUCCESS OF CYPRINID FISHES IN A SOUTHWESTERN RIVER. *Am. Midl. Nat.* 102(2):374-377. Oct. 1979. SFA 25(1)

71-008389 Mearns, A. J. and Smith, L. BENTHIC OCEANOGRAPHY AND THE DISTRIBUTION OF BOTTOM FISH OFF LOS ANGELES. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:118-124. May 1976. SFA 22(3)

71-008390 Miller, P. E. EXPERIMENTAL STUDY AND MODELING OF STRIPED BASS EGG AND LARVAL MORTALITY. *Ph.D. dissertation, Johns Hopkins Univ.* 109p. 1977. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-008391 Moyle, P. B. IN DEFENSE OF SCULPINS. *Fisheries (Bull. Am. Fish. Soc.)* 2 (1): 20-23. Jan.-Feb. 1977. SFA 22(3)

71-008392 Nagiec, M. PIKEPERCH (/STIZOSTEDION LUCIOPERCA/) IN ITS NATURAL HABITATS IN POLAND. *J. Fish. Res. Board Can.* 34(10):1581-1585. Oct. 1977. In English with French summ. SFA 23(1)

71-008393 Naiman, R. J. DESERT FISHES AND THE AQUATIC HABITAT: AN ECOSYSTEM APPROACH. *Bull. Ecol. Soc. Am.* 61(2):104. June 1980. Abstract only. SFA 25(4)

71-008394 Noble, R. L.; Germany, R. D. and Hall, C. R. INTERACTIONS OF BLUE TILAPIA AND LARGEMOUTH BASS IN A POWER PLANT COOLING RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:247-251. 1975[1976]. SFA 22(3)

71-008395 Oglesby, R. T. RELATIONSHIPS OF FISH YIELD TO LAKE PHYTOPLANKTON STANDING CROP, PRODUCTION, AND MORPHOEDAPHIC FACTORS. *J. Fish. Res. Board Can.* 34(12):2271-2279. Dec. 1977. In English with French summ. SFA 23(2)

71-008396 Oliver, J. D.; Holeton, G. F. and Chua, K. E. OVERWINTER MORTALITY OF FINGERLING SMALLMOUTH BASS IN RELATION TO SIZE, RELATIVE ENERGY STORES, AND ENVIRONMENTAL TEMPERATURE. *Trans. Am. Fish. Soc.* 108 (2): 130-136. Mar. 1979. SFA 24(4)

71-008397 Pavlovskaya, R. M. FACTORS DETERMINING THE PRODUCTIVITY OF GENERATIONS OF PELAGOPHILIC SUMMER-SPAWNING FISHES OF THE BLACK SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):570-578. 1975. SFA 21(3).

71-008398 Peterman, R. M. TESTING FOR DENSITY-DEPENDENT MARINE SURVIVAL IN PACIFIC SALMONIDS. *J. Fish. Res. Board Can.* 35 (11): 1434-1450. Nov. 1978. In English with French summ. SFA 24(1)

71-008399 Pflieger, W. L. REPRODUCTION AND SURVIVAL OF THE SMALLMOUTH BASS IN COURTOIS CREEK. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 231-239. 1975. SFA 21(3).

71-008400 Pivnicka, K. and Svatora, M. FACTORS AFFECTING THE SHIFT IN PREDOMINANCE FROM EURASIAN PERCH (/PERCA FLUVIATILIS/) TO ROACH (/RUTILUS RUTILUS/) IN THE KLICAVA RESERVOIR, CZECHOSLOVAKIA. *J. Fish. Res. Board Can.* 34(10):1571-1575. Oct. 1977. In English with French summ. SFA 23(1)

71-008401 Platts, W. S. RELATIONSHIPS AMONG STREAM ORDER, FISH POPULATIONS, AND AQUATIC GEOMORPHOLOGY IN AN IDAHO RIVER DRAINAGE. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):5-9. Mar.-Apr. 1979. SFA 24(4)

71-008402 Prikhod'ko, B. I. RELATIONSHIP BETWEEN ABUNDANCE OF YOUNG CASPIAN "ANCHOVY KILKA", *CLUPEONELLA ENGRAULIFORMIS*, AND WATER TEMPERATURE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):86-95. 1979. SFA 25(4)

71-008403 Primbs, E. R. J. and Platts, W. S. COLONIZATION OF THE SOUTH FORK OF THE SALMON RIVER BY THE COLUMBIA SCULPIN (/COTTUS HUBBSI/). *J. Idaho Acad. Sci.* 12(1):47-49. 1976. SFA 21(4)

71-008404 Rahel, F. J. and J. J. Magnuson. pH AND FISH SPECIES RICHNESS IN BOG LAKES. *Bull. Ecol. Soc. Am.* 61(2):87. June 1980. Abstract only. SFA 25(4)

71-008405 Rainwater, W. C. and Houser, A. RELATION OF PHYSICAL AND BIOLOGICAL VARIABLES TO BLACK BASS CROPS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 306-309. 1975. SFA 21(3).

71-008406 Reiser, D. W. and Wesche, T. A. /IN SITU/ FREEZING AS A CAUSE OF MORTALITY IN BROWN TROUT EGGS. *Prog. Fish-Cult.* 41 (2): 58-60. Apr. 1979. SFA 24(3)

71-008407 Richards, J. S. CHANGES IN FISH SPECIES COMPOSITION IN THE AU SABLE RIVER, MICHIGAN FROM THE 1920'S TO 1972. *Trans. Am. Fish. Soc.* 105(1):32-40. Jan. 1976. SFA 21(1).

71-008408 Rinne, J. N. CHANGES IN MINNOW POPULATIONS IN A SMALL DESERT STREAM RESULTING FROM NATURALLY AND ARTIFICIALLY INDUCED FACTORS. *Southwest. Nat.* 20(2):185-195. 27 June 1975. SFA 22(2)

71-008409 Rundberg, H. TRENDS IN HARVESTS OF PIKEPERCH (/STIZOSTEDION LUCIOPERCA/), EURASIAN PERCH (/PERCA FLUVIATILIS/), AND NORTHERN PIKE (/ESOX LUCIUS/) AND ASSOCIATED ENVIRONMENTAL CHANGES IN LAKES MALAREN AND HJALMAREN, 1914-74. *J. Fish. Res. Board Can.* 34(10):1720-1724. Oct. 1977. In English with French summ. SFA 23(1)

71-008410 Saiki, M. K. and Tash, J. C. UNUSUAL POPULATION DYNAMICS IN LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/ (LACEPEDE), CAUSED BY A SEASONALLY FLUCTUATING FOOD SUPPLY. *Am. Midl. Nat.* 100(1):116-125. July 1978. SFA 24(1)

71-008411 Sale, P. F. ASSEMBLAGES OF FISH ON PATCH REEFS--PREDICTABLE OR UNPREDICTABLE? *Environ. Biol. Fishes* 5(3):243-249. 29 Sept. 1980. SFA 25(4)

71-008412 Sale, P. F. THE EFFECT OF TERRITORIAL ADULT POMACENTRID FISHES ON THE RECRUITMENT AND SURVIVAL OF JUVENILES ON PATCHES OF CORAL RUBBLE. *J. Exp. Mar. Biol. Ecol.* 24(3):297-306. 1 Nov. 1976. SFA 22(1)

71-008413 Schneider, J. C. and Leach, J. H. WALLEYE (/STIZOSTEDION VITREUM VITREUM/) FLUCTUATIONS IN THE GREAT LAKES AND POSSIBLE CAUSES, 1800-1975. *J. Fish. Res. Board Can.* 34(10):1878-1889. Oct. 1977. In English with French summ. SFA 23(1)

71-008414 Schwartz, F. J. and Link, G. W., Jr. STATUS OF ATLANTIC, /ACIPENSER OXYRHYNCHUS/, AND SHORTNOSE, /A. BREVIROSTRUM/, STURGEONS IN NORTH CAROLINA (PISCES, ACIPENSERIDAE). *ASB (Assoc. Southeast. Biol.) Bull.* 23(2):94. Apr. 1976. SFA 22(2)

71-008415 Shapiro, L. S. RELATIONSHIP OF EGG SURVIVAL AND YEAR-CLASS STRENGTH WITH REFERENCE TO THE BALTIC HERRING, /CLUPEA HARENGUS MEMBRAS/ OF VISTULA LAGOON. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 933-939. 1975. SFA 22(1)

71-008416 Shuter, B. J.; J. A. MacLean; F. E. J. Fry and H. A. Regier. STOCHASTIC SIMULATION OF TEMPERATURE EFFECTS ON FIRST-YEAR SURVIVAL OF SMALLMOUTH BASS. *Trans. Am. Fish. Soc.* 109(1):1-34. Jan. 1980. SFA 25(2)

71-008417 Sjoblom, V. THE EFFECT OF CLIMATIC VARIATIONS ON FISHING AND FISH POPULATIONS. *Fennia* 150:33-37. 1978. SFA 24(4)

71-008418 Smith, H. T.; Schreck, C. B. and Maughan, O. E. EFFECT OF POPULATION DENSITY AND FEEDING RATE ON THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/). *J. Fish Biol.* 12(5):449-455. May 1978. SFA 23(4)

71-008419 Smith, M. L. EL ESTADO ACTUAL DE *MEGUPSILON APORUS* Y *CYPRINODON ALVAREZI* DE EL POTOSI, NUEVO LEON. [THE STATUS OF *MEGUPSILON APORUS* AND *CYPRINODON ALVAREZI* AT EL POTOSI, NUEVO LEON.] *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:24-29. 30 Jan. 1980. In Spanish and English. SFA 25(3)

71-008420 Smith, S. L. and Crumpton, J. E. INTERRELATIONSHIP OF VEGETATIVE COVER AND SUNFISH POPULATION DENSITY IN SUPPRESSING SPAWNING IN LARGEMOUTH BASS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:318-321. 1977[1979]. SFA 24(4)

71-008421 Sohn, J. J. THE CONSEQUENCES OF PREDATION AND COMPETITION UPON THE DEMOGRAPHY OF /GAMBUSIA MANNI/ (PISCES: POECILIIDAE). *Copeia* 1977 (2): 224-227. 25 May 1977. SFA 22(3)

71-008422 Spangler, G. R.; Payne, N. R.; Thorpe, J. E.; Byrne, J. M.; Regier, H. A. and Christie, W. J. RESPONSES OF PERCIDS TO EXPLOITATION. *J. Fish. Res. Board Can.* 34 (10): 1983-1988. Oct. 1977. In English with French summ. SFA 23(1)

71-008423 Spangler, G. R. MORTALITY FACTORS AND DYNAMICS OF A LAKE HURON LAKE WHITEFISH POPULATION. *Ph. D. dissertation, Univ. Toronto (Canada)* 1974. From Diss. Abstr. Int. B Sci. Eng. 37(12), 1977. SFA 22(3)

71-008424 Stasenkov, V. A. THE INFLUENCE OF CERTAIN FACTORS ON YEAR-CLASS STRENGTH OF THE NAVAGA, /ELEGINUS NAVAGA/, OF THE WHITE SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(1):29-35. 1978. SFA 24(3)

71-008425 Stauffer, T. M. TWO-YEAR CYCLES OF ABUNDANCE OF AGE-0 RAINBOW TROUT IN LAKE SUPERIOR TRIBUTARIES. *Trans. Am. Fish. Soc.* 108(6):542-547. Nov. 1979. SFA 25(2)

71-008426 Stearns, S. C. LIFE HISTORY TRAITS IN STABLE AND FLUCTUATING ENVIRONMENTS: /GAMBUSIA AFFINIS/ IN HAWAII. *Ph. D. dissertation, Univ. British Columbia* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(3)

71-008427 Summerfelt, R. C. RELATIONSHIP BETWEEN WEATHER AND YEAR-CLASS STRENGTH OF LARGEMOUTH BASS. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 166-174. 1975. SFA 21(3).

71-008428 Sutcliffe, W. H., Jr.; Drinkwater, K. and Muir, B. S. CORRELATIONS OF FISH CATCH AND ENVIRONMENTAL FACTORS IN THE GULE OF MAINE. *J. Fish. Res. Board Can.* 34(1):19-30. Jan. 1977. In English with French summ. SFA 22(2)

71-008429 Svardson, G. INTERSPECIFIC POPULATION DOMINANCE IN FISH COMMUNITIES OF SCANDINAVIAN LAKES. *Rep. Inst. Freshwater Res. Drottningholm* No. 55. p. 144-171. 1976. SFA 23(1)

71-008430 Svardson, G. THE DECLINE OF THE BALTIC EEL POPULATION. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 136-143. 1976. SFA 23(1)

71-008431 Swenson, W. A. INFLUENCE OF TURBIDITY ON FISH ABUNDANCE IN WESTERN LAKE SUPERIOR. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-067. vii + 84p. July 1978. SFA 24(4)

71-008432 Swenson, W. A. and Matson, M. L. INFLUENCE OF TURBIDITY ON SURVIVAL, GROWTH, AND DISTRIBUTION OF LARVAL LAKE HERRING (/COREGONUS ARTEDII/). *Trans. Am. Fish. Soc.* 105 (4): 541-545. July 1976. SFA 21(4).

71-008433 Swenson, W. A. and Smith, L. L., Jr. INFLUENCE OF FOOD COMPETITION, PREDATION, AND CANNIBALISM ON WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND SAUGER (/S. CANADENSE/) POPULATIONS IN LAKE OF THE WOODS, MINNESOTA. *J. Fish. Res. Board Can.* 33(9):1946-1954. Sept. 1976. In English with French summ. SFA 21(3).

71-008434 Taylor, S. G. MARINE SURVIVAL OF PINK SALMON FRY FROM EARLY AND LATE SPAWNERS. *Trans. Am. Fish. Soc.* 109(1):79-82. Jan. 1980. SFA 25(2)

71-008435 Toneys, M. L. and Coble, D. W. SIZE-RELATED, FIRST WINTER MORTALITY OF FRESHWATER FISHES. *Trans. Am. Fish. Soc.* 108(4):415-419. July 1979. SFA 25(1)

71-008436 Tonn, W. M. and J. J. Magnuson. PATTERNS IN THE ASSEMBLY AND DIVERSITY OF FISH COMMUNITIES IN NORTHERN WISCONSIN LAKES. *Bull. Ecol. Soc. Am.* 61(2):87. June 1980. Abstract only. SFA 25(4)

71-008437 Ulanowicz, R. E. and T. T. Polgar. INFLUENCES OF ANADROMOUS SPAWNING BEHAVIOR AND OPTIMAL ENVIRONMENTAL CONDITIONS UPON STRIPED BASS (*MORONE SAXATILIS*) YEAR-CLASS SUCCESS. *Can. J. Fish. Aquatic. Sci.* 37(2):143-154. Feb. 1980. In English with French summ. SFA 25(3)

71-008438 Vanicek, C. D. DECLINE OF THE LAKE GREENHAVEN SACRAMENTO PERCH POPULATION. *Calif. Fish Game* 66(3):178-183. July 1980. SFA 25(3)

71-008439 Vladimirov, V. I. CRITICAL PERIODS IN THE DEVELOPMENT OF FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 851-868. 1975. SFA 22(1)

71-008440 Votinov, N. P. and Kas'yanov, V. P. THE ECOLOGY AND REPRODUCTIVE EFFICIENCY OF THE SIBERIAN STURGEON, /ACIPENSER BAERI/, IN THE OB AS AFFECTED BY HYDRAULIC ENGINEERING WORKS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(1):20-29. 1978. SFA 24(3)

71-008441 Vyshegorodtsev, V. A. CASES OF MASS MORTALITY OF THE WALLEYE POLLOCK, /THERAGRA CHALCOGRAMMA/, IN THE SEA OF OKHOTSK. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 146-148. 1978. SFA 24(3)

71-008442 Ware, F. J. and Gasaway, R. D. EFFECTS OF GRASS CARP ON NATIVE FISH POPULATIONS IN TWO FLORIDA LAKES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:324-335. 1976[1978]. SFA 24(1)

71-008443 Williams, I. V.; Fagerlund, U. H. M.; McBride, J. R.; Strasdine, G. A.; Tsuyuki, H. and Ordal, E. J. INVESTIGATION OF PRESPAWNING MORTALITY OF 1973 HORSEFLY RIVER SOCKEYE SALMON. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 37. 37p. 1977. SFA 23(2)

71-008444 Yakovlev, V. N. and Prits, S. E. ALLOWANCE FOR THE EFFECT OF HYDROMETEOROLOGICAL FACTORS ON FISH CATCH DYNAMICS (TAKING THE NORTH SEA HERRING, /CLUPEA HARENGUS HARENGUS/, AS AN EXAMPLE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(1):163-165. 1976. SFA 22(3)

71-008445 Yel'tsova, V. N. PREDATION ON BAIKAL OMUL (/COREGONUS AUTUMNALIS MIGRATORIUS/) LARVAE BY COMMON FISHES IN THE POSOL'SKIY LAGOON OF LAKE BAIKAL FOLLOWING THEIR RELEASE FROM THE BOL'SHAYA RECHKA HATCHERY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(6):971-976. 1976. SFA 23(3)

71-008446 Yoshiyama, R. M. COMPETITION AND ROCKY INTERTIDAL FISHES. *Ph.D. dissertation, Stanford Univ.* 177p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4049. Mar. 1978. SFA 23(3)

IDENTIFICATION, KEYS, CLASSIFICATION

71-008447 Abdil'dayev, M. A. and Dubitskiy, A. M. THE DISCOVERY OF /APLOCHEILUS/ SP., A SPECIES NEW TO THE SOVIET FAUNA, IN THE ILI RIVER BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (2): 287-289. 1974. SFA 21(2).

71-008448 Able, K. W. A NEW CYCLOPTERID FISH /LIPARIS COHENI/ FROM THE WESTERN NORTH ATLANTIC WITH NOTES ON LIFE HISTORY. *Copeia* 1976(3):515-521. Aug. 1976. SFA 21(3).

71-008449 Akhundov, A.-D. G. and Mednikov, B. M. SYSTEMATIC POSITION OF THE CARTILAGINOUS GANOID /POLYODON SPATHULA/ (WALBAUM) (PISCES, CHONDROSTEI). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 228 (1-6): 271-272. Dec. 1976. SFA 22(3)

71-008450 Allen, G. R.; Bauchot, M.-L. and Desoutter, M. THE STATUS OF /ABUDEFDUF SEXFASCIATUS/ (LACEPEDE), A POMACENTRID FISH FROM THE INDO-WEST PACIFIC. *Copeia* 1978 (2): 328-330. 5 May 1978. SFA 23(3)

71-008451 Anderson, W. D., Jr. and P. C. Heemstra. TWO NEW SPECIES OF WESTERN ATLANTIC *ANTHIAS* (PISCES: SERRANIDAE), REDESCRIPTION OF *A. ASPERILINGUIS* AND REVIEW OF *HOLANTHIAS MARTINICENSIS*. *Copeia* 1980(1):72-87. 1 Feb. 1980. SFA 25(2)

71-008452 Anderson, W. D., Jr.; McKinney, J. F. and Roumillat, W. A. REVIEW OF THE SCORPAENID GENUS /IDIASTION/. *Copeia* 1975(4):780-782. 31 Dec. 1975. SFA 21(1).

71-008453 Anderson, W. D., Jr. and Smith-Vaniz, W. F. SEXUAL DIMORPHISM IN THE JAWFISH /OPISTOGNATHUS MELACHASME/. *Copeia* 1976(1):202-204. 12 Mar. 1976. SFA 21(1).

71-008454 Anderson, W. D., Jr.; Kami, H. T. and Johnson, G. D. A NEW GENUS OF PACIFIC ETELINAE (PISCES: LUTJANIDAE) WITH REDESCRIPTION OF THE TYPE-SPECIES. *Proc. Biol. Soc. Wash.* 90 (1): 89-98. 16 June 1977. SFA 22(4)

71-008455 Andreasen, J. K. SYSTEMATICS AND STATUS OF THE FAMILY CATOSTOMIDAE IN SOUTHERN OREGON. *Ph.D. dissertation, Oreg. State Univ.* 84p. 1976. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1).

71-008456 Andrews, A. P. A REVISION OF THE FAMILY GALAXIIDAE (PISCES) IN TASMANIA. *Aust. J. Mar. Freshwater Res.* 27 (2): 297-349. July 1976. SFA 21(4).

71-008457 Andriyashev, A. P. /TREMATOMUS TOKAREVI/, A NEW SPECIES OF THE FAMILY NOTOTHENIIDAE (PISCES) FROM THE ABYSSAL WATERS NEAR ANTARCTICA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(4):521-526. 1978. SFA 25(1)

71-008458 Andriyashev, A. P. and A. V. Neyelov. NEW SPECIES OF THE GENUS *PARALIPARIS* (LIPARIDAE) FROM THE WESTERN ANTARCTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):7-15. 1979. SFA 25(3)

71-008459 Andriyashev, A. P. and McAllister, D. E. STATUS OF THE PRESUMED ZOARCID FISH /OPHIDIUM PARRII/ AND ITS IDENTITY WITH /LIPARIS KOEFOEDI/, LIPARIDAE. *Copeia* 1978(4):710-712. 28 Dec. 1978. SFA 24(2)

71-008460 Andriyashev, A. P. THE SYSTEMATIC POSITION OF /OPHIDIUM PARRII/ FROM THE AMERICAN ARCTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 695-697. 1975. SFA 22(1)

71-008461 Antony Raja, B. T. and Lazarus, S. A DESCRIPTION OF /SARDINELLA DAYI/ REGAN (PISCES: CLUPEIDAE) OF INDIAN SEAS WITH REMARKS ON ITS CLOSE SIMILARITY WITH /SARDINELLA MADERENSIS/ (LOWE) AND /SARDINELLA JUSSIEUI/ (VALENCIENNES). *Indian J. Fish.* 22 (1,2): 113-125. 1975. SFA 23(3)

71-008462 Au, K.-C. SYSTEMATIC STUDY ON THE BARRACUDAS (PISCES: SPHYRAENIDAE) FROM A NORTHERN SECTOR OF THE SOUTH CHINA SEA. *J. Nat. Hist.* 13(5):619-647. Sept.-Oct. 1979. SFA 25(2)

71-008463 Badcock, J. and R. C. Baird. REMARKS ON SYSTEMATICS, DEVELOPMENT, AND DISTRIBUTION OF THE HATCHETFISH GENUS *STERNOPTYX* (PISCES, STOMIATOIDEI). *NOAA Fish. Bull.* 77(4):803-820. 1980. SFA 25(4)

71-008464 Bailey, R. M. and Baskin, J. N. /SCOLOPLAX DICRA/, A NEW ARMORED CATFISH FROM THE BOLIVIAN AMAZON. *Occas. Pap. Mus. Zool. Univ. Mich.* No. 674. 14p. 1 Sept. 1976. SFA 23(4)

71-008465 Bailey, R. M. and Robison, H. W. /NOTROPIS HUBBSI/, A NEW CYPRINID FISH FROM THE MISSISSIPPI RIVER BASIN, WITH COMMENTS ON /NOTROPIS WELAKA/. *Occas. Pap. Mus. Zool. Univ. Mich.* No. 683. 21p. 12 June 1978. SFA 23(4)

71-008466 Baird, D. STUDIES ON CARBONIFEROUS FRESHWATER FISHES. *Am. Mus. Novit.* No. 2641. 22p. Jan. 1978. SFA 23(3)

71-008467 Balushkin, A. V. A REVIEW OF THE "/LARSENI/" GROUP OF SPECIES OF THE GENUS /NOTOTHENIA/ RICH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 1-12. 1976. SFA 22(3)

71-008468 Banister, K. E. and M. A. Clarke. A REVISION OF THE LARGE *BARBUS* (PISCES, CYPRINIDAE) OF LAKE MALAWI WITH A RECONSTRUCTION OF THE HISTORY OF THE SOUTHERN AFRICAN RIFT VALLEY LAKES. *J. Nat. Hist.* 14(4):483-542. July-Aug. 1980. SFA 25(4)

71-008469 Barber, F. G. ON THE ORIGIN OF /ONCORHYNCHUS GORBUSCHA/. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 814. iii + 3p. Dec. 1978. In English with French summ. SFA 24(2)

71-008470 Barbour, C. D. and Miller, R. R. A REVISION OF THE MEXICAN CYPRINID FISH GENUS /ALGANSEA/. *Misc. Publ. Mus. Zool. Univ. Mich.* No. 155. 72p. 4 Aug. 1978. SFA 23(4)

71-008471 Barbour, C. D. and Miller, R. R. A REVISION OF THE MEXICAN CYPRINID FISH GENUS /ALGANSEA/. *Mus. Zool. Univ. Mich. Misc. Publ.* No. 155. 72p. 4 Aug. 1978. SFA 24(1)

71-008472 Barel, C. D. N.; van Oijen, M. J. P.; Witte, F. and Witte-Maas, E. L. M. AN INTRODUCTION TO THE TAXONOMY AND MORPHOLOGY OF THE HAPLOCHROMINE CICHLIDAE FROM LAKE VICTORIA. *Neth. J. Zool.* 27 (4): 333-389. Dec. 1977. SFA 23(3)

71-008473 Barsukov, V. V. and Fedorov, V. V. SPECIES OF THE GENUS /HOZUKIUS/ (SCORPAENIDAE, SEBASTINAE) FROM THE GUYOTS OF THE HAWAIIAN SUBMARINE RIDGE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 869-876. 1975. SFA 22(1)

71-008474 Bartram, A. A PROBLEMATICAL UPPER CRETACEOUS HOLOSTEAN FISH GENUS /APHANEPYGUS/. *J. Nat. Hist.* 11 (4): 361-370. July-Aug. 1977. SFA 22(4)

71-008475 Bath, H. ERGAENZUNGEN ZUR REVISION DER BLENNIINI MIT ZWEI NEUEN GATTUNGEN (PISCES: BLENNIIDAE). [SUPPLEMENT TO REVISION OF BLENNIINI WITH TWO NEW GENERA (PISCES: BLENNIIDAE).] *Senckenb. Biol.* 59 (3/4): 183-190. 19 Oct. 1978. In German with English summ. SFA 24(2)

71-008476 Beamish, R. J. and Crossman, E. J. VALIDITY OF THE SUBSPECIES DESIGNATION FOR THE DWARF WHITE SUCKER (/CATOSTOMUS COMMERSONI UTAWANA/). *J. Fish. Res. Board Can.* 34 (3): 371-378. Mar. 1977. In English with French summ. SFA 22(3)

71-008477 Bennett, D. K. THREE LATE CENOZOIC FISH FAUNAS FROM NEBRASKA. *Trans. Kans. Acad. Sci.* 82:146-177. 1979. SFA 25(2)

71-008478 Berman, D. S. /GNATHORHIZA BOTHROTRETA/ (OSTEICHTHYES: DIPNOI) FROM THE LOWER PERMIAN ABO FORMATION OF NEW MEXICO. *Ann. Carnegie Mus.* 48(13):211-230. 7 Sept. 1979. SFA 25(1)

71-008479 Berra, T. M. and Berra, R. M. A TEMPORAL AND GEOGRAPHICAL ANALYSIS OF NEW TELEOST NAMES PROPOSED AT 25 YEAR INTERVALS FROM 1869-1970. *Copeia* 1977 (4): 640-647. 25 Nov. 1977. SFA 23(1)

71-008480 Bertelsen, E. and Pietsch, T. W. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. XXXVIII. OSTEOLOGY AND RELATIONSHIPS OF THE CERATIOID ANGLERFISH GENUS /SPINIPHRYNE/ (FAMILY ONEIRODIDAE). *Arch. Fischereiwiss.* 26 (1): 1-11. Aug. 1975. In English with German summ. SFA 21(4)

71-008481 Bills, F. T. and C. E. Bond. A NEW SUBSPECIES OF TUI CHUB (PISCES: CYPRINIDAE) FROM COWHEAD LAKE, CALIFORNIA. *Copeia* 1980(2):320-322. 1 May 1980. SFA 25(3)

71-008482 Black, G. F. NOTES ON SOME FISHES COLLECTED OFF THE OUTER COAST OF BAJA CALIFORNIA. *Calif. Fish Game* 63 (1): 71-72. Jan. 1977. SFA 22(3)

71-008483 Bohlke, J. E. and Menezes, N. A. THE OPHICHTHID EEL /ANTOBRANTIA RIBEIROI/ PINTO 1970 A SYNONYM OF /OPHICHTHUS OPHIS/ (LINNAEUS 1758). *Copeia* 1977 (4): 786. 25 Nov. 1977. SFA 23(1)

71-008484 Bohlke, J. E. and Bohlke, E. B. A NEW MORAY, /GYMNOTHORAX HUBBSI/ (ANGUILLIFORMES, MURAENIDAE), FROM THE WESTERN NORTH ATLANTIC. *Bull. Mar. Sci.* 27 (2): 237-240. Apr. 1977. SFA 22(3)

71-008485 Boreman, J., (ed.). GREAT LAKES FISH EGG AND LARVAE IDENTIFICATION: PROCEEDINGS OF A WORKSHOP. *U.S. Fish Wildl. Serv.* FWS/OBS-76/23. iv + 220p. 1976. SFA 22(4)

71-008486 Borodulina, O. D. COMPOSITION OF THE "*POLYIPNUS SPINOSUS* SPECIES COMPLEX" (STERNOPTYCHIDAE, OSTEICHTYES) WITH A DESCRIPTION OF THREE NEW SPECIES OF THIS GROUP. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):1-10. 1979. SFA 25(4)

71-008487 Borodulina, O. D. A NEW SPECIES OF HATCHETFISH, /STERNOPTYX PSEUDODIAPHANA/ (STERNOPTYCHIDAE, OSTEICHTHYES) FROM THE WATERS OF THE SOUTHERN HEMISPHERE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 791-794. 1978. SFA 24(1)

71-008488 Bortone, S. A. REVISION OF THE SEA BASSES OF THE GENUS /DIPLECTRUM/ (PISCES: SERRANIDAE). *NOAA Tech. Rep. NMFS Circ.* 404. v + 49p. Sept. 1977. SFA 23(1)

71-008489 Bouchard, R. W. /ETHEOSTOMA ETNIERI/, A NEW PERCID FISH FROM THE CANEY FORK (CUMBERLAND) RIVER SYSTEM, TENNESSEE, WITH A REDESCRIPTION OF THE SUBGENUS /ULOCENTRA/. *Tulane Stud. Zool. Bot.* 19 (3,4): 105-130. Mar. 1977. SFA 22(3)

71-008490 Bradbury, M. G. A REVISION OF THE FISH GENUS *OGCOCEPHALUS* WITH DESCRIPTONS OF NEW SPECIES FROM THE WESTERN ATLANTIC OCEAN (OGCOCEPHALIDAE; LOPHIIFORMES). *Proc. Calif. Acad. Sci.* 42(7):229-285. 2 July 1980. SFA 25(3)

71-008491 Branstetter, S. and R. L. Shipp. OCCURRENCE OF THE FINETOOTH SHARK, *CARCHARHINUS ISODON*, OFF DAUPHIN ISLAND, ALABAMA. *NOAA Fish. Bull.* 78(1):177-179. 1980. SFA 25(4)

71-008492 Briggs, J. C. A NEW GENUS AND SPECIES OF CLINGFISH FROM THE WESTERN PACIFIC. *Copeia* 1976 (2): 339-341. May 1976. SFA 21(2).

71-008493 Burgess, G. H.; Gilbert, C. R.; Guillory, V. and Taphorn, D. C. DISTRIBUTIONAL NOTES ON SOME NORTH FLORIDA FRESHWATER FISHES. *Fla. Sci.* 40 (1): 33-41. 1977. SFA 22(3)

71-008494 Burr, B. M. SYSTEMATICS OF THE NORTH AMERICAN PERCID FISHES OF THE SUBGENUS /MICROPERCA/, GENUS /ETHEOSTOMA/. *Ph.D. dissertation, Univ. Ill. (Urbana-Champaign)* 211p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4679. Apr. 1978. SFA 23(3)

71-008495 Burr, B. M. SYSTEMATICS OF THE PERCID FISHES OF THE SUBGENUS /MICROPERCA/, GENUS /ETHEOSTOMA/. *Bull Ala. Mus. Nat. Hist.* No. 4. 53p. 31 July 1978. SFA 24(1)

71-008496 Burr, B. M. SYSTEMATICS AND LIFE HISTORY ASPECTS OF THE PERCID FISH /ETHEOSTOMA BLENNIUS/ WITH DESCRIPTION OF A NEW SUBSPECIES FROM SEQUATCHIE RIVER, TENNESSEE. *Copeia* 1979 (2): 191-203. 18 May 1979. SFA 24(3)

71-008497 Buth, D. G. BIOCHEMICAL SYSTEMATICS OF THE MOXOSTOMATINI (CYPRINIFORMES, CATOSTOMIDAE). *Ph.D. dissertation, Univ. Ill.* 198p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2170. Nov. 1978. SFA 24(1)

71-008498 Butler, J. L. and Ahlstrom, E. H. REVIEW OF THE DEEP-SEA FISH GENUS /SCOPELENGYS/ (NEOSCOPELIDAE) WITH A DESCRIPTION OF A NEW SPECIES, /SCOPELENGYS CLARKEI/, FROM THE CENTRAL PACIFIC. *NOAA Fish. Bull.* 74(1):142-150. Jan. 1976. SFA 21(1).

71-008499 Butler, J. L. THE NOMEID GENUS /CUBICEPS/ (PISCES) WITH A DESCRIPTION OF A NEW SPECIES. *Bull. Mar. Sci.* 29 (2): 226-241. Apr. 1979. SFA 24(3)

71-008500 Campos, H. MULTIVARIATE ANALYSIS OF THE TAXONOMY OF THE FISH FAMILY GALAXIIDAE. *Zool. Anz.* 202 (3-4): 280-288. 1979. SFA 24(4)

71-008501 Caruso, J. H. THE SYSTEMATICS OF THE FISH FAMILY LOPHIIDAE. *Ph.D. dissertation, Tulane Univ.* 229p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4106. Mar. 1978. SFA 23(3)

71-008502 Cashner, R. C. A SYSTEMATIC STUDY OF THE GENUS /AMBLOPLITES/, WITH COMPARISONS TO OTHER MEMEBERS OF THE TRIBE AMBLOPLITINI (PISCES: CENTRARCHIDAE). *Ph.D. dissertation, Tulane Univ.* 384p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(12), 1975. SFA 21(1).

71-008503 Cashner, R. C. and Suttkus, R. D. /AMBLOPLITES CONSTELLATUS/, A NEW SPECIES OF ROCK BASS FROM THE OZARK UPLAND OF ARKANSAS AND MISSOURI WITH A REVIEW OF WESTERN ROCK BASS POPULATIONS. *Am. Midl. Nat.* 98 (1): 147-161. July 1977. SFA 22(4)

71-008504 Casteel, R. W. /DAMALICHTHYS SARATOGENSIS/: A NEW FRESHWATER FISH (EMBIOTOCIDAE) FROM THE PLIO-PLEISTOCENE (BLANCAN) OF CALIFORNIA. *Copeia* 1978 (2): 293-298. 5 May 1978. SFA 23(3)

71-008505 Castle, P. H. J. IDENTIFICATION OF *CONGROGADUS MARGINATUS* FROM HAWAII WITH THE EEL GENUS *ARIOSOMA* (PISCES: CONGRIDAE). *Copeia* 1980(1):159-160. 1 Feb. 1980. SFA 25(2)

71-008506 Castle, P. H. J. OVIGEROUS LEPTOCEPHALI OF THE NETTASTOMATID EEL GENUS /FACCIOLELLA/. *Copeia* 1978 (1): 29-33. 10 Feb. 1978. SFA 23(2)

71-008507 Castle, P. H. J. THE EEL /AOTEA ACUS/ A SYNONYM OF /MURAENICHTHYS BREVICEPS/. *Copeia* 1976 (2): 365-366. May 1976. SFA 21(2).

71-008508 Castle, P. H. J. THE CONGRID GENUS /FIMBRICEPS/, A SYNONYM OF /GNATHOPHIS/. *Copeia* 1977 (3): 581-582. 25 Aug. 1977. SFA 22(4)

71-008509 Chambers, J. R.; Musick, J. A. and Davis, J. METHODS OF DISTINGUISHING LARVAL ALEWIFE FROM LARVAL BLUEBACK HERRING. *Chesapeake Sci.* 17 (2): 93-100. June 1976. SFA 21(2).

71-008510 Chao, L. N. A BASIS FOR CLASSIFYING WESTERN ATLANTIC SCIAENIDAE (TELEOSTEI: PERCIFORMES). *NOAA Tech. Rep. NMFS Circ.* 415. v + 64p. Sept. 1978. SFA 24(1)

71-008511 Chervinski, J. A KEY FOR IDENTIFICATION OF JUVENILE CICHLIDS FROM LAKE KINNERET. *Bamidgeh* 29 (4): 136-139. Dec. 1977. SFA 23(2)

71-008512 Chorn, J. FOSSIL LUNGFISHES IN KANSAS. *Trans. Kans. Acad. Sci.* 79: 95-96. 1976. Abstract only. SFA 23(3)

71-008513 Clark, E. RED SEA FISHES OF THE FAMILY TRIPTERYGIIDAE WITH DESCRIPTIONS OF EIGHT NEW SPECIES. *Isr. J. Zool.* 28(2/3):65-113. 1979. SFA 25(3)

71-008514 Cloutman, D. G. PARASITISM IN RELATION TO TAXONOMY OF THE SYMPATRIC SIBLING SPECIES OF STONEROLLERS, /CAMPOSTOMA ANOMALUM PULLUM/ (AGASSIZ) AND /C. OLIGOLEPIS/ HUBBS AND GREENE, IN THE WHITE RIVER, ARKANSAS. *Southwest. Nat.* 21(1):67-70. 20 Mar. 1976. SFA 22(2)

71-008515 Coad, B. W. and Qadri, S. U. STATUS OF THE GENERIC NAME /ENDEMICHTHYS/ (OSTEICHTHYES). *Copeia* 1978 (2): 330. 5 May 1978. SFA 23(3)

71-008516 Cohen, D. M. and Nielsen, J. G. GUIDE TO THE IDENTIFICATION OF GENERA OF THE FISH ORDER OPHIDIIFORMES WITH A TENTATIVE CLASSIFICATION OF THE ORDER. *NOAA Tech. Rep. NMFS Circ.* 417. vii + 72p. Dec. 1978. SFA 24(2)

71-008517 Cohen, D. M. and Russo, J. L. VARIATION IN THE FOURBEARD ROCKLING, /ENCHELYOPUS CIMBRIUS/, A NORTH ATLANTIC GADID FISH, WITH COMMENTS ON THE GENERA OF ROCKLINGS. *NOAA Fish. Bull.* 77 (1): 91-104. Jan. 1979. SFA 24(3)

71-008518 Cohen, D. M. NAMES OF THE HAKES. *Mar. Fish. Rev.* 42(1):2-3 Jan. 1980. SFA 25(3)

71-008519 Colin, P. L. /SERRANUS INCISUS/, NEW SPECIES FROM THE CARIBBEAN SEA (PISCES: SERRANIDAE). *Proc. Biol. Soc. Wash.* 91 (1): 191-196. 3 May 1978. SFA 23(3)

71-008520 Colin, P. L.; Arneson, D. W. and Smith-Vaniz, W. F. REDISCOVERY AND REDESCRIPTION OF THE CARIBBEAN ANOMALOPID FISH /KRYPTOPHANARON ALFREDI/ SILVESTER AND FOWLER (PISCES: ANOMALOPIDAE). *Bull. Mar. Sci.* 29(3):312-319. July 1979. SFA 25(1)

71-008521 Collette, B. B. and J. L. Russo. *SCOMBEROMORUS MUNROI*, A NEW SPECIES OF SPANISH MACKEREL FROM AUSTRALIA AND NEW GUINEA. *Aust. J. Mar. Freshwater Res.* 31(2):241-250. Apr. 1980. SFA 25(4)

71-008522 Collette, B. B.; Russo, J. L. and Zavala-Camin, L. A. /SCOMBEROMORUS BRASILIENSIS/, A NEW SPECIES OF SPANISH MACKEREL FROM THE WESTERN ATLANTIC. *NOAA Fish. Bull.* 76 (1): 273-280. Jan. 1978. In English with Portugese summ. SFA 23(3)

71-008523 Collette, B. B. and Banarescu, P. SYSTEMATICS AND ZOOGEOGRAPHY OF THE FISHES OF THE FAMILY PERCIDAE. *J. Fish. Res. Board Can.* 34 (10): 1450-1463. Oct. 1977. In English with French summ. SFA 23(1)

71-008524 Colman, J. A. /ARNOGLOSSUS BOOPS/ (HECTOR): A SYNONYM OF /A. SCAPHA/ (SCHNEIDER) (PISCES: HETEROSOMATA: BOTHIDAE). *N. Z. J. Mar. Freshwater Res.* 10 (4): 693-697. Dec. 1976. SFA 22(3)

71-008525 Compagno, L. J. V. CARCHARHINOID SHARKS: MORPHOLOGY, SYSTEMATICS, AND PHYLOGENY. (VOLUMES I AND II). *Ph.D. dissertation, Stanford Univ.* 951p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(2):629. Aug. 1979. SFA 24(4)

71-008526 Compagno, L. J. V. PHYLETIC RELATIONSHIPS OF LIVING SHARKS AND RAYS. *Am. Zool.* 17(2):303-322. 1977. SFA 22(4)

71-008527 Conner, J. V. IDENTIFICATION OF LARVAL SUNFISHES (CENTRARCHIDAE, ELASSOMATIDAE) FROM SOUTHERN LOUISIANA. *IN R. D. Hoyt, ed. Proceedings of the Third Symposium on Larval Fish. Western Kentucky University, Bowling Green* 3: 17-52. 1979. SFA 24(3)

71-008528 Contreras-Balderas, S. ZOOGEOGRAPHY AND EVOLUTION OF /NOTROPIS LUTRENSIS/ AND /"NOTROPIS" ORNATUS/ IN THE RIO GRANDE BASIN AND RANGE, MEXICO AND UNITED STATES (PISCES: CYPRINIDAE). *Ph.D. dissertation, Tulane Univ.* 156p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-008529 Contreras-Balderas, S. and Verduzco-Martinez, J. /DIONDA MANDIBULARIS/, A NEW CYPRINID FISH ENDEMIC TO THE UPPER RIO VERDE, SAN LUIS POTOSI, MEXICO, WITH COMMENTS ON RELATED SPECIES. *Trans. San Diego Soc. Nat. Hist.* 18 (16): 259-266. 27 July 1977. In English with Spanish summ. SFA 23(1)

71-008530 Cooper, J. E. DESCRIPTION OF EGGS AND LARVAE OF FANTAIL (/ETHEOSTOMA FLABELLARE/) AND RAINBOW (/E. CAERULEUM/) DARTERS FROM LAKE ERIE TRIBUTARIES. *Trans. Am. Fish. Soc.* 108 (1): 46-56. Jan. 1979. SFA 24(3)

71-008531 Cooper, J. E. IDENTIFICATION OF EGGS, LARVAE, AND JUVENILES OF THE RAINBOW SMELT, /OSMERUS MORDAX/, WITH COMPARISONS TO LARVAL ALEWIFE, /ALOSA PSEUDOHARENGUS/, AND GIZZARD SHAD, /DOROSOMA CEPEDIANUM/. *Trans. Am. Fish. Soc.* 107 (1): 56-62. Jan. 1978. SFA 23(3)

71-008532 Dale, G. /APOGON MOSAVI/, A NEW WESTERN ATLANTIC CARDINALFISH, AND A NOTE ON THE OCCURRENCE OF /APOGON LEPTOCALUS/ IN THE BAHAMAS. *Proc. Biol. Soc. Wash.* 90 (1): 19-29. 16 June 1977. SFA 22(4)

71-008533 Dawson, C. E. NOTES ON WESTERN ATLANTIC PIPEFISHES WITH DESCRIPTION OF /SYNGNATHUS CARIBBAEUS/ N. SP. AND /COSMOCAMPUS/ N. GEN. *Proc. Biol. Soc. Wash.* 92(4):671-676. 16 Nov. 1979. SFA 25(1)

71-008534 Dawson, C. E. THE INDO-PACIFIC PIPEFISH GENERA /NOTIOCAMPUS/ GEN. NOV. AND /NANNOCAMPUS/ GUNTHER. *Proc. Biol. Soc. Wash.* 92(3):482-493. 18 Oct. 1979. SFA 25(1)

71-008535 Dawson, C. E. /MICROGNATHUS VITTATUS/ (KAUP), A JUNIOR SYNONYM OF /M. CRINITUS/ (JENYNS), WITH DESCRIPTION OF THE INSULAR PIPEFISH, /M. TECTUS/, NEW SP. *Copeia* 1978 (1): 13-16. 10 Feb. 1978. SFA 23(2)

71-008536 Dawson, C. E. /SYNGNATHUS PARVICARINATUS/, A NEW AUSTRALIAN PIPEFISH, WITH NOTES ON /S. SAUVAGEI/ (WHITLEY) AND /LEPTONOTUS CARETTA/ (KLUNZINGER). *Copeia* 1978 (2): 288-293. 5 May 1978. SFA 23(3)

71-008537 Dawson, C. E. A NEW WORMFISH (PISCES: MICRODESMIDAE) FROM THE EASTERN TROPICAL ATLANTIC. *Copeia* 1979 (2): 203-205. 18 May 1979. SFA 24(3)

71-008538 Dawson, C. E. A NEW WESTERN ATLANTIC WORMFISH (PISCES: MICRODESMIDAE). *Copeia* 1977 (1): 7-10. 16 Mar. 1977. SFA 22(3)

71-008539 Dawson, C. E. REVIEW OF THE INDO-PACIFIC PIPEFISH GENUS /BHANOTIA/, WITH DESCRIPTION OF /B. NUDA/ N. SP. *Proc. Biol. Soc. Wash.* 91 (2): 392-407. 29 Aug. 1978. SFA 23(4)

71-008540 Dawson, C. E. REVIEW OF THE INDO-PACIFIC PIPEFISH GENUS /HIPPICHTHYS/ (SYNGNATHIDAE). *Proc. Biol. Soc. Wash.* 91 (1): 132-157. 3 May 1978. SFA 23(3)

71-008541 Dawson, C. E. REVIEW OF THE PIPEFISH GENUS /CORYTHOICHTHYS/ WITH DESCRIPTION OF THREE NEW SPECIES. *Copeia* 1977 (2): 295-338. 25 May 1977. SFA 22(3)

71-008542 Dawson, C. E. SYNOPSIS OF SYNGNATHINE PIPEFISHES USUALLY REFERRED TO THE GENUS /ICHTHYOCAMPUS/ KAUP, WITH DESCRIPTION OF NEW GENERA AND SPECIES. *Bull. Mar. Sci.* 27 (4): 595-650. Oct. 1977. SFA 23(2)

71-008543 Dawson, C. E. STUDIES ON EASTERN PACIFIC SAND STARGAZERS 3. /DACTYLAGNUS/ AND /MYXODAGNUS/, WITH DESCRIPTION OF A NEW SPECIES AND SUBSPECIES. *Copeia* 1976(1):13-43. 12 Mar. 1976. SFA 21(1).

71-008544 Dawson, C. E. THE PIPEFISH NAME /SYNGNATHUS CORRUGATUS/ WEBER, A JUNIOR SYNONYM OF /BHANOTIA FASCIOLATA/ (DUMERIL). *Copeia* 1977 (4): 786-788. 25 Nov. 1977. SFA 23(1)

71-008545 Denoncourt, R. F. and Stauffer, J. R., Jr. A TAXONOMIC STUDY OF RECENTLY INTRODUCED POPULATIONS OF THE BANDED DARTER, /ETHEOSTOMA ZONALE/ (COPE), IN THE SUSQUEHANNA RIVER. *Chesapeake Sci.* 17 (4): 303-304. Dec. 1976. SFA 22(1)

71-008546 Denoncourt, R. F.; Potter, W. A. and Daniels, D. W. A RECORD OF THE WHITE BASS, /MORONE CHRYSOPS/, FROM THE SUSQUEHANNA RIVER. *Chesapeake Sci.* 17 (4): 304-305. Dec. 1976. SFA 22(1)

71-008547 Devaraj, M. OSTEOLOGY AND RELATIONSHIPS OF THE SPANISH MACKERELS AND SEERFISHES OF THE TRIBE SCOMBEROMORINI. *Indian J. Fish.* 22 (1, 2): 1-67. 1975. SFA 23(3)

71-008548 DeWitt, H. H. A NEW GENUS AND SPECIES OF EELPOUT (PISCES, ZOARCIDAE) FROM THE GULF OF MEXICO. *NOAA Fish. Bull.* 75 (4): 789-793. Oct. 1977. SFA 23(2)

71-008549 Dooley, J. K. and Berry, F. H. A NEW SPECIES OF TILEFISH (PISCES: BRANCHIOSTEGIDAE) FROM THE WESTERN TROPICAL ATLANTIC. *Northeast Gulf Sci.* 1(1):8-13. 1977. SFA 22(4)

71-008550 Dooley, J. K. SYSTEMATICS AND BIOLOGY OF THE TILEFISHES (PERCIFORMES: BRANCHIOSTEGIDAE AND MALACANTHIDAE), WITH DESCRIPTIONS OF TWO NEW SPECIES. *NOAA Tech. Rep. NMFS Circ.* 411. v + 78 p. Apr. 1978. SFA 23(4)

71-008551 Dor, M. and Allen, G. R. /NEOPOMACENTRUS MIRYAE/, A NEW SPECIES OF POMACENTRID FISH FROM THE RED SEA. *Proc. Biol. Soc. Wash.* 90 (1): 183-188. 16 June 1977. SFA 22(4)

71-008552 Druzhinin, A. D. NEW DATA ON /ARGYROSOMUS MARLEYI/ OF THE FAMILY SCIAENIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (5): 848-850. 1976. SFA 23(2)

71-008553 Duggins, C. F., Jr. SYSTEMATICS AND ZOOGEOGRAPHY OF *LUCANIA PARVA, FLORIDICHTHYS,* AND *MENIDIA* (OSTEICHTHYES: ATHERINIFORMES) IN FLORIDA, THE GULF OF MEXICO AND YUCATAN. *Ph.D. dissertation, Fla. State Univ.* 182p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):849. Sept. 1980. SFA 25(4)

71-008554 Ebeling, A. W. A NEW INDO-PACIFIC BATHYPELAGIC-FISH SPECIES OF /POROMITRA/ AND A KEY TO THE GENUS. *Copeia* 1975(2):306-315. 23 May 1975. SFA 21(1).

71-008555 Echelle, A. A. and Echelle, A. F. THE PECOS RIVER PUPFISH, /CYPRINODON PECOSENSIS/ N. SP. (CYPRINODONTIDAE), WITH COMMENTS ON ITS EVOLUTIONARY ORIGIN. *Copeia* 1978 (4): 569-582. 28 Dec. 1978. SFA 24(2)

71-008556 Eschmeyer, W. N. THE SCORPIONFISH GENUS /MINOUS/ (SCORPAENIDAE, MINOINAE) INCLUDING A NEW SPECIES FROM THE INDIAN OCEAN. *Proc. Calif. Acad. Sci.* 41 (20): 453-473. 24 Jan. 1979. SFA 24(2)

71-008557 Eschmeyer, W. N.; Rama-Rao, K. V. and Hallacher, L. E. FISHES OF THE SCORPIONFISH SUBFAMILY CHORIDACTYLINAE FROM THE WESTERN PACIFIC AND THE INDIAN OCEAN. *Proc. Calif. Acad. Sci.* 41 (21): 475-500. 24 Jan. 1979. SFA 24(2)

71-008558 Eschmeyer, W. N. and Dor, M. /COCOTROPUS STEINITZI/, A NEW SPECIES OF THE FISH FAMILY APLOACTINIDAE (PISCES: SCORPAENIFORMES) FROM THE RED SEA AND ANDAMAN ISLANDS. *Isr. J. Zool.* 27 (4): 165-168. 1978. SFA 24(3)

71-008559 Faber, D. J. IDENTIFICATION OF FOUR NORTHERN BLENNIOID FISH LARVAE IN THE CANADIAN ATLANTIC OCEAN (STICHAEIDAE, LUMPENIDAE). *J. Fish. Res. Board Can.* 33 (8): 1798-1802. Aug. 1976. In English with French summ. SFA 21(3).

71-008560 Fahay, M. P. /PARAXENOMYSTAX/ SP., A MURAENESOCID LEPTOCEPHALUS, IN THE WESTERN NORTH ATLANTIC. *Copeia* 1976(1):210-211. 12 Mar. 1976. SFA 21(1).

71-008561 Fedorov, V. V. and A. V. Neyelov. A NEW GENUS AND SPECIES OF EELPOUT, *ANDRIASHEVIA APTERA* (PERCIFORMES, ZOARCIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):846-850. 1978. SFA 25(2)

71-008562 Fedorov, V. V. DESCRIPTION OF A NEW GENUS AND SPECIES OF A ZOARCID FISH /PUZANOVIA RUBRA/, GEN. ET SP. N. (PISCES, ZOARCIDAE) FROM THE NORTHERN PART OF THE PACIFIC OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):527-531. 1975. SFA 21(3).

71-008563 Fierstine, H. L. A NEW MARLIN, /MAKAIRA PANAMENSIS/, FROM THE LATE MIOCENE OF PANAMA. *Copeia* 1978 (1): 1-11. 10 Feb. 1978. SFA 23(2)

71-008564 Fink, W. L. /HILDATIA/ FERNANDEZ-YEPEZ, A SYNONYM OF THE GYMNOTOID GENUS /STERNOPYGUS/ MULLER AND TROSCHEL. *Copeia* 1979(4):751-752. 28 Nov. 1979. SFA 25(1)

71-008565 Fink, W. L. EVOLUTION AND SYSTEMATICS OF FISHES IN THE STOMIATOIDEA (SALMONIFORMES: STOMIATOIDEI), BASED ON OSTEOLOGY OF THE FINS. *Ph. D. dissertation, George Washington Univ.* 445p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-008566 Fisher, L. E., Jr. RECLASSIFICATION OF THE TELEOSTEAN FISHES RELATED TO THE ECHENEIDAE. *Fla. Sci.* 42 (Suppl. 1): 23. 1979. Abstract only. SFA 24(3)

71-008567 Fitzsimons, J. M. STATUS OF THE NOMINAL SPECIES OF THE FISH GENUS /XENOOPHORUS/ (GOODEIDAE, CYPRINODONTIFORMES) FROM MEXICO. *Occas. Pap. Mus. Zool. La State Univ.* No. 51. 18p. 20 Apr. 1979. SFA 24(4)

71-008568 Fitzsimons, J. M. STATUS OF THE NOMINAL SPECIES OF THE GOODEID FISH GENUS *XENOOPHORUS* (CYPRINODONTIFORMES, OSTEICHTHYES). *Proc. La. Acad. Sci.* 42:82. 1979. Abstract only. SFA 25(2)

71-008569 Forey, P. L. *LATIMERIA*: A PARADOXICAL FISH. *Proc. R. Soc. Lond. B Biol. Sci.* 208(1172):369-384. 17 July 1980. SFA 25(4)

71-008570 Forey, P. L. A FOSSIL CLUPEOMORPH FISH FROM THE ALBIAN OF THE NORTHWEST TERRITORIES OF CANADA, WITH NOTES ON CLADISTIC RELATIONSHIPS OF CLUPEOMORPHS. *J. Zool. (Lond.)* 175 (2): 151-177. Feb. 1975. SFA 22(2)

71-008571 Fourmanoir, P. and Randall, J. E. THREE NEW SPECIES OF SERRANID FISHES OF THE GENUS /PLECTRANTHIAS/ FROM NEW CALEDONIA. *Micronesica* 15(1/2):315-324. June 1979. SFA 25(1)

71-008572 Fritzsche, R. A. and G. D. Johnson. EARLY OSTEOLOGICAL DEVELOPMENT OF WHITE PERCH AND STRIPED BASS WITH EMPHASIS ON IDENTIFICATION OF THEIR LARVAE. *Trans. Am. Fish. Soc.* 109(4):387-406. July 1980. SFA 25(4)

71-008573 Fritzsche, R. A. REVISION OF THE EASTERN PACIFIC SYNGNATHIDAE (PISCES: SYNGNATHIFORMES), INCLUDING BOTH RECENT AND FOSSIL FORMS. *Proc. Calif. Acad. Sci.* 42(6):181-227. 2 July 1980. SFA 25(3)

71-008574 Fritzsche, R. A. A REVISION OF THE EASTERN PACIFIC SYNGNATHIDAE (PISCES: SYNGNATHIFORMES). *Ph. D. dissertation, Univ. Calif. (San Diego)* 197p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976. SFA 21(4)

71-008575 Fryer, G. EVOLUTION OF SPECIES FLOCKS OF CICHLID FISHES IN AFRICAN LAKES. *Z. Zool. Syst. Evolutionsforsch.* 15 (2): 141-165. June 1977. In English with German summ. SFA 23(4)

71-008576 Fuiman, L. A. and D. C. Witman. DESCRIPTIONS AND COMPARISONS OF CATOSTOMID FISH LARVAE: *CATOSTOMUS CATOSTOMUS* AND *MOXOSTOMA ERYTHRURUM*. *Trans. Am. Fish. Soc.* 108(6):604-619. Nov. 1979. SFA 25(2)

71-008577 Fuiman, L. A. DESCRIPTIONS AND COMPARISONS OF CATOSTOMID FISH LARVAE: NORTHERN ATLANTIC DRAINAGE SPECIES. *Trans. Am. Fish. Soc.* 108(6):560-603. Nov. 1979. SFA 25(2)

71-008578 Fulton, W. A DESCRIPTION OF A NEW SPECIES OF /GALAXIAS/ (PISCES: GALAXIIDAE) FROM TASMANIA. *Aust. J. Mar. Freshwater Res.* 29 (1): 109-116. Feb. 1978. SFA 23(3)

71-008579 Fursa, T. I. /CYNOGLOSSUS LIDA/ LARVAE FROM THE ARABIAN SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 962-964. 1977. SFA 24(1)

71-008580 Futch, C. R. LARVAE OF /TRICHOPSETTA VENTRALIS/ (PISCES: BOTHIDAE), WITH COMMENTS ON INTERGENERIC RELATIONSHIPS WITHIN THE BOTHIDAE. *Bull. Mar. Sci.* 27 (4): 740-757. Oct. 1977. SFA 23(2)

71-008581 Garrick, J. A. F. and Paul, L. J. THE TAXONOMY OF NEW ZEALAND SKATES (SUBORDER RAJOIDEA), WITH DESCRIPTIONS OF THREE NEW SPECIES. *J. R. Soc. N.Z.* 4(3):345-377. 1974. SFA 21(1).

71-008582 Gaudant, J. OBSERVATIONS SUR QUELQUES /AMIIDAE/ (PISCES) CENOZOIQUES D'EUROPE OCCIDENTALE. [OBSERVATIONS ON SOME AMIID FISH FROM THE CENOZOIC OF WESTERN EUROPE.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 287 (7): 689-691. 2 Oct. 1978. In French with English summ. SFA 24(2)

71-008583 Gaudant, J. SUR *AMIA KEHRERI* ANDREAE (POISSON AMIIDAE DU LUTÉTIEN DE MESSEL, ALLEMAGNE) ET SA SIGNIFICATION PALÉOGÉOGRAPHIQUE. [ON *AMIA KEHRERI* ANDREAE (AMIID FISH FROM THE LUTETIAN OF MESSEL, GERMANY) AND ITS PALAEOGEOGRAPHICAL SIGNIFICANCE.] *C.R. Seances Acad. Sci. Ser. D Sci. Nat.* 290(16):1107-1110. 28 Apr. 1980. In French with English summ. SFA 25(3)

71-008584 Gaudant, M. RECHERCHES SUR LES RELATIONS PHYLOGENETIQUES DE CERTAINS POISSONS EURYPTERYGII DU CRETACE DE LA MESOGEE OCCIDENTALE. [ON THE PHYLOGENETIC RELATIONSHIPS OF SOME EURYPTERGIAN FISHES FROM THE CRETACEOUS OF WESTERN TETHYS.] *C. R. Seances Acad. Sci. Ser. D Sci. Nat.* 288 (13): 1047-1050. 2 Apr. 1979. In French with English summ. SFA 24(4)

71-008585 Gery, J. and Mahnert, V. DESCRIPTION D'UNE ESPECE ET D'UNE SOUS-ESPECE NOUVELLES D'AFRIQUE OCCIDENTALE DU GENRE /BRYCINUS/ (PISCES, CYPRINIFORMES, CHARACOIDEI), AVEC UNE REVUE DE LA SUPER-ESPECE /BRYCINUS LONGIPINNIS/ (GUNTHER, 1864). [DESCRIPTION OF A NEW SPECIES AND SUBSPECIES OF THE GENUS /BRYCINUS/ FROM WEST AFRICA (PISCES, CYPRINIFORMES, CHARACOIDEI), WITH A REVIEW OF THE SUPERSPECIES /BRYCINUS LONGIPINNIS/ (GUNTHER, 1864).] *Rev. Suisse Zool.* 84(3):617-643. Sept. 1977. In French with English summ. SFA 23(1)

71-008586 Gery, J. RESULTS OF DR. K. H. LULINGS RESEARCH IN ARGENTINA IN 1975: THE RELATIONSHIPS OF THE NAKED CHARACID, /GYMNOCHARACINUS BERGII/ (PISCES, CYPRINIFORMES, CHARACOIDEI) FROM NORTHERN PATAGONIA. *Zool. Anz.* 201 (5/6): 403-409. 1978. In English with German summ. SFA 24(2)

71-008587 Gilbert, C. R. THE NOMINAL NORTH AMERICAN CYPRINID FISH /NOTROPIS HENRYI/ INTERPRETED AS AN INTERGENERIC HYBRID, /CLENOSTOMUS FUNDULOIDES/ X /NOCOMIS LEPTOCEPHALUS/. *Copeia* 1978 (1): 177-181. 10 Feb. 1978. SFA 23(2)

71-008588 Gilbert, C. R. STATUS OF THE WESTERN SOUTH ATLANTIC APOGONID FISH /APOGON AMERICANUS/, WITH REMARKS ON OTHER BRAZILIAN APOGONIDAE. *Copeia* 1977 (1): 25-32. 16 Mar. 1977. SFA 22(3)

71-008589 Gilmore, R. G. /VARICUS MARILYNAE/, A NEW GOBIID FISH FROM FLORIDA. *Copeia* 1979 (1): 126-128. 20 Feb. 1979. SFA 24(2)

71-008590 Glodek, G. S. /RHYNCHODORAS WOODSI/, A NEW CATFISH FROM EASTERN ECUADOR (SILURIFORMES: DORADIDAE) WITH A REDEFINITION OF /RHYNCHODORAS/. *Copeia* 1976(1):43-46. 12 Mar. 1976. SFA 21(1).

71-008591 Gold, J. R. SYSTEMATICS OF WESTERN NORTH AMERICAN TROUT (/SALMO), WITH NOTES ON THE REDBAND TROUT OF SHEEPHEAVEN CREEK, CALIFORNIA. *Can. J. Zool.* 55 (11): 1858-1873. Nov. 1977. In English with French summ. SFA 23(1)

71-008592 Gold, J. R.; Gall, G. A. E. and Nicola, S. J. TAXONOMY OF THE COLORADO CUTTHROAT TROUT (/SALMO CLARKI PLEURITICUS/) OF THE WILLIAMSON LAKES, CALIFORNIA. *Calif. Fish Game* 64 (2): 98-103. Apr. 1978. SFA 23(3)

71-008593 Gomon, M. F. A REVISION OF THE LABRID FISH GENUS /BODIANUS/, WITH AN ANALYSIS OF THE RELATIONSHIPS OF OTHER MEMBERS OF THE TRIBE HYPSIGENYINI. *Ph.D. dissertation, Univ. Miami* 679p. 1979. Oct. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(4):1578. SFA 25(1)

71-008594 Gomon, M. F. and Randall, J. E. REVIEW OF THE HAWAIIAN FISHES OF THE LABRID TRIBE BODIANINI. *Bull. Mar. Sci.* 28(1):32-48. Jan. 1978. SFA 23(2)

71-008595 Goren, M. A NEW GOBIID GENUS AND SEVEN NEW SPECIES FROM SINAI COASTS (PISCES: GOBIIDAE). *Senckenb. Biol.* 59 (3/4): 191-203. 19 Oct. 1978. In English with German summ. SFA 24(2)

71-008596 Goren, M. COMPARATIVE STUDY OF /BATHYGOBIUS FUSCUS/ (RUPPELL) AND RELATED SPECIES OF THE RED SEA, INCLUDING /B. FISHELSONI/ N. SP. (PICES: GOBIIDAE). *Senckenb. Biol.* 58 (5/6): 267-273. 24 Apr. 1978. SFA 23(4)

71-008597 Gosline, W. A. THE CYPRINID DERMOSPHENOTIC AND THE SUBFAMILY RASBORINAE. *Occas. Pap. Mus. Zool. Univ. Mich.* No. 673. 13p. 10 Nov. 1975. SFA 23(4)

71-008598 Gosline, W. A. UNBRANCHED DORSAL-FIN RAYS AND SUBFAMILY CLASSIFICATION IN THE FISH FAMILY CYPRINIDAE. *Occas. Pap. Mus. Zool. Univ. Mich.* No. 684. 21p. 13 July 1978. SFA 23(4)

71-008599 Gosztonyi, A. E. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. XLVIII. REVISION OF THE SOUTH AMERICAN ZOARCIDAE (OSTEICHTHYES, BLENNIOIDEI) WITH THE DESCRIPTION OF THREE NEW GENERA AND FIVE NEW SPECIES. *Arch. Fischereiwiss.* 27 (3): 191-249. Mar. 1977. In English with German and Spanish summ. SFA 22(3)

71-008600 Gould, W. R. THE IDENTITY OF /HYBOGNATHUS NUCHALIS/ (CYPRINIDAE) IN MONTANA. *Proc. Mont. Acad. Sci.* 38: 11-12. 1979. SFA 24(3)

71-008601 Grande, L. /EOHIODON FALCATUS/, A NEW SPECIES OF HIODONTID (PISCES) FROM THE LATE EARLY EOCENE GREEN RIVER FORMATION OF WYOMING. *J. Paleontol.* 53 (1): 103-111. Jan. 1979. SFA 24(2)

71-008602 Greenfield, D. W. and Glodek, G. G. /TRACHELYICHTHYS EXILIS/, A NEW SPECIES OF CATFISH (PICES: AUCHENIPTERIDAE) FROM PERU. *Fieldiana Zool.* 72 (3): 47-58. 19 Dec. 1977. SFA 23(3)

71-008603 Greenfield, D. W. A REVIEW OF THE WESTERN ATLANTIC /STARKSIA OCELLATA/-COMPLEX (PISCES: CLINIDAE) WITH THE DESCRIPTION OF TWO NEW SPECIES AND PROPOSAL OF SUPERSPECIES STATUS. *Fieldiana Zool.* 73 (2): 9-48. 28 Feb. 1979. SFA 24(3)

71-008604 Greenfield, D. W. /EMBLEMARIOPSIS PRICEI/, A NEW SPECIES OF CHAENOPSID BLENNY FROM BLEIZE. *Copeia* 1975(4):713-715. 31 Dec. 1975. SFA 21(1).

71-008605 Greenfield, D. W. /CENTROPOMUS POEYI/ FROM BELIZE, WITH A KEY TO THE WESTERN ATLANTIC SPECIES OF /CENTROPOMUS/. *Copeia* 1975(3):582-583. 5 Aug. 1975. SFA 21(1).

71-008606 Greenwood, P. H. TOWARDS A PHYLETIC CLASSIFICATION OF THE 'GENUS' /HAPLOCHROMIS/ (PISCES, CICHLIDAE) AND RELATED TAXA. PART I. *Bull. Br. Mus. (Nat. Hist.) Zool.* 35(4):265-322. 31 May 1979. SFA 25(1)

71-008607 Greenwood, P. H. A REVIEW OF THE PHARYNGEAL APOPHYSIS AND ITS SIGNIFICANCE IN THE CLASSIFICATION OF AFRICAN CICHLID FISHES. *Bull. Br. Mus. (Nat. Hist.) Zool.* 33 (5): 297-323. 27 Apr. 1978. SFA 23(4)

71-008608 Greenwood, P. H. and Barel, C. D. N. A REVISION OF THE LAKE VICTORIA /HAPLOCHROMIS/ SPECIES (PISCES, CICHLIDAE), PART VIII. *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 33 (2): 141-192. 23 Feb. 1978. SFA 23(4)

71-008609 Greenwood, P. H. A NEW AND EYELESS COBITID FISH (PISCES, CYPRINIFORMES) FROM THE ZAGROS MOUNTAINS, IRAN. *J. Zool. (Lond.)* 180 (1): 129-137. Sept. 1976. SFA 22(2)

71-008610 Gritsenko, O. F. INVESTIGATIONS OF PACIFIC REDFIN VIEWED AS PERSPECTIVE OBJECTS FOR SEA CULTURE AND ACCLIMATION. PART I. SYSTEMATICS. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:139-147. 1974[1977]. SFA 24(4)

71-008611 Gritsenko, O. F. SYSTEMATICS OF FAR EASTERN RUDD OF THE GENUS /TRIBOLODON/ [-/LEUCISCUS BRANDTI/] (CYPRINIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):677-689. 1974. SFA 21(2).

71-008612 Grobecker, D. B. A NEW SPECIES OF ANGLERFISH, GENUS /ONEIRODES/ (ONEIRODIDAE), FROM THE BANDA SEA. *Copeia* 1978 (4): 567-568. 28 Dec. 1978. SFA 24(2)

71-008613 Hardy, G. S. A REDESCRIPTION OF THE ANTITROPICAL PUFFERFISH *AROTHRON FIRMAMENTUM* (PLECTOGNATHI: TETRAODONTIDAE). *N.Z. J. Zool.* 7(1):115-125. 1980. SFA 25(3)

71-008614 Heemstra, P. C. and Randall, J. E. A REVISION OF THE EMMELICHTHYIDAE (PISCES: PERCIFORMES). *Aust. J. Mar. Freshwater Res.* 28 (3): 361-396. June 1977. SFA 23(1)

71-008615 Hensley, D. A. REVISION OF THE INDO-WEST PACIFIC SPECIES OF /ABUDEFDUF/ (PISCES:POMACENTRIDAE). *Ph.D. dissertation, Univ. South Fla.* 281p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3192. Jan. 1979. SFA 24(2)

71-008616 Hensley, D. A. and Smith, G. B. ADDITIONAL DATA ON THE POMACENTRID FISH /CHROMIS SCOTTI/. *Copeia* 1977 (2): 391-393. 25 May 1977. SFA 22(3)

71-008617 Hickman, T. J. and Behnke, R. J. PROBABLE DISCOVERY OF THE ORIGINAL PYRAMID LAKE CUTTHROAT TROUT. *Prog. Fish-Cult.* 41(3):135-137. July 1979. SFA 25(1)

71-008618 Hickman, T. J. SYSTEMATIC STUDY OF THE NATIVE TROUT OF THE BONNEVILLE BASIN. *M.S. thesis, Colo. State Univ.* ix + 122p. May 1978. SFA 24(2)

71-008619 Hickman, T. J. and Duff, D. A. CURRENT STATUS OF CUTTHROAT TROUT SUBSPECIES IN THE WESTERN BONNEVILLE BASIN. *Great Basin Nat.* 38 (2): 193-202. 30 June 1978. SFA 24(2)

71-008620 Hoese, D. F. and Winterbottom, R. A NEW SPECIES OF /LIOTERES/ (PISCES, GOBIIDAE) FROM KWAZULU, WITH A REVISED CHECKLIST OF SOUTH AFRICAN GOBIES AND COMMENTS ON THE GENERIC RELATIONSHIPS AND ENDEMISM OF WESTERN INDIAN OCEAN GOBIOIDS. *R. Ont. Mus. Life Sci. Occas. Pap.* No. 31. 13p. 28 Feb. 1979. SFA 24(4)

71-008621 Hoese, D. F. and Brothers, E. B. /PARATRIMMA/, A NEW GENUS OF GOBIID FISHES AND TWO NEW SPECIES. *Copeia* 1976 (3): 494-497. Aug. 1976. SFA 21(3).

71-008622 Hoese, D. F. VARIATION, SYNONYMY AND A REDESCRIPTION OF THE GOBIID FISH /ARUMA HISTRIO/ AND A DISCUSSION OF THE RELATED GENUS /OPHIOGOBIUS/. *Copeia* 1976 (2): 295-305. May 1976. SFA 21(2).

71-008623 Hong, S. L. REVIEW OF EASTERN PACIFIC /HAEMULON/ WITH NOTES ON JUVENILE PIGMENTATION. *Copeia* 1977 (3): 493-501. 25 Aug. 1977. SFA 22(4)

71-008624 Howell, W. M. and Dingerkus, G. /ETHEOSTOMA NEOPTERUM/, A NEW PERCID FISH FROM THE TENNESSEE RIVER SYSTEM IN ALABAMA AND TENNESSEE. *Bull. Ala. Mus. Nat. Hist.* No. 3. p. 13-26. 28 Feb. 1978. SFA 24(2)

71-008625 Howes, G. J. THE ANATOMY, PHYLOGENY AND CLASSIFICATION OF BARILIINE CYPRINID FISHES. *Bull. Br. Mus. (Nat. Hist.) Zool.* 37(3):129-198. 31 Jan. 1980. SFA 25(2)

71-008626 Hubbs, C. L. and R. L. Wisner. REVISION OF THE SAURIES (PISCES, SCOMBERESOCIDAE) WITH DESCRIPTIONS OF TWO NEW GENERA AND ONE NEW SPECIES. *NOAA Fish Bull.* 77(3):521-566. July 1979. SFA 25(2)

71-008627 Hubbs, C. L. and Miller, R. R. SIX DISTINCTIVE CYPRINID FISH SPECIES REFERRED TO /DIONDA/ INHABITING SEGMENTS OF THE TAMPICO EMBAYMENT DRAINAGE OF MEXICO. *Trans. San Diego Soc. Nat. Hist.* 18 (17): 271-335. 2 Sept. 1977. In English with Spanish summ. SFA 23(4)

71-008628 Hubbs, C. L. and Miller, R. R. /NOTROPIS PANARCYS/ N. SP., AND /N. PROSERPINUS/, CYPRINID FISHES OF SUBGENUS /CYPRINELLA/, EACH INHABITING A DISCRETE SECTION OF THE RIO GRANDE COMPLEX. *Copeia* 1978 (4): 582-592. 28 Dec. 1978. SFA 24(2)

71-008629 Hubbs, C. L. and Miller, R. R. /NOTROPIS TROPICUS/, A NEW CYPRINID FISH FROM EASTERN MEXICO. *Southwest. Nat.* 20 (1): 121-131. 15 May 1975. SFA 22(2)

71-008630 Hubbs, C. L. and Miller, R. R. SIX DISTINCTIVE CYPRINID FISH SPECIES REFERRED TO /DIONDA/ INHABITING SEGMENTS OF THE TAMPICO EMBAYMENT DRAINAGE OF MEXICO. *Trans. San Diego Soc. Nat. Hist.* 18 (17): 267-335. 2 Sept. 1977. In English with Spanish summ. SFA 23(1)

71-008631 Hureau, J.-C.; Staiger, J. C. and Nielsen, J. G. A NEW SPECIES OF DEEP-SEA BROTULID FISH, /TYPHLONUS DELOSOMMATUS/, FROM THE TROPICAL ATLANTIC OCEAN. *Bull. Mar. Sci.* 29 (2): 272-277. Apr. 1979. SFA 24(3)

71-008632 Isbrucker, I. J. H. and Nijssen, H. THE NEOTROPICAL MAILED CATFISHES OF THE GENERA /LAMONTICHTHYS/ P. DE MIRANDA RIBEIRO, 1939 AND /PTEROSTURISOMA/ N. GEN., INCLUDING THE DESCRIPTION OF /LAMONTICHTHYS STIBAROS/ N. SP. FROM ECUADOR (PISCES, SILURIFORMES, LORICARIIDAE). *Bijdr. Dierkd.* 48 (1): 57-80. 1978. SFA 24(2)

71-008633 Isbrucker, I. J. H. and Nijssen, H. THREE NEW SOUTH AMERICAN MAILED CATFISHES OF THE GENERA /RINELORICARIA/ AND /LORICARIICHTHYS/ (PISCES, SILURIFORMES, LORICARIIDAE). *Bijdr. Dierkd.* 48 (2): 191-211. 1979. SFA 24(3)

71-008634 Ivantsoff, W. and Glover, C. J. M. /CRATEROCEPHALUS DALHOUSIENSIS/ N.SP., A SEXUALLY DIMORPHIC FRESHWATER TELEOST (ATHERINIDAE) FROM SOUTH AUSTRALIA. *Aust. Zool.* 18 (2): 88-98. June 1974. SFA 21(4)

71-008635 Iwamoto, T. EASTERN PACIFIC MACROURINE GRENADIERS WITH SEVEN BRANCIOSTEGAL RAYS (PISCES: MACROURIDAE). *Proc. Calif. Acad. Sci.* 42(5):135-179. 22 Dec. 1979. SFA 25(1)

71-008636 Iwamoto, T. EASTERN PACIFIC MACROURIDS OF THE GENUS /COELORINCHUS/ GIORNA (PISCES: GADIFORMES), WITH DESCRIPTION OF A NEW SPECIES FROM CHILE. *Proc. Calif. Acad. Sci.* 41 (12): 307-337. 8 Feb. 1978. SFA 23(3)

71-008637 James, G. D. and Stephenson, A. B. /CARANX GEORGIANUS/ CUVIER, 1933 (PISCES: CARANGIDAE) IN TEMPERATE AUSTRALASIAN WATERS. *J. R. Soc. N.Z.* 4(4):401-410. 1974. SFA 21(1).

71-008638 Johnson, G. D. LIMITS AND RELATIONSHIPS OF THE LUTJANIDAE AND ASSOCIATED FAMILIES. *Ph.D. dissertation, Univ. Calif. (San Diego)* 227p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1659. Oct. 1978. SFA 24(3)

71-008639 Johnson, M. S. BIOCHEMICAL SYSTEMATICS OF THE ATHERININD GENUS /MENIDIA/. *Copeia* 1975(4):662-691. 31 Dec. 1975. SFA 21(1).

71-008640 Johnson, R. K. and Glodek, G. S. TWO NEW SPECIES OF /EVERMANNELLA/ FROM THE PACIFIC OCEAN, WITH NOTES ON OTHER MIDWATER SPECIES ENDEMIC TO THE PACIFIC CENTRAL OR THE PACIFIC EQUATORIAL WATER MASSES. *Copeia* 1975(4):715-730. 31 Dec. 1975. SFA 21(1).

71-008641 Jones, B. C. and Geen, G. H. TAXONOMIC REEVALUATION OF THE SPINY DOGFISH (/SQUALUS ACANTHIAS/ L.) IN THE NORTHEASTERN PACIFIC OCEAN. *J. Fish. Res. Board Can.* 33 (11): 2500-2506. Nov. 1976. In English with French summ. SFA 21(4).

71-008642 Kendall, A. W., Jr. RELATIONSHIPS AMONG AMERICAN SERRANID FISHES BASED ON THE MORPHOLOGY OF THEIR LARVAE. *Ph.D. dissertation, Univ. Calif. (San Diego)* 224p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4002. Mar. 1978. SFA 23(3)

71-008643 Kingston, D. I. /SKIFFIA FRANCESAE/, A NEW SPECIES OF GOODEID FISH FROM WESTERN MEXICO. *Copeia* 1978 (3): 503-508. 10 Aug. 1978. SFA 23(4)

71-008644 Klar, G. T. and Stalnaker, C. B. ELECTROPHORETIC VARIATION IN MUSCLE LACTATE DEHYDROGENASE IN SNAKE VALLEY CUTTHROAT TROUT /SALMO CLARKI/ SUBSP. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(4):391-394. 1979. SFA 25(1)

71-008645 Klawe, W. L. WHAT IS A TUNA? *Mar. Fish. Rev.* 39 (11): 1-5. Nov. 1977. SFA 23(2)

71-008646 Klyukanov, V. A. THE SYSTEMATIC POSITION OF THE OSMERIDAE IN THE ORDER SALMONIFORMES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 1-17. 1975. SFA 21(2).

71-008647 Kok, H. M. and Blaber, S. J. M. A NEW FRESHWATER GOBY (TELEOSTEI: GOBIIDAE) FROM THE PONGOLO FLOODPLAIN, ZULULAND, SOUTH AFRICA. *Zool. Afr.* 12 (1): 163-168. 1977. SFA 23(1)

71-008648 Kondjurin, V. V. and N. A. Myagkov. ON TAXONOMIC STATUS OF *SQUALUS ACUTIPINNIS* REGAN, 1908 (SQUALIDAE, SQUALIFORMES) FROM THE SOUTH AFRICAN WATERS. *Zool. Zh.* 58(10):1604-1606. Oct. 1979. In Russian with English summ. SFA 25(2)

71-008649 Kotlyar, A. N. A CONTRIBUTION TO THE SYSTEMATICS OF "ARMLESS" FLOUNDERS (PISCES, BOTHIDAE) FROM THE SOUTH-WESTERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):708-721. 1978. SFA 25(2)

71-008650 Kovalevskaya, N. V. LARVAE AND FRY OF FLYING FISHES FROM THE FAMILY EXOCOETIDAE, /CHEILOPOGON CYANOPTERUS/, /C. SPILONOTOPTERUS/ AND /C. LONGIBARBUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 259-267. 1977. SFA 23(3)

71-008651 Krefft, G. and Stehmann, M. ERGEBNISSE DER FORSCHUNGSREISEN DES FFS "WALTHER HERWIG" NACH SUEDAMERIKA. XXXVI. ZWEI WEITERE NEUE ROCHENARTEN AUS DEM SUEDWESTATLANTIK: /RAJA (DIPTURUS) LEPTOCAUDA/ UND /RAJA (DIPTURUS) TRACHYDERMA/ SPEC. NOV. (CHONDRICHTHYES, BATOIDEI, RAJIDAE). [RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA XXXVI. TWO MORE SPECIES OF SKATES FROM THE SOUTHERN WEST ATLANTIC, NEW TO SCIENCE: /RAJA (DIPTURUS) LEPTOCAUDA/ AND /RAJA (DIPTURUS) TRACHYDERMA/ N. SPP. (CHONDRICHTHYES, BATOIDEI, RAJIDAE).] *Arch. Fischereiwiss.* 26(3):77-97. Apr. 1975. In German with English summ. SFA 21(4)

71-008652 Kullander, S. O. /PAPILIOCHROMIS/ GEN.N., A NEW GENUS OF SOUTH AMERICAN CICHLID FISH (TELEOSTEI, PERCIFORMES). *Zool. Scr.* 6 (3): 253-254. 1977. SFA 23(2)

71-008653 Laroche, W. A. DESCRIPTION OF LARVAL AND EARLY JUVENILE VERMILION SNAPPER, /RHOMBOPLITES AURORUBENS/. *NOAA Fish. Bull.* 75 (3): 547-559. July 1977. SFA 23(1)

71-008654 Larson, H. K. A NEW SPECIES OF /EVIOTA/ WITH DISCUSSION OF THE NOMINAL GENERA /EVIOTA/ AND /EVIOTOPS/. *Copeia* 1976(3):498-502. Aug. 1976. SFA 21(3).

71-008655 Leiby, M. M. and R. W. Yerger. THE GENUS *BASCANICHTHYS* (PISCES: OPHICHTHIDAE) IN THE GULF OF MEXICO. *Copeia* 1980(3):402-408. 6 Sept. 1980. SFA 25(4)

71-008656 Leis, J. M. SYSTEMATICS AND ZOOGEOGRAPHY OF THE PORCUPINEFISHES (/DIODON/, DIODONTIDAE, TETRAODONTIFORMES), WITH COMMENTS ON EGG AND LARVAL DEVELOPMENT. *NOAA Fish. Bull.* 76 (3): 535-567. July 1978. SFA 24(1)

71-008657 Litvinenko, N. I. *SEBASTES FASCIATUS KELLYI* (SCORPAENIDAE) FROM COASTAL WATERS OFF EASTPORT MAINE, USA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):1-14. 1979. SFA 25(4)

71-008658 Lubbock, R. A NEW HAWKFISH OF THE GENUS /AMBLYCIRRHITUS/ GILL 1862, FROM ASCENSION ISLAND / SOUTH ATLANTIC (PISCES: PERCIFORMES: PERCOIDEI: CIRRHITIDAE). *Senckenb. Biol.* 58 (5/6): 261-265. 24 Apr. 1978. SFA 23(4)

71-008659 Lubbock, R. and Polunin, N. V. C. NOTES ON THE INDO-WEST PACIFIC GENUS /CTENOGOBIOPS/ (TELEOSTEI: GOBIIDAE), WITH DESCRIPTIONS OF THREE NEW SPECIES. *Rev. Suisse Zool.* 84 (2): 505-514. June 1977. SFA 22(4)

71-008660 Lugaski, T. /GILA TRAINI/, A NEW PLIOCENE CYPRINID FISH FROM JERSEY VALLEY, NEVADA. *J. Paleontol.* 53(5):1160-1164. Sept. 1979. SFA 25(1)

71-008661 Lugaski, T. /FUNDULUS LARIVERSI/, A NEW MIOCENE FOSSIL CYPRINODONT FISH FROM NEVADA. *Wassmann J. Biol.* 35 (2): 203-211. 1977. SFA 24(2)

71-008662 MacDonald, C. M. MORPHOLOGICAL AND BIOCHEMICAL SYSTEMATICS OF AUSTRALIAN FRESHWATER AND ESTUARINE PERCICHTHYID FISHES. *Aust. J. Mar. Freshwater Res.* 29 (5): 667-698. Oct. 1978. SFA 24(2)

71-008663 Maisey, J. G. THE FOSSIL SELACHIAN FISHES /PALAEOSPINAX/ EGERTON, 1872 AND /NEMACANTHUS/ AGASSIZ, 1837. *Zool. J. Linn. Soc.* 60 (3): 259-273. Apr. 1977. SFA 22(3)

71-008664 Manooch, C. S. III; Huntsman, G. R.; Sullivan, B. and Elliott, J. CONSPECIFIC STATUS OF THE SPARID FISHES /PAGRUS SEDECIM/ GINSBURG AND /PAGRUS PAGRUS/ LINNAEUS. *Copeia* 1976(4):678-684. 30 Dec. 1976. SFA 22(2)

71-008665 Markle, D. F. and N. R. Merrett. THE ABYSSAL ALEPOCEPHALID, *RINOCTES NASUTUS* (PISCES: SALMONIFORMES), A REDESCRIPTION AND AN EVALUATION OF ITS SYSTEMATIC POSITION. *J. Zool. (Lond.)* 190(2):225-239. Feb. 1980. SFA 25(2)

71-008666 Markle, D. F. A NEW SPECIES AND A REVIEW OF THE DEEP-SEA FISH GENUS *Asquamiceps* (SALMONIFORMES: ALEPOCEPHALIDAE). *Bull. Mar. Sci.* 30(1):45-53. Jan. 1980. SFA 25(2)

71-008667 Markle, D. F. and Sedberry, G. R. A SECOND SPECIMEN OF THE DEEP-SEA FISH, /PACHYCARA OBESA/, WITH A DISCUSSION OF ITS CLASSIFICATION AND A CHECKLIST OF OTHER ZOARCIDAE OFF VIRGINIA. *Copeia* 1978 (1): 22-25. 10 Feb. 1978. SFA 23(2)

71-008668 Markle, D. F. PRELIMINARY STUDIES ON THE SYSTEMATICS OF DEEP-SEA ALEPOCEPHALOIDEA (PICES: SALMONIFORMES). *Ph.D. dissertation, Coll. William and Mary in Va.* 240 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-008669 Markle, D. F. TAXONOMY AND DISTRIBUTION OF /ROULEINA ATTRITA/ AND /ROULEINA MADERENSIS/ (PISCES: ALEPOCEPHALIDAE). *NOAA Fish. Bull.* 76 (1): 79-87. Jan. 1978. SFA 23(3)

71-008670 Matthews, F. D. *COTTUS GIRARDI* (PISCES: COTTIDAE), A VALID SPECIES. *Copeia* 1980(1):158-159. 1 Feb. 1980. SFA 25(2)

71-008671 Mayden, R. L. and Page, L. M. SYSTEMATICS OF /PERCINA ROANOKA/ AND /P. CRASSA/, WITH COMPARISONS TO /P. PELTATA/ AND /P. NOTOGRAMMA/ (PISCES: PERCIDAE). *Copeia* 1979 (3): 413-426. 1 Aug. 1979. SFA 24(4)

71-008672 Mayer, G. F. RESULTS OF THE RESEARCH CRUISES OF FRV "WALTHER HERWIG" TO SOUTH AMERICA. XXXIX. THE EPIGONINE FAUNA OF THE SOUTH ATLANTIC, WITH KEY TO THE GENERA AND A REDESCRIPTION OF /ROSENBLATTIA ROBUSTA/ MEAD AND DE FALLA. *Arch. Fischereiwiss.* 26(1):13-28. Aug. 1975. In English with German summ. SFA 21(4)

71-008673 McAllister, D. E. and Smith, C. L. MENSURATIONS MORPHOLOGIQUES, DENOMBREMENTS MERISTIQUES ET TAXONOMIE DU COELANCANTHE, /LATIMERIA CHALUMNAE/. [MORPHOLOGICAL MEASUREMENTS, MERISTIC NUMBERS AND TAXONOMY OF THE COELACANTH, /LATIMERIA CHALUMNAE/.] *Nat. Can. (Que.)* 105(2):63-76. Mar.-Apr. 1978. In French with English summ. SFA 24(1)

71-008674 McAllister, D. E. and Aniskowicz, J. VERTEBRAL NUMBER IN NORTH AMERICAN SCULPINS OF THE /MYOXOCEPHALUS QUADRICORNIS/-COMPLEX. *J. Fish. Res. Board Can.* 33 (12): 2792-2799. Dec. 1976. In English with French summ. SFA 22(1)

71-008675 McCarthy, L. V. EASTERN PACIFIC /RYPTICUS/ (PISCES: GRAMMISTIDAE). *Copeia* 1979 (3): 393-400. 1 Aug. 1979. SFA 24(4)

71-008676 McCosker, J. E. SYNONYMY AND DISTRIBUTION OF /CALLOPLESIOPS/ (PISCES: PLESIOPIDAE). *Copeia* 1978 (4): 707-710. 28 Dec. 1978. SFA 24(2)

71-008677 McCosker, J. E. THE SNAKE EELS (PISCES, OPHICHTHIDAE) OF THE HAWAIIAN ISLANDS, WITH THE DESCRIPTION OF TWO NEW SPECIES. *Proc. Calif. Acad. Sci.* 42 (2): 57-67. 2 Mar. 1979. SFA 24(2)

71-008678 McDowall, R. M. THE CENTROLOPHID GENUS /TUBBIA/ (PISCES: STROMATEOIDEI). *Copeia* 1979(4):733-738. 28 Nov. 1979. SFA 25(1)

71-008679 McDowall, R. M. and Fulton, W. A REVISION OF THE GENUS /PARAGALAXIAS/ SCOTT (SALMONIFORMES: GALAXIIDAE). *Aust. J. Mar. Freshwater Res.* 29 (1): 93-108. Feb. 1978. SFA 23(3)

71-008680 McDowall, R. M. THE STATUS OF THE SOUTH AFRICAN GALAXIID (PISCES, GALAXIIDAE). *Ann. Cape Prov. Mus. Nat. Hist.* 9 (5): 91-101. 31 Jan. 1975. SFA 22(3)

71-008681 McDowell, R. M. and Fulton, W. A FURTHER NEW SPECIES OF /PARAGALAXIAS/ SCOTT (SALMONIFORMES: GALAXIIDAE) FROM TASMANIA WITH A REVISED KEY TO THE SPECIES. *Aust. J. Mar. Freshwater Res.* 29 (5): 659-665. Oct. 1978. SFA 24(2)

71-008682 McEachran, J. D. and Martin, C. O. INTERRELATIONSHIPS AND SUBGENERIC CLASSIFICATION OF /RAJA ERINACEA/ AND /R. OCELLATA/ BASED ON CLASPERS, NEUROCRANIA AND PELVIC GIRDLES (PISCES: RAJIDAE). *Copeia* 1978 (4): 593-601. 28 Dec. 1978. SFA 24(2)

71-008683 McEachran, J. D. VARIATION IN /RAJA GARMANI/ AND THE STATUS OF /RAJA LENTIGINOSA/ (PISCES: RAJIDAE). *Bull. Mar. Sci.* 27 (3): 423-439. July 1977. SFA 22(4)

71-008684 McEachran, J. D. and Stehmann, M. SUBGENERIC PLACEMENT OF /RAJA BATHYPHILA/ BASED ON ANATOMICAL CHARACTERS OF THE CLASPER, CRANIUM AND PELVIC GIRDLE. *Copeia* 1977 (1): 20-25. 16 Mar. 1977. SFA 22(3)

71-008685 McKinney, J. F. and Lachner, E. A. TWO NEW SPECIES OF /CALLOGOBIUS/ FROM INDO-PACIFIC WATERS (TELEOSTEI: GOBIIDAE). *Proc. Biol. Soc. Wash.* 91 (1): 203-215. 3 May 1978. SFA 23(3)

71-008686 Mees, G. F. ON THE IDENTITY OF /ARIUS ONCINUS/ R.H. SCHOMBURGK (PISCES, NEMATOGNATHI, AUCHENIPTERIDAE). *Zool. Meded. Rijksmus. Nat. Hist. Leiden* 52 (23): 267-276. 3 Feb. 1978. SFA 24(2)

71-008687 Menzel, B. W. BIOCHEMICAL SYSTEMATICS AND EVOLUTIONARY GENETICS OF THE COMMON SHINER SPECIES GROUP. *Biochem. Syst. Ecol.* 4: 281-293. 1976. SFA 23(2)

71-008688 Merrett, N. R. *BATHYTYPHLOPS SEWELLI* (PISCES: CHLOROPHTHALMIDAE) A SENIOR SYNONYM OF *B. AZORENSIS*, FROM THE EASTERN NORTH ATLANTIC WITH NOTES ON ITS BIOLOGY. *Zool. J. Linn. Soc.* 68(2):99-109. Feb. 1980. SFA 25(2)

71-008689 Meyer, M. K. and M. Schartl. EINE NEUE *XIPHOPHORUS*-ART AUS VERA CRUZ, MEXIKO. [A NEW *XIPHOPHORUS* SPECIES FROM VERA CRUZ, MEXICO.] *Senckenbergiana Biol.* 60(3/4):147-151. 1980. In German with English summ. SFA 25(3)

71-008690 Miles, R. S. DIPNOAN (LUNGFISH) SKULLS AND THE RELATIONSHIPS OF THE GROUP: A STUDY BASED ON NEW SPECIES FROM THE DEVONIAN OF AUSTRALIA. *Zool. J. Linn. Soc.* 61 (1-3): 1-328. Aug.-Sept.-Nov. 1977. SFA 23(2)

71-008691 Miller, P. J. and Wongrat, P. A NEW GOBY (TELEOSTEI: GOBIIDAE) FROM THE SOUTH CHINA SEA AND ITS SIGNIFICANCE FOR GOBIOID CLASSIFICATION. *Zool. J. Linn. Soc.* 67(3):239-257. Nov. 1979. SFA 25(1)

71-008692 Miller, P. J. GOBIES FROM RHODES AND THE SYSTEMATIC FEATURES OF /ZEBRUS ZEBRUS/ (TELEOSTEI: GOBIIDAE). *Zool. J. Linn. Soc.* 60 (4): 339-362. June 1977. SFA 22(4)

71-008693 Miller, P. J. THE SYSTEMATIC POSITON AND ORIGIN OF /GOBIUS OCHETICUS/ NORMAN, 1927, FROM THE SUEZ CANAL. *Zool. J. Linn. Soc.* 62 (1): 39-58. Jan. 1978. SFA 23(3)

71-008694 Miller, P. J. THE STATUS OF THE WEST AFRICAN FISH /GOBIUS NIGRICINCTUS/ WITH REFERENCE TO NEW WORLD AUTOCHTHONES AND AN OLD WORLD COLOUR-ANALOGUE. *Zool. J. Linn. Soc.* 64 (1): 27-39. Sept. 1978. SFA 24(2)

71-008695 Miller, R. R. and Echelle, A. A. /CYPRINODON TULAROSA/, A NEW CYPRINODONTID FISH FROM THE TULAROSA BASIN, NEW MEXICO. *Southwest. Nat.* 19 (4): 365-377. 20 Jan. 1975. SFA 22(2)

71-008696 Miller, R. R. FOUR NEW PUPFISHES OF THE GENUS /CYPRINODON/ FROM MEXICO, WITH A KEY TO THE /C. EXIMIUS/ COMPLEX. *Bull. South. Calif. Acad. Sci.* 75 (2): 68-75. Aug. 1976. SFA 22(2)

71-008697 Morton, W. M. GOODBYE DOLLY. *Fisheries (Bull. Am. Fish. Soc.)* 5(3):17-21. May-June 1980. SFA 25(3)

71-008698 Moser, H. G.; Ahlstrom, E. H. and Sandknop, E. M. GUIDE TO THE IDENTIFICATION OF SCORPIONFISH LARVAE (FAMILY SCORPAENIDAE) IN THE EASTERN PACIFIC WITH COMPARATIVE NOTES ON SPECIES OF /SEBASTES/ AND /HELICOLENUS/ FROM OTHER OCEANS. *NOAA Tech. Rep. NMFS* Circ. 402. v + 71 p. Apr. 1977. SFA 22(3)

71-008699 Musiy, Yu. I. and Sergiyenko, V. A. FINGERLINGS OF THE GENUS /LUTJANUS/ (LUTJANIDAE, PERCIFORMES) FROM THE GULF OF ADEN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (1): 151-154. 1977. SFA 23(3)

71-008700 Myagkov, N. A. and Kondyurin, V. V. [TAXONOMIC STATUS OF SPINY DOGFISHES OF THE GENUS /SQUALUS/ IN THE EAST ATLANTIC.] *Zool. Zh.* 62 (1): 143-145. Jan. 1978. In Russian with English summ. SFA 23(3)

71-008701 Nafpaktitis, B. G. SYSTEMATICS AND DISTRIBUTION OF LANTERNFISHES OF THE GENERA /LOBIANCHIA/ AND /DIAPHUS/ (MYCTOPHIDAE) IN THE INDIAN OCEAN. *Nat. Hist. Mus. Los Angeles Cty. Sci. Bull.* 30. 92p. 10 Apr. 1978. SFA 24(2)

71-008702 Nair, R. V.; Appaukuttan, K. K. and Rajapandian, M. E. ON THE SYSTEMATICS AND IDENTITY OF FOUR PELAGIC SHARKS OF THE FAMILY CARCHARHINIDAE FROM INDIAN REGION. *Indian J. Fish.* 21 (1): 220-232. 1974. SFA 23(2)

71-008703 Nalbant, T. T. and Banarescu, P. M. VAILLANTELLINAE, A NEW SUBFAMILY OF COBITIDAE (PISCES, CYPRINIFORMES). *Zool. Meded. Rijksmus. Nat. Hist. Leiden* 52(8):99-105. 26 Oct. 1977. SFA 24(2)

71-008704 Nekrasov, V. V. [THE TAXONOMIC STATUS AND DISTRIBUTION OF /TRACHURUS INDICUS/ (PERCIFORMES, CARANGIDAE).] *Zool. Zh.* 56 (10): 1574-1578. Oct. 1977. In Russian with English summ. SFA 23(2)

71-008705 Nekrasov, V. V. SYSTEMATIC POSITION OF HORSE MACKEREL OF THE GENUS /TRACHURUS/ FROM THE WESTERN PART OF THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 15-19. 1978. SFA 24(3)

71-008706 Nelson, J. S. *PSYCHROLUTES SIO*, A NEW PSYCHROLUTID FISH (SORPAENIFORMES) FROM THE SOUTHEASTERN PACIFIC. *Can. J. Zool.* 58(3):443-449. Mar. 1980. In English with French summ. SFA 25(2)

71-008707 Nelson, J. S. /BEMBROPS MORELANDI/, A NEW PERCOPHIDID FISH FROM NEW ZEALAND, WITH NOTES ON OTHER MEMBERS OF THE GENUS. *Natl. Mus. N.Z. Rec.* 1(14):237-241. Oct. 1978. SFA 25(1)

71-008708 Nelson, J. S. /LIMNICHTHYS POLYACTIS/, A NEW SPECIES OF BLENNIOID FISH FROM NEW ZEALAND WITH NOTES ON THE TAXONOMY AND DISTRIBUTION OF OTHER CREEDIIDAE (INCLUDING LIMNICHTHYIDAE). *N. Z. J. Zool.* 5 (2): 351-364. June 1978. SFA 23(4)

71-008709 Nelson, J. S. /BEMBROPS MORELANDI/, A NEW PERCOPHIDID FISH FROM NEW ZEALAND, WITH NOTES ON OTHER MEMBERS OF THE GENUS. *Natl. Mus. N.Z. Rec.* 1 (14): 237-241. Oct. 1978. SFA 24(3)

71-008710 Nelson, J. S. FISHES OF THE SOUTHERN HEMISPHERE GENUS /NEOPHRYNICHTHYS/ (SCORPAENIFORMES: COTTOIDEI), WITH DESCRIPTIONS OF TWO NEW SPECIES FROM NEW ZEALAND AND MACQUARIE ISLAND. *J. R. Soc. N.Z.* 7 (4): 485-511. 1977. SFA 23(3)

71-008711 Nelson, J. S. REVISION OF THE FISHES OF THE NEW ZEALAND GENUS *HEMEROCOETES* (PERCIFORMES: PERCOPHIDIDAE), WITH DESCRIPTIONS OF TWO NEW SPECIES. *N.Z. J. Zool.* 6(4):587-599. Dec. 1979. SFA 25(2)

71-008712 Nybelin, O. CONTRIBUTIONS TO TAXONOMY AND MORPHOLOGY OF THE GENUS /ELOPS/ (PISCES, TELEOSTEI). *Acta Regiae Soc. Sci. Lit. Gothoburg. Zool.* 12. 37p. 12 Mar. 1979. SFA 25(1)

71-008713 Olney, J. E. and Grant, G. C. EARLY PLANKTONIC LARVAE OF THE BLACKCHEEK TONGUEFISH, /SYMPHURUS PLAGIUSA/ (PISCES: CYNOGLOSSIDAE), IN THE LOWER CHESAPEAKE BAY. *Chesapeake Sci.* 17 (4): 229-237. Dec. 1976. SFA 22(1)

71-008714 Osipov, V. G. DISTRIBUTION OF SAURY (/SCOMBERESOX SAURUS/) FINGERLINGS IN THE VICINITY OF NEW ZEALAND. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 495-496. 1975. SFA 21(4)

71-008715 Page, L. M. and Braasch, M. E. SYSTEMATIC STUDIES OF DARTERS OF THE SUBGENUS /CATONOTUS/ (PERCIDAE), WITH THE DESCRIPTION OF A NEW SPECIES FROM THE DUCK RIVER SYSTEM. *Univ. Kans. Mus. Nat. Hist. Occas. Pap.* 63. 18p. 1 Apr. 1977. SFA 23(1)

71-008716 Page, L. M. and Braasch, M. E. SYSTEMATIC STUDIES OF DARTERS OF THE SUBGENUS /CATONOTUS/ (PERCIDAE), WITH THE DESCRIPTION OF A NEW SPECIES FROM THE LOWER CUMBERLAND AND TENNESSEE RIVER SYSTEMS. *Univ. Kans. Mus. Nat. Hist. Occas. Pap.* 60. 18p. 20 Oct. 1976. SFA 23(1)

71-008717 Page, L. M. and Smith, P. W. VARIATION AND SYSTEMATICS OF THE STRIPETAIL DARTER, /ETHEOSTOMA KENNICOTTI/. *Copeia* 1976 (3): 532-541. Aug. 1976. SFA 21(3).

71-008718 Page, L. M. RELATIONS AMONG THE DARTERS OF THE SUBGENUS /CATONOTUS/ OF /ETHEOSTOMA/. *Copeia* 1975(4):782-784. 31 Dec. 1975. SFA 21(1).

71-008719 Palmer, G. and Oelschlager, H. A. USE OF THE NAME /LAMPRIS GUTTATUS/ (BRUNNICH, 1788) IN PREFERENCE TO /LAMPRIS REGIUS/ (BONNATERRE, 1788) FOR THE OPAH. *Copeia* 1976 (2): 366-367. May 1976. SFA 21(2).

71-008720 Parin, N. V. *MELANOSTIGMA (BANDICHTHYS) VITIAZI* - A NEW DEEP-SEA FISH (MELANOSTIGMATIDAE, OSTEICHTHYES) FROM THE BANDA SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):150-153. 1979. SFA 25(3)

71-008721 Parin, N. V. and A. W. Ebeling. A NEW WESTERN PACIFIC *POROMITRA* (PISCES: MELAMPHAIDAE). *Copeia* 1980(1):87-93. 1 Feb. 1980. SFA 25(2)

71-008722 Paulin, C. D. and J. M. Moreland. *CONGIOPODUS CORIACEUS*, A NEW SPECIES OF PIGFISH, AND A REDESCRIPTION OF *C. LEUCOPAECILUS* (RICHARDSON), FROM NEW ZEALAND (PISCES: CONGIOPODIDAE). *N.Z. J. Zool.* 6(4):601-608. Dec. 1979. SFA 25(2)

71-008723 Paulin, C. D. NEW ZEALAND ROUGHIES (PISCES: BERYCOMORPHII: TRACHICHTHYIDAE). *N.Z. J. Zool.* 6 (1): 69-76. Mar. 1979. SFA 24(4)

71-008724 Peden, A. E. A SYSTEMATIC REVISION OF THE HEMILEPIDOTINE FISHES (COTTIDAE). *Syesis* 11:11-49. 1978. SFA 25(2)

71-008725 Peden, A. E. and Anderson, M. E. A SYSTEMATIC REVIEW OF THE FISH GENUS /LYCODAPUS/ (ZOARCIDAE) WITH DESCRIPTIONS OF TWO NEW SPECIES. *Can. J. Zool.* 56 (9): 1925-1961. Sept. 1978. In English with French summ. SFA 24(1)

71-008726 Perez, J. E.; Cervigon, F.; Cequea, H.; Gonzalez, D.; Padron, M. and Subero, L. ESTUDIO DE LAS RELACIONES TAXONOMICAS DE ALGUNOS GENEROS DE LA FAMILIA ENGRAULIDAE (PICES) BASADO EN CARACTERES BIOQUIMICOS. [STUDIES OF TAXONOMIC RELATIONS OF SOME GENERA OF THE FAMILY ENGAULIDAE (PISCES) BASED ON BIOCHEMICAL CHARACTERISTICS.] *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14 (2): 227-232. Dec. 1975. In Spanish with English summ. SFA 22(3)

71-008727 Permitin, Yu. Ye. and Sazonov, Yu. I. THE SYSTEMATICS OF /NOTOTHENIA SQUAMIFRONS/ GUNTHER AND RELATED SPECIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):503-514. 1974. SFA 21(2).

71-008728 Pertseva-Ostroumova, T. A. LARVAE OF THE LANTERNFISH, /DIAPHUS AGASSIZI/ (MYCTOPHIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (4): 606-610. 1975. SFA 21(3).

71-008729 Pietsch, T. W. and J. P. Van Duzer. SYSTEMATICS AND DISTRIBUTION OF CERATIOID ANGLERFISHES OF THE FAMILY MELANOCETIDAE WITH THE DESCRIPTION OF A NEW SPECIES FROM THE EASTERN NORTH PACIFIC OCEAN. *NOAA Fish. Bull.* 78(1):59-87. 1980. SFA 25(4)

71-008730 Pietsch, T. W. EVOLUTIONARY RELATIONSHIPS OF THE SEA MOTHS (TELEOSTEI: PEGASIDAE) WITH A CLASSIFICATION OF GASTEROSTEIFORM FAMILES. *Copeia* 1978 (3): 517-529. 10 Aug. 1978. SFA 23(4)

71-008731 Pietsch, T. W. A NEW GENUS AND SPECIES OF CERATIOID ANGLERFISH FROM THE NORTH PACIFIC OCEAN WITH A REVIEW OF THE ALLIED GENERA /CTENOCHIRICHTHYS/, /CHIROPHRYNE/ AND /LEPTACANTHICHTHYS/. *Nat. Hist. Mus. Los Ang. Cty. Contrib. Sci.* No. 297. 25p. 22 May 1978. SFA 23(4)

71-008732 Pinchuk, V. I. SYSTEMATICS OF THE GOBY, GENERA /GOBIUS/ LINNE (NATIVE SPEICES), /NEOGOBIUS/ ILJINU AND /MESOGOBIUS/ BLEEKER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 543-552. 1976. SFA 23(1)

71-008733 Pinchuk, V. I. THE SYSTEMATICS OF GOBIES OF THE GENERA /GOBIUS/ LINNE (NATIVE SPECIES), /NEOGOBIUS/ ILJN AND /MESOGOBIUS/ BLEEKER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (4): 517-525. 1977. SFA 23(4)

71-008734 Pinchuk, V. I. [A NEW SPECIES OF GOBY FROM THE WESTERN PART OF THE BLACK SEA, /KNIPOWITSCHIA GEORGHIEVI/ PINCHUK, SP. N. (GOBIIDAE, PISCES).] *Zool. Zh.* 57 (5): 796-799. May 1978. In Russian with English summ. SFA 23(4)

71-008735 Pinchuk, V. I. NOTES AND SUPPLEMENTS TO THE FAMILY GOBIIDAE IN THE BOOK BY LINDBERG AND KRASYUKOVA "FISH OF THE SEA OF JAPAN AND THE NEIGHBORING PARTS OF THE SEA OF OKHOTSK AND THE YELLOW SEA", PART 4, 1975 WITH A DESCRIPTION OF A NEW SPECIES /CHAENOGOBIUS TARANETZI/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 1-14. 1978. SFA 24(3)

71-008736 Pinchuk, V. I. /ALECTRIDIUM AURANTIACUM/ FROM THE COMMANDER ISLANDS AND /PSEUDOALECTRIAS TARASOV/ FROM THE KURIL ISLANDS, AND AN UNUSUAL SPECIMEN OF /STICHAEOPSIS EPALLAX/ (PISCES, STICHAEIDAE). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 818-824. 1974. SFA 21(2).

71-008737 Pineda-Polo, F. H. THE TAXONOMY AND DISTRIBUTION OF CHAETOGNATHS IN THE BIGHT OF PANAMA. *Ph. D. dissertation, Stanford Univ.* 393p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-008738 Poss, S. G. and W. N. Eschmeyer. *XENAPLOACTIS*, A NEW GENUS FOR *PROSOPODASYS ASPERRIMUS* GÜNTHER (PISCES: APLOACTINIDAE), WITH DESCRIPTIONS OF TWO NEW SPECIES. *Proc. Calif. Acad. Sci.* 42(8):287-293. 2 July 1980. SFA 25(3)

1-008739 Poss, S. G. and Eschmeyer, W. N. TWO NEW AUSTRALIAN VELVETFISHES, GENUS /PARAPLOACTIS/ (SCORPAENIFORMES: APLOACTINIDAE), WITH A REVISION OF THE GENUS AND COMMENTS ON THE GENERA AND SPECIES OF THE APLOACTINIDAE. *Proc. Calif. Acad. Sci.* 41 (18): 401-426. 28 Dec. 1978. SFA 24(2)

1-008740 Post, A. BESCHREIBUNG ZWEIER /NOTOLEPIS/ARTEN, /N. COATSI/ DOLLO, 1908 UND /N. ANNULATA/ SP. N. AUS DER ANTARKTIS (OSTEICHTHYES, MYCTOPHIFORMES, PARALEPIDIDAE). [DESCRIPTION OF TWO SPECIES OF THE GENUS NOTOLEPIS/, /N. COATSI/ DOLLO, 1908 AND /N. ANNULATA/ SP. N. FROM THE ANTARCTIC SEA (OSTEICHTHYES, MYCTOPHIFORMES, PARALEPIDIDAE).] *Arch. Fischereiwiss.* 29 (1/2): 1-22. June 1978. In German with English summ. SFA 23(4)

71-008741 Potter, I. C. and Osborne, T. S. THE SYSTEMATICS OF BRITISH LARVAL LAMPREYS. *J. Zool. (Lond.)* 176(3):311-329. July 1975. SFA 22(3)

71-008742 Powles, H. and Burgess, W. E. OBSERVATIONS ON BENTHIC LARVAE OF PAREQUES/ (PISCES: SCIAENIDAE) FROM FLORIDA AND COLOMBIA. *Copeia* 1978 (1): 169-172. 10 Feb. 1978. SFA 23(2)

71-008743 Powles, H. and Stender, B. W. TAXONOMIC DATA ON THE EARLY LIFE HISTORY STAGES OF SCIAENIDAE OF THE SOUTH ATLANTIC BIGHT OF THE UNITED STATES. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 31. ii + 64p. Oct. 1978. SFA 24(2)

71-008744 Powles, H. DESCRIPTIONS OF LARVAL SILVER PERCH, *BAIRDIELLA CHRYSOURA*, BANDED DRUM, *LARIMUS FASCIATUS*, AND STAR DRUM, *STELLIFER LANCEOLATUS* (SCIAENIDAE). *NOAA Fish. Bull.* 78(1):119-136. 1980. SFA 25(4)

71-008745 Ragimov, D. B. ON THE SYSTEMATIC STATUS OF SOME SPECIES OF THE GENUS *BENTHOPHILUS* (FAMILY GOBIIDAE) FROM THE CASPIAN SEA AND THE SEA OF AZOV. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):701-708. 1978. SFA 25(2)

71-008746 Rahman, A. K. A. TAXONOMIC ACCOUNT OF THE FISHES OF THE GENUS /BARILIUS/ HAMILTON FROM RIVERS OF BANGLADESH. *Bangladesh J. Sci. Ind. Res.* 12 (1-2): 68-75. Jan.-Apr. 1977. SFA 23(2)

71-008747 Ramsey, J. S. TAXONOMIC HISTORY AND SYSTEMATIC RELATIONSHIPS AMONG SPECIES OF /MICROPTERUS/. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 67-75. 1975. SFA 21(3).

71-008748 Randall, J. E. REVISION OF THE FISH GENUS *PLECTRANTHIAS* (SERRANDIDAE: ANTHIINAE) WITH DESCRIPTIONS OF 13 NEW SPECIES. *Micronesica* 16(1):101-187. June 1980. SFA 25(3)

71-008749 Randall, J. E. A REVISION OF THE INDO-PACIFIC LABRID FISH GENUS /MACROPHARYNGODON/, WITH DESCRIPTIONS OF FIVE NEW SPECIES. *Bull. Mar. Sci.* 28 (4): 742-770. Oct. 1978. SFA 24(2)

71-008750 Randall, J. E. and Ormond, R. F. G. ON THE RED SEA PARROTFISHES OF FORSSKAL, /SCARUS PSITTACUS/ AND /S. FERRUGINEUS/. *Zool. J. Linn. Soc.* 63 (3): 239-248. July 1978. SFA 24(1)

71-008751 Randall, J. E. and Nelson, G. /SCARUS JAPANENSIS/, /S. QUOYI/ AND /S. ISERTI/--VALID NAMES FOR PARROTFISHES PRESENTLY KNOWN AS /S. CAPISTRATOIDES/, /S. BLOCHII/ AND /S. CROICENSIS/. *Copeia* 1979 (2): 206-212. 18 May 1979. SFA 24(3)

71-008752 Randall, J. E.; Matsuura, K. and Zama, A. A REVISION OF THE TRIGGERFISH GENUS /XANTHICHTHYS/, WITH DESCRIPTION OF A NEW SPECIES. *Bull. Mar. Sci.* 28 (4): 688-706. Oct. 1978. SFA 24(2)

71-008753 Reshetnikov, Yu. S.; Novikov, A. S.; Slugin, I. V.; Shtundyuk, Yu. V. and Postnikov, V. M. THE ROUND WHITEFISH (/PROSOPIUM CYLINDRACEUM/) OF CHUKOTKA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 710-724. 1975. SFA 22(1)

71-008754 Richards, W. J. and V. P. Saksena. *TRIGLA (TRIGLOPORUS) AFRICANA* SMITH, A SYNONYM OF *CHELIDONICHTHYS LASTOVIZA* (BONNATERRE) (PISCES: TRIGLIDAE). *Copeia* 1980(1):156-157. 1 Feb. 1980. SFA 25(2)

71-008755 Richards, W. J. and Saksena, V. P. SYSTEMATICS OF THE GURNARDS, GENUS /LEPIDOTRIGLA/ (PISCES, TRIGLIDAE), FROM THE INDIAN OCEAN. *Bull. Mar. Sci.* 27 (2): 208-222. Apr. 1977. SFA 22(3)

71-008756 Richardson, S. L. and B. B. Washington. GUIDE TO IDENTIFICATION OF SOME SCULPIN (COTTIDAE) LARVAE FROM MARINE AND BRACKISH WATERS OFF OREGON AND ADJACENT AREAS IN THE NORTHEAST PACIFIC. *NOAA Tech. Rep. NMFS Circ.* 430:iv + 56p. Jan. 1980. SFA 25(2)

71-008757 Riehl, R. and Schulte, E. BESTIMMUNGSSCHLUESSEL DER WICHTIGSTEN DEUTSCHEN SUESSWASSER-TELEOSTEER ANHAND IHRER EIER. [AN IDENTIFICATION KEY OF THE MOST IMPORTANT GERMAN FRESHWATER TELEOST FISHES BY MEANS OF THEIR EGGS.] *Arch. Hydrobiol.* 83 (2): 200-212. 1978. In German with English summ. SFA 23(4)

71-008758 Ritchie, L. D. SYSTEMATICS AND MERISTIC VARIATION IN THE BUTTERFISH (/ODAX PULLUS/ (FORSTER)). *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 145. 46p. 1976. SFA 21(1).

71-008759 Rivas, L. R. A NEW SPECIES OF POECILIID FISH OF THE GENUS /POECILIA/ FROM HISPANIOLA, WITH REINSTATEMENT AND REDESCRIPTION OF /P. DOMINICENSIS/ (EVERMANN AND CLARK). *Northeast Gulf Sci.* 2 (2): 98-112. Dec. 1978. SFA 24(3)

71-008760 Roberts, T. R. A REVISION OF THE ASIAN MASTACEMBELID FISH GENUS *MACROGNATHUS*. *Copeia* 1980(3):385-391. 6 Sept. 1980. SFA 25(4)

71-008761 Robins, C. R. and Lea, R. N. FISHES OF THE FAMILY OPHIDIIDAE. IX. ANALYSIS OF GEOGRAPHIC VARIATION IN /LEPOPHIDIUM MICROLEPIS/ WITH DESCRIPTIONS OF TWO NEW SUBSPECIES. *Bull. Mar. Sci.* 28 (4): 716-727. Oct. 1978. SFA 24(2)

71-008762 Rosen, D. E. and Greenwood, P. H. A FOURTH NEOTROPICAL SPECIES OF SYNBRANCHID EEL AND THE PHYLOGENY AND SYSTEMATICS OF SYNBRANCHIFORM FISHES. *Bull. Am. Mus. Nat. Hist.* 157 (1): 1-69. 1976. SFA 21(3).

71-008763 Rosenblatt, R. H. and Butler, J. L. THE RIBBONFISH GENUS /DESMODEMA/, WITH THE DESCRIPTION OF A NEW SPECIES (PISCES, TRACHIPTERIDAE). *NOAA Fish. Bull.* 75 (4): 843-855. Oct. 1977. SFA 23(2)

71-008764 Rosenblatt, R. H. and Stephens, J. S., Jr. /MCCOSKERICHTHYS SANDAE/, A NEW AND UNUSUAL CHAENOPSID BLENNY FROM THE PACIFIC COAST OF PANAMA AND COSTA RICA. *Nat. Hist. Mus. Los Ang. Cty. Contrib. Sci.* No. 293. 22p. 15 May 1978. SFA 23(4)

71-008765 Rosenblatt, R. H. and Montgomery, W. L. /KRYPTOPHANERON HARVEYI/, A NEW ANOMALOPID FISH FROM THE EASTERN TROPICAL PACIFIC, AND THE EVOLUTION OF THE ANOMALOPIDAE. *Copeia* 1976(3):510-515. Aug. 1976. SFA 21(3).

71-008766 Rufli, H. DIE HEUTIGEN SYMPATRISCHEN FELCHENPOPULATIONEN (/COREGONUS/ SPP.) DES THUNER- UND BIELERSEES UND IHRE MORPHOLOGIE. [THE PRESENT SYMPATRIC WHITEFISH POPULATIONS (/COREGONUS/ SPP.) OF LAKE THUN AND LAKE BIEL AND THEIR MORPHOLOGY.] *Swiss J. Hydrol.* 40 (1): 7-31. 1978. In German with French and English summ. SFA 24(2)

71-008767 Russell, F. S. A POSTLARVA OF AN UNKNOWN FISH FROM THE WEST COAST OF SCOTLAND. *J. Mar. Biol. Assoc. U.K.* 58 (1): 87-88. Feb. 1978. SFA 23(2)

71-008768 Savvaitova, K. A. and Volobuyev, V. V. [ON THE TAXONOMY OF ARCTIC CHARS /SALVELINUS ALPINUS/ (SALMONIDAE, SALMONIFORMES).] *Zool. Zh.* 57(10):1534-1544. Oct. 1978. In Russian with English summ. SFA 24(2)

71-008769 Savvaitova, K. A. THE CHARS (GENUS /SALVELINUS/) OF LAKE NACHIKIN (KAMCHATKA) AND SOME SYSTEMATIC PROBLEMS OF HOLARCTIC LAKE CHARS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):238-246. 1976. SFA 22(3)

71-008770 Schaeffer, B. and McDonald, N. G. REDFIELDIID FISHES FROM THE TRIASSIC-LIASSIC NEWARK SUPERGROUP OF EASTERN NORTH AMERICA. *Bull. Am. Mus. Nat. Hist.* 159 (4): 129-174. 1978. SFA 23(4)

71-008771 Schaeffer, B. and Williams, M. RELATIONSHIPS OF FOSSIL AND LIVING ELASMOBRANCHS. *Am. Zool.* 17 (2): 293-302. 1977. SFA 22(4)

71-008772 Seehorn, M. E. FISHES OF SOUTHEASTERN NATIONAL FORESTS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:10-27. 1975[1976]. SFA 22(3)

71-008773 Seigel, J. A. and Pietsch, T. W. A NEW SPECIES OF THE CERATIOID ANGLERFISH GENUS /ONEIRODES/ (PISCES: LOPHIIFORMES) FROM THE INDO-WEST PACIFIC. *Copeia* 1978 (1): 11-13. 10 Feb. 1978. SFA 23(2)

71-008774 Seigel, J. A. REVIEW OF THE DWARF DALATIID SHARK GENUS /SQUALIOLIS/ SMITH AND RADCLIFFE: ANATOMY, SYSTEMATICS, AND ECOLOGY. *M.A. thesis, Calif. State Univ. (Long Beach)* 75p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-008775 Seigel, J. A. REVISION OF THE DALATIID SHARK GENUS /SQUALIOLUS/: ANATOMY, SYSTEMATICS, ECOLOGY. *Copeia* 1978 (4): 602-614. 28 Dec. 1978. SFA 24(2)

71-008776 Seigel, J. A.; Pietsch, T. W.; Robison, B. H. and Abe, T. /SQUALIOLUS SARMENTI/ AND /S. ALII/, SYNOMYMS OF THE DWARF DEEPSEA SHARK, /SQUALIOLUS LATICAUDUS/. *Copeia* 1977 (4): 788-791. 25 Nov. 1977. SFA 23(1)

71-008777 Seshagiri Rao, B. V. A NEW SPECIES OF CLUPEID FISH, /ILISHA SIRISHAI/ FROM VISAKHAPATNAM, INDIA. *Hydrobiologia* 47 (3-4): 463-468. Dec. 1975. SFA 21(4)

71-008778 Seshagiri Rao, B. V. NOTES ON THE INDO-WEST PACIFIC SPECIES OF THE CLUPEID FISH GENUS /ILISHA/, WITH A KEY TO THEIR IDENTIFICATION. *Copeia* 1976(3):503-509. Aug. 1976. SFA 21(3).

71-008779 Seshagiri Rao, B. V. SYSTEMATIC STUDIES ON FISHES BELONGING TO THE GENUS /COILIA/ GRAY, 1831. *J. Bombay Nat. Hist. Soc.* 72 (3): 732-739. Dec. 1975. SFA 22(1)

71-008780 Seshappa, G. REPORT ON A COLLECTION OF TONGUE SOLES (*CYNOGLOSSUS* SPP.) FROM MOPLAH BAY WITH A DESCRIPTION OF *C. LIDA* (BLEEKER). *Indian J. Fish.* 23(1/2):160-173. 1976. SFA 25(2)

71-008781 Shaboneyev, I. Ye. and A. N. Kotlyar. A COMPARATIVE MORPHOECOLOGICAL ANALYSIS OF THE EASTERN PACIFIC FORMS OF *TRACHURUS SYMMETRICUS* AND THE ATLANTIC OCEANIC HORSE MACKEREL, *TRACHURUS PICTURATUS PICTURATUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(2):24-29. 1979. SFA 25(4)

71-008782 Shaposhnikova, G. Kh. THE "PYZHYAN" WHITEFISH (/COREGONUS LAVARETUS PIDSCHIAN/) OF THE SOVIET UNION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(5):649-666. 1974. SFA 21(2).

71-008783 Shcherbachev, Yu. N. NEW SPECIES OF THE FAMILY APHYONIDAE (PISCES, OPHIDIOIDEA) FROM THE INDIAN OCEAN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 146-149. 1976. SFA 22(3)

71-008784 Shen, S.-C. and Choi, Y.-H. ECOLOGICAL AND MORPHOLOGICAL STUDY ON FISH-FAUNA FROM THE WATERS AROUND TAIWAN AND ITS ADJACENT ISLANDS. 16. STUDY ON THE LABRID FISHES (LABRIDAE). *Rep. Inst. Fish. Biol. Minist. Econ. Off. Natl. Taiwan Univ.* III (2): 67-106. July 1976. SFA 21(3).

71-008785 Sidell, B. D.; Otto, R. G. and Powers, D. A. A BIOCHEMICAL METHOD FOR DISTINCTION OF STRIPED BASS AND WHITE PERCH LARVAE. *Copeia* 1978 (2): 340-343. 5 May 1978. SFA 23(3)

71-008786 Smith-Vaniz, W. F. /APOGON GOULDI/ N. SP., A NEW CARDINALFISH FROM BERMUDA (PERCIFORMES: APOGONIDAE). *Not. Nat. (Phila.)* No. 452. 8p. 28 Oct. 1977. SFA 23(4)

71-008787 Smith-Vaniz, W. F. A REVISION OF THE SABER-TOOTHED BLENNIES, TRIBE NEMOPHINI (PISCES:BLENNIDAE). *Ph.D. dissertation, Univ. Miami* 444p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-008788 Smith, C. L. and Tyler, J. C. REDESCRIPTION OF THE GOBIID FISH /CORYPHOPTERUS LIPERNES/ BOHLKE AND ROBINS, WITH NOTES ON ITS HABITS AND RELATIONSHIPS. *Am. Mus. Novit.* 2616. 10p. 13 Apr. 1977. SFA 22(3)

71-008789 Smith, D. G. GUIDE TO THE LEPTOCEPHALI (ELOPIFORMES, ANGUILLIFORMES, AND NOTACANTHIFORMES). *NOAA Tech. Rep. NMFS Circ.* 424. iv + 39p. July 1979. SFA 25(1)

71-008790 Smith, D. G. and Kanazawa, R. H. EIGHT NEW SPECIES AND A NEW GENUS OF CONGRID EELS FROM THE WESTERN NORTH ATLANTIC WITH REDESCRIPTIONS OF /ARIOSOMA ANLIS/, /HILDEBRANDIA GUPPYI/, AND /RHECHIAS VICINALIS/. *Bull. Mar. Sci.* 27 (3): 530-543. July 1977. SFA 22(4)

71-008791 Smith, M. L. and R. R. Miller. SYSTEMATICS AND VARIATION OF A NEW CYPRINODONTID FISH, *CYPRINODON FONTINALIS*, FROM CHIHUAHUA, MEXICO. *Proc. Biol. Soc. Wash.* 93(2):405-416. 28 Aug. 1980. SFA 25(4)

71-008792 Smith, M. L. and R. R. Miller. *ALLOTOCA MACULATA*, A NEW SPECIES OF GOODEID FISH FROM WESTERN MÉXICO, WITH COMMENTS ON *ALLOTOCA DUGESI*. *Copeia* 1980(3):408-417. 6 Sept. 1980. SFA 25(4)

71-008793 Smith, M. M. /RHABDOSARGUS THORPEI/, A NEW SPARID FISH FROM SOUTH AFRICA, WITH A KEY TO THE SPECIES OF /RHABODSARGUS/. *Copeia* 1979(4):702-709. 28 Nov. 1979. SFA 25(1)

71-008794 Smith, M. M. A NEW SPECIES OF /ARGYROSOMUS/ (PISCES, SCIAENIDAE) FROM NATAL, SOUTH AFRICA. *J. Zool. (Lond.)* 181(4):561-566. Apr. 1977. SFA 22(3)

71-008795 Smith, P. J. and Crossland, J. IDENTIFICATION OF LARVAE OF SNAPPER /CHRYSOPHRYS AURATUS/ FORSTER BY ELECTROPHORETIC SEPARATION OF TISSUE ENZYMES. *N. Z. J. Mar. Freshwater Res.* 11 (4): 795-798. Dec. 1978. SFA 23(4)

71-008796 Smith, P. J.; B. A. Wood and P. G. Benson. ELECTROPHORETIC AND MERISTIC SEPARATION OF BLUE MAOMAO AND SWEEP. *N.Z. J. Mar. Freshwater Res.* 13(4):549-551. 1979. SFA 25(2)

71-008797 Smith, P. W. and Page, L. M. NOTICE OF INVALIDATION OF THE LECTOTYPE DESIGNATION OF /CATONOTUS KENNICOTTI/ PUTNAM. *Copeia* 1975(4):777-778. 31 Dec. 1975. SFA 21(1).

71-008798 Snelson, F. F. and Pflieger, W. L. REDESCRIPTION OF THE REDFIN SHINER, /NOTROPIS UMBRATILIS/, AND ITS SUBSPECIES IN THE CENTRAL MISSISSIPPI RIVER BASIN. *Copeia* 1975(2):231-249. 23 May 1975. SFA 21(1).

71-008799 Snelson, F. F., Jr. SYSTEMATIC REVIEW OF THE CYPRINID FISH, *NOTROPIS LIRUS*. *Copeia* 1980(2):323-334. 1 May 1980. SFA 25(3)

71-008800 Snelson, F. F., Jr. and Suttkus, R. D. A NEW SPECIES OF /SEMOTILUS/ (PISCES: CYPRINIDAE) FROM THE CAROLINAS. *Bull. Ala. Mus. Nat. Hist.* No. 3. p. 1-11. 28 Feb. 1978. SFA 24(2)

71-008801 Snyder, D. E. and Douglas, S. C. DESCRIPTION AND IDENTIFICATION OF MOONEYE, /HIODON TERGISUS/, PROTOLARVAE. *Trans. Am. Fish. Soc.* 107 (4): 590-594. July 1978. SFA 24(1)

71-008802 Snyder, D. E.; Snyder, M. B. M. and Douglas, S. C. IDENTIFICAITON OF GOLDEN SHINER, /NOTEMIGONUS CRYSOLEUCAS/, SPOTFIN SHINER, /NOTROPIS SPILOPTERUS/, AND FATHEAD MINNOW, /PIMEPHALES PROMELAS/, LARVAE. *J. Fish. Res. Board Can.* 34(9):1397-1409. Sept. 1977. In English with French summ. SFA 22(4)

71-008803 Sontirat, S. REVISION OF THE SOUTHEASTERN ASIATIC CYPRINID FISH GENUS /CYCLOCHEILICHTHYS/. *Ph.D. dissertation, Univ. Mich.* 140p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-008804 Springer, S. and Gilbert, P. W. THE BASKING SHARK, /CETORHINUS MAXIMUS/, FROM FLORIDA AND CALIFORNIA, WITH COMMENTS ON ITS BIOLOGY AND SYSTEMATICS. *Copeia* 1976(1):47-54. 12 Mar. 1976. SFA 21(1).

71-008805 Srinivasa Rao, K. and Ganapati, P. N. DESCRIPTION OF THE POST-LARVAE AND JUVENILES OF /SCOMBEROMORUS LINEOLATUS/ (CUVIER & VALENCIENNES, 1831) FROM INDIAN WATERS. *J. Nat. Hist.* 11 (1): 101-111. Jan.-Feb. 1977. SFA 22(3)

71-008806 Staeck, W. *CHROMIDOTILAPIA LINKEI* N. SP. AUS DEM MUNGO RIVER, KAMERUN. [*CHROMIDOTILAPIA LINKEI* N.SP. FROM THE RIVER MUNGO, CAMEROON.] *Senckenbergiana Biol.* 60(3/4):153-157. 1980. In German with English summ. SFA 25(3)

71-008807 Staeck, W. *PSEUDOTROPHEUS HETEROPICTUS* N.SP. AUS DEM MALAWI-SEE. [*PSEUDOTROPHEUS HETEROPICTUS* N.SP. FROM LAKE MALAWI.] *Senckenbergiana Biol.* 60(3/4):159-162. 1980. In German with English summ. SFA 25(3)

71-008808 Starck, W. A. II and Colin, P. L. /GRAMMA LINKI/: A NEW SPECIES OF GRAMMID FISH FROM THE TROPICAL WESTERN ATLANTIC. *Bull. Mar. Sci.* 28 (1): 146-152. Jan. 1978. SFA 23(2)

71-008809 Starnes, W. C. and Starnes, L. B. TAXONOMIC STATUS OF THE PERCID FISH /ETHEOSTOMA NIGRUM SUSANAE/. *Copeia* 1979 (3): 426-430. 1 Aug. 1979. SFA 24(4)

71-008810 Starnes, W. C. and Starnes, L. B. A NEW CYPRINID OF THE GENUS /PHOXINUS/ ENDEMIC TO THE UPPER CUMBERLAND RIVER DRAINAGE. *Copeia* 1978 (3): 508-516. 10 Aug. 1978. SFA 23(4)

71-008811 Stehmann, M. /BREVIRAJA CAERULEA/ SPEC. NOV. (ELASMOBRANCHII, BATOIDEA, RAJIDAE); EINE NEUE ARCHIBENTHALE ROCHENART UND ZUGLEICH EIN ERSTNACHWEIS IHRER GATTUNG IM NORDOSTATLANTIK. [/BREVIRAJA CAERULEA/ SPEC. NOV. (ELASMOBRANCHII, BATOIDEA, RAJIDAE); A NEW DEEP WATER SKATE AND THE FIRST RECORD OF ITS GENUS IN THE NORTH EAST ATLANTIC.] *Arch. Fishereiwiss.* 27 (2): 97-114. Nov. 1976. In German with English summ. SFA 22(1)

71-008812 Stehmann, M. /RAJA BATHYPHILA/, INE DOPPELART DES SUBGENUS /RAJELLA/: WIEDERBESCHREIBUNG VON /R. BATHYPHILA/ HOLT & BYRNE, 1908 UND /RAJA BIGELOWI/ SPEC. NOV. (PISCES, RAJIFORMES, RAJIDAE). [/RAJA BATHYPHILA/, A COMPOSITE SPECIES OF THE SUBGENUS /RAJELLA/: REDESCRIPTION OF /R. BATHYPHILA/ HOLT & BYRNE, 1908 AND /RAJA BIGELOWI/ SPEC. NOV. (PISCES, RAJIFORMES, RAJIDAE).] *Arch. Fischereiwiss.* 29 (1/2): 23-58. June 1978. In German with English summ. SFA 23(4)

71-008813 Stein, D. L. A REVIEW OF THE DEEPWATER LIPARIDAE (PISCES) FROM THE COAST OF OREGON AND ADJACENT WATERS. *Occas. Pap. Calif. Acad. Sci.* No. 127. 55p. 8 Feb. 1978. SFA 23(3)

71-008814 Stein, D. L. and Bond, C. E. A NEW DEEP-SEA FISH FROM THE EASTERN NORTH PACIFIC /PSYCHROLUTES PHRICTUS/ (PICES: COTTIDAE [PSYCHROLUTINAE]). *Nat. Hist. Mus. Los Ang. Cty. Contrib. Sci.* No. 296. 9p. 15 May 1978. SFA 23(4)

71-008815 Steyskal, G. C. THE GRAMMAR OF FAMILY-GROUP NAMES AS EXEMPLIFIED BY THOSE OF FISHES. *Proc. Biol. Soc. Wash.* 93(1):168-177. 9 July 1980. SFA 25(4)

71-008816 Sturgess, J. A. TAXONOMIC STATUS OF /PERCINA/ IN CALIFORNIA. *Calif. Fish Game* 62(1):79-81. Jan. 1976. SFA 21(1).

71-008817 Svärdson, G. SPECIATION OF SCANDINAVIAN *COREGONUS*. *Inst. Freshwater Res. Drottningholm Rep.* No. 57. 95p. 1979. SFA 25(2)

71-008818 Sydenham, D. H. J. REDESCRIPTIONS OF THE TYPE SPECIMENS OF SIX CLARID SPECIES (PISCES) FROM WESTERN AFRICA. *Zool. J. Linn. Soc.* 64 (4): 347-371. Dec. 1978. SFA 24(3)

71-008819 Talwar, P. K. A CONTRIBUTION TO THE TAXONOMY OF /RHIZOPRIONODON OLIGOLINX/ SPRINGER 1964: AN IMPORTANT COMPONENT OF THE SHARK FISHERY OF ORISSA, INDIA. *Indian J. Fish.* 21 (2): 604-607. 1974. SFA 23(2)

71-008820 Talwar, P. K. ON SOME FISH TYPES DESCRIBED FROM THE R. I. M. S. "INVESTIGATOR" COLLECTIONS (1884-1926). *Copeia* 1977 (4): 635-640. 25 Nov. 1977. SFA 23(1)

71-008821 Talwar, P. K. THE RARE DEEP-WATER SCORPION-FISH /SNYDERINA GUENTHERI/ IN INDIAN SEAS. *Copeia* 1977 (3): 580-581. 25 Aug. 1977. SFA 22(4)

71-008822 Taubert, B. D. EARLY MORPHOLOGICAL DEVELOPMENT OF THE GREEN SUNFISH, /LEPOMIS CYANELLUS/, AND ITS SEPARATION FROM OTHER LARVAL /LEPOMIS/ SPECIES. *Trans. Am. Fish. Soc.* 106 (5): 445-448. Sept. 1977. SFA 23(1)

71-008823 Thomerson, J. E.; Taphorn, D. C.; Foster, N. R. and Turner, B. J. /RACHOVIA SPLENDENS/ DAHL, A SYNONYM OF THE ANNUAL KILLIFISH /RACHOVIA BREVIS/ (REGAN). *Copeia* 1976(1):204-207. 12 Mar. 1976. SFA 21(1).

71-008824 Thompson, B. A. AN ANALYSIS OF THREE SUBGENERA (/HYPOHOMUS/, /ODONTOPHOLIS/ AND /SWAINIA/) OF THE GENUS /PERCINA/ (TRIBE ETHEOSTOMATINI, FAMILY PERCIDAE). *Ph.D. dissertation, Tulane Univ.* 409p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4114. Mar. 1978. SFA 23(3)

71-008825 Thorson, T. B. and Watson, D. E. REASSIGNMENT OF THE AFRICAN FRESHWATER STINGRAY, /POTAMOTRYGON GAROUAENSIS/, TO THE GENUS /DASYATIS/, ON PHYSIOLOGIC AND MORPHOLOGIC GROUNDS. *Copeia* 1975(4):701-712. 31 Dec. 1975. SFA 21(1).

71-008826 Tokuya, K. and K. Amaoka. [STUDIES ON LARVAL AND JUVENILE BLENNIES IN THE COASTAL WATERS OF THE SOUTHERN HOKKAIDO (PISCES: BLENNIOIDEI).] *Bull. Fac. Fish. Hokkaido Univ.* 31(1):16-49. Mar. 1980. In Japanese with English summ. SFA 25(3)

71-008827 Tortonese, E. ON SOME BUTTERFLY FISHES FROM THE RED SEA (PISCES, CHAETODONTIDAE). *Thalassographica* 3(1):35-42. Nov. 1979. In English with French and Greek summ. SFA 25(3)

71-008828 Trewavas, E. THE SCIAENID FISHES (CROAKERS OR DRUMS) OF THE INDO-WEST-PACIFIC. *Trans. Zool. Soc. Lond.* 33 (4): 253-541. July 1977. SFA 23(1)

71-008829 Troost, D. G. ON A MISLEADING DISPARITY BETWEEN THE ORIGINAL (1931) AND REPRINTED (1972) VERSIONS OF DELSMAN'S PAPER CONCERNING /STOLEPHORUS/ EGGS. *copeia* 1977 (2): 390-391. 25 May 1977. SFA 22(3)

71-008830 Trunov, I. A. NOTES ON FISHES OF THE SUBORDER STROMATEOIDEI FROM THE SOUTHEASTERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (3): 351-360. 1975. SFA 21(4)

71-008831 Trunov, I. A. NOTES ON THE FISH FAUNA OF THE SOUTH-EASTERN ATLANTIC. A NEW SPECIES OF FISH FROM THE FAMILY BATHYCLUPEIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (6): 998-999. 1976. SFA 22(1)

71-008832 Trunov, I. A. NEW SPECIES AND SPECIES RECORDED FOR THE FIRST TIME IN THE PELAGIC AREA OF THE TROPICAL ATLANTIC OF THE FAMILIES SERRANIDAE, EMMELICHTHYIDAE AND ARIOMMIDAE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (2): 229-238. 1976. SFA 22(3)

71-008833 Turner, B. J. and Liu, R. K. THE SPECIFIC IDENTITY OF THE INTRODUCED PUPFISH POPULATION AT ZZYZX SPRING, CALIFORNIA. *Copeia* 1976(1):211-212. 12 Mar. 1976. SFA 21(1).

71-008834 Tyler, J. C. and Paxton, J. R. NEW GENUS AND SPECIES OF PUFFERFISH (TETRAODONTIDAE) FROM NORFOLK ISLAND, SOUTHWEST PACIFIC. *Bull. Mar. Sci.* 29 (2): 202-215. Apr. 1979. SFA 24(3)

71-008835 Ustyugov, A. F. ON THE ORIGIN OF TWO ECOLOGICAL FORMS OF THE SIBERIAN CISCO /COREGONUS ALBULA SARDINELLA/ FROM THE YENISEY BASIN. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):701-710. 1976. SFA 23(2)

71-008836 Uwate, K. R. A REVISION OF THE DEEPSEA ANGLERFISH FAMILY DICERATIIDAE (SUBORDER /CERATIOIDEI/) WITH DESCRIPTIONS OF TWO NEW SPECIES. *M.A. thesis, Calif. State Univ. (Long Beach)* 10p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-008837 Uwate, K. R. REVISION OF THE ANGLERFISH DICERATIIDAE WITH DESCRIPTIONS OF TWO NEW SPECIES. *Copeia* 1979(1):129-144. 20 Feb. 1979. SFA 24(2)

71-008838 van der Elst, R. P. and Wallace, J. H. IDENTIFICATION OF THE JUVENILE MULLET OF THE EAST COAST OF SOUTH AFRICA. *J. Fish Biol.* 9 (4): 371-374. Oct. 1976. SFA 22(2)

71-008839 Van Guelpen, L. TAXONOMIC VARIABILITY AND CRITERIA FOR DISTINGUISHING METAMORPHOSING LARVAL AND JUVENILE STAGES OF *LIMANDA FERRUGINEA* AND *HIPPOGLOSSOIDES PLATESSOIDES* (PISCES: PLEURONECTIDAE) FROM THE SCOTIAN SHELF. *Can. J. Zool.* 58(2):202-206. Feb. 1980. In English with English summ. SFA 25(2)

71-008840 Vari, R. P. and Hutchins, J. B. NEW SPECIES OF TERAPON PERCHES (PERCOIDEI, TERAPONIDAE) FROM AUSTRALIA. *Am. Mus. Novit.* No. 2654. 8p. 23 Aug. 1978. SFA 24(2)

71-008841 Vari, R. P. THE TERAPON PERCHES (PERCOIDEI, TERAPONIDAE). A CLADISTIC ANAYLSIS AND TAXONOMIC REVISION. *Bull. Am. Mus. Nat. Hist.* 159 (5): 175-340. 1978. SFA 23(4)

71-008842 Vari, R. P. THE GENUS /LEPTAGONIATES/ (PISCES: CHARACOIDEI) WITH A DESCRIPTION OF NEW SPECIES FROM BOLIVIA. *Proc. Biol. Soc. Wash.* 91 (1): 184-190. 3 May 1978. SFA 23(3)

71-008843 Vari, R. P. THE FAMILY TERAPONIDAE (PISCES: PERCOIDEI): INTERRELATIONSHIPS, TAXONOMY, AND ZOOGEOGRAPHY. *Ph. D. dissertation, City Univ. N.Y.* 509p. 1976. SFA 22(2)

71-008844 Villa, J. and Miller, R. R. IDENTITY OF THE CENTRAL AMERICAN CICHLID FISH /CICHLASOMA BOUCHELLEI/ FLOWER. *Copeia* 1975(4):778-780. 31 Dec. 1975. SFA 21(1).

71-008845 Vladykov, V. D. and Kott, E. A NEW NONPARASITIC SPWXIWA OF THE HOLARCTIC LAMPREY GENUS /LETHENTERON/ CREASER AND HUBBS, 1922, (PETROMYZONIDAE) FROM NORTHWESTERN NORTH AMERICA WITH NOTES ON OTHER SPECIES OF THE SAME GENUS. *Biol. Pap. Univ. Alaska* No. 19. 74p. Apr. 1978. SFA 23(4)

71-008846 Vladykov, V. D. and Kott, E. SATELLITE SPECIES AMONG THE HOLARCTIC LAMPREYS (PETROMYZONIDAE). *Can. J. Zool.* 57(4):860-867. Apr. 1979. In English with French summ. SFA 24(3)

71-008847 Vladykov, V. D. and Kott, E. A NEW PARASITIC SPECIES OF THE HOLARCTIC LAMPREY GENUS /ENTOSPHENUS/ GILL, 1862 (PETROMYZONIDAE) FROM KLAMATH RIVER, IN CALIFORNIA AND OREGON. *Can. J. Zool.* 57 (4): 808-823. Apr. 1979. In English with French summ. SFA 24(3)

71-008848 Vladykov, V. D. and Kott, E. A NEW NONPARASITIC SPECIES OF LAMPREY OF THE GENUS /ENTOSPHENUS/ GILL, 1862, (PETROMYZONIDAE) FROM SOUTH CENTRAL CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 75 (2): 60-67. Aug. 1976. SFA 22(2)

71-008849 Vladykov, V. D. and Kott, E. IS /OKKELBERGIA/ CREASER AND HUBBS, 1922 (PETROMYZONIDAE), A DISTINCT TAXON? *Can. J. Zool.* 54(3):421-425. Mar. 1976. SFA 22(1)

71-008850 Volobuyev, V. V.; Ye. D. Vasil'yeva and K. A. Savvaitova. THE SYSTEMATIC STATUS OF THE DIADROMOUS "CHUKCHI CHAR" OF THE GENUS *SALVELINUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):21-30. 1979. SFA 25(4)

71-008851 Vrooman, A. M. and Paloma, P. A. DWARF HAKE OFF THE COAST OF BAJA CALIFORNIA, MEXICO. *Calif. Coop. Oceanic Fish Invest. Rep.* 19: 67-72. Oct. 1977. SFA 24(3)

71-008852 Watson, A.; Bye, C. and Houghton, R. G. THE USE OF TRAWLING IN CONJUNCTION WITH PLANKTON SURVEYS AS AN AID TO FISH EGG IDENTIFICATION IN THE WEST CENTRAL NORTH SEA. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 310-313. Sept. 1977. SFA 23(2)

71-008853 Webb, C. J. and Miller, P. J. A REDESCRIPTION OF /POMATOSCHISTUS NORVEGICUS/ (COLLETT, 1903) (TELEOSTEI: GOBIOIDEI) BASED ON SYNTYPE MATERIAL. *J. Fish Biol.* 7 (6): 735-747. Nov. 1975. SFA 22(2)

71-008854 Weinstein, M. P.; K. L. Heck, Jr. and R. W. Davis. FIRST RECORDS OF THE MACULATED FLOUNDER *BOTHUS MACULIFERUS* (POEY) FROM THE CARIBBEAN COAST OF CENTRAL AMERICA. *Proc. Biol. Soc. Wash.* 93(2):311-313. 28 Aug. 1980. SFA 25(4)

71-008855 Weinstein, M. P. and Yerger, R. W. PROTEIN TAXONOMY OF THE GULF OF MEXICO AND ATLANTIC OCEAN SEATROUTS, GENUS /CYNOSCION/. *NOAA Fish. Bull.* 74 (3): 599-607. July 1976. SFA 21(3).

71-008856 Weitzman, S. H. and Balph, M. H. SOME PHYLOGENETIC IMPLICATIONS OF DISCOVERY OF /ASPIDORAS PAUCIRADIATUS/ (PISCES: SILURIFORMES: CALLICHTHYIDAE) FROM THE RIO NEGRO IN BRAZIL. *Proc. Biol. Soc. Wash.* 92 (1): 10-22. 18 July 1979. In English with Portuguese summ. SFA 24(4)

71-008857 Weitzman, S. H. and Kanazawa, R. H. THE SOUTH AMERICAN FISH GENUS /ELACHOCHARAX/ MYERS WITH A DESCRIPTION OF NEW SPECIES (TELEOSTEI: CHARACIDAE). *Proc. Biol. Soc. Wash.* 91 (1): 158-183. 3 May 1978. SFA 23(3)

71-008858 Weitzman, S. H. A NEW SPECIES OF CHARACOID FISH, /HYPHESSOBRYCON DIANCISTRUS/, FROM THE RIO VICHADA, ORINOCO RIVER DRAINAGE, COLOMBIA, SOUTH AMERICA (TELEOSTEI: CHARACIDAE). *Proc. Biol. Soc. Wash.* 90 (2): 348-357. 12 Aug. 1977. SFA 22(4)

71-008859 Weitzman, S. H. /HYPHESSOBRYCON SOCOLOFI/, A NEW SPECIES OF CHARACOID FISH (TELEOSTEI: CHARACIDAE) FROM THE RIO NEGRO OF BRAZIL. *Proc. Biol. Soc. Wash.* 90 (2): 326-347. 12 Aug. 1977. SFA 22(4)

71-008860 Weitzman, S. W. and Kanazawa, R. H. A NEW SPECIES OF PYGMY CHARACOID FISH FROM THE RIO NEGRO AND RIO AMAZONAS, SOUTH AMERICA (TELEOSTEI: CHARACIDAE). *Proc. Biol. Soc. Wash.* 90 (1): 149-160. 16 June 1977. SFA 22(4)

71-008861 White, R. G. ENDEMIC WHITEFISHES OF BEAR LAKE, UTAH-IDAHO: A PROBLEM IN SYSTEMATICS. *Ph.D. dissertation, Utah State Univ.* 225p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 21(1).

71-008862 Wiley, E. O. and Stewart, J. D. A GAR (/LEPISOSTEUS/ SP.) FROM THE MARINE CRETACEOUS NIOBRARA FORMATION OF WESTERN KANSAS. *Copeia* 1977 (4): 761-762. 25 Nov. 1977. SFA 23(1)

71-008863 Wiley, E. O. III and Hall, D. D. /FUNDULUS BLAIRAE/. A NEW SPECIES OF THE /FUNDULUS NOTTII/ COMPLEX (TELEOSTEI, CYPRINODONTIDAE). *Am. Mus. Novit.* No. 2577. 13p. May 1975. SFA 21(1).

71-008864 Wiley, E. O. III. THE PHYLOGENY AND BIOGEOGRAPHY OF FOSSIL AND RECENT GARS (ACTINOPTERYGII: LEPISOSTEIDAE). *Ph. D. dissertation, City Univ. N.Y.* 340p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-008865 Wiley, E. O. THE PHYLOGENETIC RELATIONSHIPS OF /LATIMERIA CHALUMNAE/. *Trans. Kans. Acad. Sci.* 81: 93-94. 1978. Abstract only. SFA 24(4)

71-008866 Wilimovsky, N. J. and D. E. Wilson. A NEW SPECIES OF AGONIDAE, *AGONOMALUS MOZINOI*, FROM THE WEST COAST OF NORTH AMERICA. *Syesis* 11:73-79. 1978. SFA 25(2)

71-008867 Williams, F. and Venkataramani, V. K. NOTES ON INDO-PACIFIC CARANGID FISHES OF THE GENUS /CARANGOIDES/ BLEEKER. I. THE /CARANGOIDES MALABARICUS/ GROUP. *Bull. Mar. Sci.* 28 (3): 501-511. July 1978. SFA 23(4)

71-008868 Williams, H. M. CHARACTERISTICS FOR DISTINGUISHING WHITE BASS, STRIPED BASS AND THEIR HYBRID (STRIPED BASS X WHITE BASS). *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:168-172. 1975[1976]. SFA 22(3)

71-008869 Williams, J. D. and Etnier, D. A. /ETHEOSTOMA AQUALI/, A NEW PERCID FISH (SUBGENUS /NOTHONOTUS/) FROM THE DUCK AND BUFFALO RIVERS, TENNESSEE. *Proc. Biol. Soc. Wash.* 91 (2): 463-471. 29 Aug. 1978. SFA 23(4)

71-008870 Williams, J. D. SYSTEMATICS OF THE PERCID FISHES OF THE SUBGENUS /AMMOCRYPTA/, GENUS /AMMOCRYPTA/, WITH DESCRIPTIONS OF TWO NEW SPECIES. *Bull. Ala. Mus. Nat. Hist.* No. 1. 56p. 1 June 1975. SFA 24(2)

71-008871 Williams, J. D. and Etnier, D. A. /PERCINA (IMOSTOMA) ANTESELLA/, A NEW PERCID FISH FROM THE COOSA RIVER SYSTEM IN TENNESSEE AND GEORGIA. *Proc. Biol. Soc. Wash.* 90 (1): 6-18. 16 June 1977. SFA 22(4)

71-008872 Williams, J. E. and C. E. Bond. *GILA BORAXOBIUS*, A NEW SPECIES OF CYPRINID FISH FROM SOUTHEASTERN OREGON WITH A COMPARISON TO *G. ALVORDENSIS* HUBBS AND MILLER. *Proc. Biol. Soc. Wash.* 93(2):291-298. 28 Aug. 1980. SFA 25(4)

71-008873 Wilson, M. V. H. A SECOND SPECIES OF /LIBOTONIUS (PISCES: PERCOPSIDAE) FROM THE EOCENE OF WASHINGTON STATE. *Copeia* 1979 (3): 400-405. 1 Aug. 1979. SFA 24(4)

71-008874 Wilson, M. V. H. MIDDLE EOCENE FRESHWATER FISHES FROM BRITISH COLUMBIA. *R. Ont. Mus. Life Sci. Contrib.* 113. 61p. 1 Dec. 1977. SFA 23(3)

71-008875 Winterbottom, R. A NEW GENUS AND SPECIES OF THE FAMILY CONGROGADIDAE (PISCES: PERCIFORMES) FROM THE WESTERN INDIAN OCEAN. *Bull. Mar. Sci.* 29(3):298-302. July 1979. SFA 25(1)

71-008876 Winterbottom, R. TWO NEW SPECIES OF THE CONGROGADIDAE (PISCES: PERCIFORMES) FROM THE INDO-WEST PACIFIC. *Copeia* 1980(3):396-402. 6 Sept. 1980. SFA 25(4)

71-008877 Winterbottom, R. SYSTEMATICS, OSTEOLOGY AND PHYLOGENETIC RELATIONSHIPS OF FISHES OF THE OSTARIOPHYSAN SUBFAMILY ANOSTOMINAE (CHARACOIDEI, ANOSTOMIDAE). *R. Ont. Mus. Life Sci. Contrib.* 123. 112p. 1980. SFA 25(4)

71-008878 Wood, E. M. A REVIEW OF DAMSEL FISHES (PISCES: POMACENTRIDAE) OF THE GENUS /CHROMIS/ FROM THE CENTRAL AND EASTERN ATLANTIC AND THE MEDITERRANEAN. *J. Fish Biol.* 10 (4): 331-345. Apr. 1977. SFA 22(3)

71-008879 Woodland, D. J. and Randall, J. E. /SIGANUS PUELLOIDES/, A NEW SPECIES OF RABBITFISH FROM THE INDIAN OCEAN. *Copeia* 1979 (3): 390-393. 1 Aug. 1979. SFA 24(4)

71-008880 Woodland, D. J. and Allen, G. R. /SIGANUS TRISPILOS/, A NEW SPECIES OF SIGANIDAE FROM THE EASTERN INDIAN OCEAN. *Copeia* 1977 (4): 617-620. 25 Nov. 1977. SFA 23(1)

71-008881 Yefremenko, V. N. DESCRIPTION OF THE LARVAE OF SIX SPECIES OF THE FAMILY CHAENICHTHYIDAE FROM THE SCOTIA SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):65-75. 1979. SFA 25(4)

71-008882 Yefremenko, V. N. MORPHOLOGICAL FEATURES OF THE LARVAE OF /GYMNOSCOPELUS OPISTHOPTERUS/ (MYCTOPHIDAE, PISCES). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (5): 797-799. 1978. SFA 24(1)

71-008883 Yevseyenko, S. A. LARVAE OF /BOTHUS OCELLATUS/ FROM THE NORTH-WESTERN ATLANTIC. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 598-605. 1976. SFA 23(1)

71-008884 Zahuranec, B. J. ZOOGEOGRAPHY AND SYSTEMATICS OF THE LANTERNFISHES OF THE GENUS *NANNOBRACHIUM* (LAMPANYCTINI: MYCTOPHIDAE). *Ph.D. dissertation, George Washington Univ.* 331p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(1):44. July 1980. SFA 25(4)

71-008885 Zander, C. D. KRITISCHE ANMERKUNGEN ZUR "REVISION DER BLENNIINI (PISCES: BLENNIIDAE)" VON H. BATH (1977). [CRITICAL REMARKS ON "REVISION OF BLENNIINI (PISCES: BLENNIIDAE)" BY H. BATH (1977).] *Z. Zool. Syst. Evolutionsforsch.* 16 (4): 290-296. Dec. 1978. In German with English and French summ. SFA 24(3)

71-008886 Zidek, J. *ACANTHODES LUNDI*, NEW SPECIES (ACANTHODII), AND ASSOCIATED COPROLITES FROM UPPERMOST MISSISSIPPIAN HEATH FORMATION OF CENTRAL MONTANA. *Ann. Carnegie Mus. Nat. Hist.* 49(3):49-78. 4 Mar. 1980. SFA 25(2)

71-008887 Zidek, J. HAMILTON QUARRY /ACANTHODES/ (ACANTHODII, PISCES). *Trans. Kans. Acad. Sci.* 79: 100-101. 1976. Abstract only. SFA 23(3)

71-008888 Zurbrigg, R. E. and Scott, W. B. /DIAPHUS HUDSONI/ (PISCES: MYCTOPHIDAE), A NEW LANTERNFISH FROM THE SOUTH ATLANTIC OCEAN. *Can. J. Zool.* 54 (9): 1538-1541. Sept. 1976. In English with French summ. SFA 22(1)

PARASITES AND DISEASES-GENERAL

71-008889 Amend, D. F. and Fender, D. C. UPTAKE OF BOVINE SERUM ALBUMIN BY RAINBOW TROUT FROM HYPEROSMOTIC SOLUTIONS: A MODEL FOR VACCINATING FISH. *Science* 192(4241):793-794. 21 May 1976. SFA 21(2).

71-008890 Amend, D. F. THE ROLE OF THE FISH HEALTH SECTION IN THE AFS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:334. July 1977. SFA 23(3)

71-008891 Amin, O. M. HELMINTH PARASITES OF SOME SOUTHWESTERN LAKE MICHIGAN FISHES. *Proc. Helminthol. Soc. Wash.* 44(2):210-217. July 1977. SFA 22(4)

71-008892 Andrews, C. HOST SPECIFICITY OF THE PARASITE FAUNA OF PERCH /PERCA FLUVIATILIS/ L. FROM THE BRITISH ISLES, WITH SPECIAL REFERENCE TO A STUDY AT LLYN TEGID (WALES). *J. Fish. Biol.* 15(2):195-209. Aug. 1979. SFA 25(1)

71-008893 Anonymous. O.I.E. MEETING OF EXPERTS FOR THE STUDY OF CRITERIA THAT MAY BE FOLLOWED IN ESTABLISHING SPECIFIC PATHOGEN FREE (S.P.F.) AND MINIMUM DISEASE (M.D.) FISH FARMS. *Riv. It. Piscic. Ittiop.* 11(2):50-53. Apr.-May-June 1976. SFA 21(2).

71-008894 Antipa, R. G. and Croy, T. R. FISH VACCINE DEVELOPMENT AND TESTING. *Prog. Fish-Cult.* 41 (1): 46-48. Jan. 1979. SFA 24(2)

71-008895 Appy, R. G. PARASITES OF COD, /GADUS MORHUA/ L. IN THE NORTHWESTERN ATLANTIC OCEAN. *Ph.D. dissertation, Univ. New Brunswick* 1979. Nov. 1979. SFA 25(1) From Diss. Abstr. Int. B Sci. Eng. 40(5):2004.

71-008896 Appy, R. G. and Dadswell, M. J. PARASITES OF /ACIPENSER BREVIROSTRUM/ LESUEUR AND /ACIPENSER OXYRHYNCHUS/ MITCHILL (OSTEICHTHYES: ACIPENSERIDAE) IN THE SAINT JOHN RIVER ESTUARY, N.B., WITH A DESCRIPTION OF /CABALLERONEMA PSEUDOARGUMENTOSUS/ SP.N. (NEMATODA: SPIRURIDA). *Can. J. Zool.* 56(6):1382-1391. June 1978. In English with French summ. SFA 23(4)

71-008897 Arizono, M. and Nagai, A. [AN APPLICATION OF HAEMATOLOGICAL TESTING FOR DISEASE DIAGNOSIS IN CULTURED YELLOWTAIL (/SERIOLA QUINQUERADIATA/).] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 119-133. 1979. In Japanese with English summ. SFA 24(4)

71-008898 Armas, G. OBSERVATIONS ON DISEASES AND PARASITES OF MULLET ALEVINS *MUGIL CEPHALUS* L. FROM THE RÍO MOCHE COASTAL LAGOON OF PERU. *J. Fish Dis.* 2(6):543-547. Nov. 1979. SFA 25(2)

71-008899 Arthur, J. R. and H. P. Arai. STUDIES ON THE PARASITES OF PACIFIC HERRING (*CLUPEA HARENGUS PALLASI* VALENCIENNES): A PRELIMINARY EVALUATION OF PARASITES AS INDICATORS OF GEOGRAPHICAL ORIGIN FOR SPAWNING HERRING. *Can. J. Zool.* 58(4):521-527. Apr. 1980. In English with French summ. SFA 25(3)

71-008900 Arthur, J. R. and H. P. Arai. STUDIES ON THE PARASITES OF PACIFIC HERRING (*CLUPEA HARENGUS PALLASI* VALENCIENNES): SURVEY RESULTS. *Can. J. Zool.* 58(1):64-70. Jan. 1980. In English with French summ. SFA 25(2)

71-008901 Arthur, J. R.; Margolis, L. and Arai, H. P. PARASITES OF FISHES OF AISHIHIK AND STEVENS LAKES, YUKON TERRITORY, AND POTENTIAL CONSEQUENCES OF THEIR INTERLAKE TRANSFER THROUGH A PROPOSED WATER DIVERSION FOR HYDROELECTRICAL PURPOSES. *J. Fish. Res. Board Can.* 33(11):2489-2499. Nov. 1976. In English with French summ. SFA 21(4).

71-008902 Astakhova, T. V. THE PARASITE FAUNA OF JUNENILE STURGEON OF THE VOLGA-CASPIAN REGION. *J. Ichthyol. (Eng. Transl. Vopr. Ikhtiol.)* 14(5):788-792. 1974. SFA 21(2).

71-008903 Baker, J. C. and Crites, J. L. PARASITES OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ RAFINESQUE, FROM THE ISLAND REGION OF WESTERN LAKE ERIE. *Proc. Helminthol. Soc. Wash.* 43(1):37-39. Jan. 1976. SFA 22(3)

71-008904 Baker, R. O. AN ECOLOGICAL STUDY OF PARASITISM IN ESTUARINE FISHES. *Ph.D. dissertation, Univ. Calif. (Santa Barbara).* 238 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-008905 Beacham, B. E. and Haley, A. J. SOME PARASITES OF THE WHITE PERCH, /MORONE AMERICANA/ (GMELIN), IN CHESAPEAKE BAY. *Proc. Helminthol. Soc. Wash.* 43(2):232-233. July 1976. SFA 22(3)

71-008906 Becker, D. A.; Carr, W. D.; Heard, R. G.; Cloutman, D. G.; Holmes, P. D.; Evans, W. A.; Norman, M. D. and Owen, W. B., Jr. PRE- AND POST IMPOUNDMENT ICHTHYOPARASITE SUCCESSION IN A NEW ARKANSAS RESERVOIR. *Univ. Ark. Water Resour. Res. Cent. Publ.* No. 54. vi + 85p. 1978. SFA 23(3)

71-008907 Bell, G. R. ASPECTS OF DEFENSE MECHANISMS IN SALMONIDS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 56-73. Apr. 1977. SFA 23(1)

71-008908 Bermúdez, D. PRELIMINARY EXPERIENCES IN THE CONTROL OF FISH DISEASES IN WARM WATER AQUACULTURE OPERATIONS IN VENEZUELA. *J. Fish Dis.* 3(4):355-357. July 1980. SFA 25(4)

71-008909 Bowen, C. A. and Crites, J. L. PARASITES OF THE BRINDLED MADTOM, /NOTURUS MIURUS/ (JORDAN) IN CENTRAL OHIO. *Ohio J. Sci.* 79: 7. Apr. 1979. Abstract only. SFA 24(3)

71-008910 Boxrucker, J. C. EFFECTS OF A THERMAL EFFLUENT ON THE INCIDENCE AND ABUNDANCE OF THE GILL AND INTESTINAL METAZOAN PARASITES OF BLACK BULLHEAD. *Parasitology* 78 (2): 195-206. Apr. 1979. SFA 24(3)

71-008911 Brown, A. L. IMMUNITY AND PRACTICAL VACCINE DEVELOPMENT. *Mar. Fish. Rev.* 40 (3): 2-5. Mar. 1978. SFA 23(4)

71-008912 Brown, E. R.; Koch, E.; Sinclair, T. F.; Spitzer, R.; Callaghan, O. and Hazdra, J. J. WATER POLLUTION AND DISEASES IN FISH (AN EPIZOOTIOLOGIC SURVEY). *J. Environ. Pathol. Toxicol.* 2 (3): 917-925. Jan.-Feb. 1979. SFA 24(2)

71-008913 Bulow, F. J. and Anderson, R. D. TISSUE PRESS TECHNIQUE FOR COUNTING FISH LIVER PARASITES. *Prog. Fish-Cult.* 41 (2): 73. Apr. 1979. SFA 24(3)

71-008914 Burn, P. R. STUDIES ON THE PARASITES OF SMOOTH FLOUNDER /LIOPSETTA PUTNAMI/ (GILL) IN THE GREAT BAY ESTUARY, NEW HAMPSHIRE. *Ph.D. dissertation, Univ. N.H.* 187p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3187. Jan. 1979. SFA 24(2)

71-008915 Burn, P. R. THE PARASITES OF SMOOTH FLOUNDER, *LIOPSETTA PUTNAMI* (GILL), FROM THE GREAT BAY ESTUARY, NEW HAMPSHIRE. *J. Parasitol.* 66(3):532-541. June 1980. SFA 25(4)

71-008916 Chinniah, V. C. and Threlfall, W. METAZOAN PARASITES OF FISH FROM THE SMALLWOOD RESERVOIR, LABRADOR, CANADA. *J. Fish Biol.* 13 (2): 203-213. Aug. 1978. SFA 24(1)

71-008917 Cone, D. K. and Anderson, R. C. PARASITES OF PUMPKINSEED (/LEPOMIS GIBBOSUS/ L.) FROM RYAN LAKE, ALGONQUIN PARK, ONTARIO. *Can. J. Zool.* 55(9):1410-1423. Sept. 1977. SFA 23(1)

71-008918 Corazza, L. A REVIEW OF IMMUNOLOGY OF FISH AND SHELLFISH AND IMPLICATIONS FOR AQUACULTURE. *Riv. It. Piscic. Ittiop.* 13 (2): 41-48. Apr.-May-June 1978. In English and Italian. SFA 24(1)

71-008919 Corbel, M. J. THE IMMUNE RESPONSE IN FISH: A REVIEW. *J. Fish Biol.* 7(4):539-563. July 1975. SFA 22(2)

71-008920 Covert, J. B. and Reynolds, W. W. SURVIVAL VALUE OF FEVER IN FISH. *Nature* 267 (5606): 43-45. 5 May 1977. SFA 23(4)

71-008921 Crosby, M. D. PRELIMINARY PARASITE SURVEY OF BLUEGILL (/LEPOMIS MACROCHIRUS/) FROM LAKE CARROLL. *Ga. J. Sci.* 37 (2): 62-63. Apr. 1979. Abstract only. SFA 24(3)

71-008922 Curtis, M. A. METAZOAN PARASITES OF RESIDENT ARCTIC CHAR (/SALVELINUS ALPINUS/) FROM A SMALL LAKE ON SOUTHERN BAFFIN ISLAND. *Nat. Can. (Que.)* 106(2):337-338. Mar.-Apr. 1979. SFA 25(1)

71-008923 Dartnall, H. J. G. and Walkey, M. PARASITES OF MARINE STICKLEBACKS. *J. Fish Biol.* 14 (5): 471-474. May 1979. SFA 24(4)

71-008924 De Kinkelin, P. and C. Michel. THIRD SESSION OF THE COOPERATIVE PROGRAMME OF RESEARCH ON AQUACULTURE (COPRAQ). FISH DISEASES. *Bull. Off. Int. Epizoot.* 91(5-6):463-470. May-June 1979. SFA 25(4)

71-008925 Dechtiar, A. O. and Berst, A. H. PARASITE FAUNA OF SPLAKE (/SALVELINUS FONTINALIS/ X /S. NAMAYCUSH/). *Proc. Helminthol. Soc. Wash.* 45(2):249-254. July 1978. SFA 23(4)

71-008926 Deutsch, W. G. FISH PARASITES FROM THE SUSQUEHANNA RIVER IN PENNSYLVANIA, WITH NEW HOST RECORDS. *Proc. Pa. Acad. Sci.* 51 (2): 122-124. 1977. SFA 23(3)

71-008927 Dorson, M. UTILISATION DE LA VACCINATION POUR LA PREVENTION DES MALADIES EN SALMONICULTURE. [USE OF VACCINES FOR THE PREVENTION OF DISEASES IN SALMON CULTURE.] *Riv. It. Piscic. Ittiop.* 12(2):43-53. Apr.-Mar.-June 1977. In Italian and French. SFA 23(1)

71-008928 Edwards, R. W.; Harley, J. P. and Williams, J. C. PARASITES OF CHANNEL CATFISH FROM THE KENTUCKY RIVER, WITH A COMPARATIVE NOTE ON THE OHIO RIVER. *Trans. Ky. Acad. Sci.* 38(3-4):132-135. Sept. 1977. SFA 23(1)

71-008929 Elliott, D. FISH DISEASE INSPECTION AND CERTIFICATION. *Mar. Fish. Rev.* 40 (3): 69-71. Mar. 1978. SFA 23(4)

71-008930 Ellis, A. E.; Munroe, A. L. S. and Roberts, R. J. DEFENCE MECHANISMS IN FISH. 1. A STUDY OF THE PHAGOCYTIC SYSTEM AND THE FATE OF INTRAPERITONEALLY INJECTED PARTICULATE MATERIAL IN THE PLAICE (/PLEURONECTES PLATESSA/ L.). *J. Fish Biol.* 8(1):67-78. Jan. 1976. SFA 22(1)

71-008931 Erickson, J. E. PARASITES OF THE BANDED DARTER, /ETHEOSTOMA ZONALE/ (PISCES: PERCIDAE). *J. Parasitol.* 64 (5): 899. Oct. 1978. SFA 24(2)

71-008932 Evelyn, T. P. T. IMMUNIZATION OF SALMONIDS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 161-176. Apr. 1977. SFA 23(1)

71-008933 FAO of the UN. CONTROL OF THE SPREAD OF MAJOR COMMUNICABLE FISH DISEASES. *FAO Fish Rep.* No. 192. 44p. 1977. SFA 22(4)

71-008934 Fender, D. C. and Amend, D. F. HYPEROSMOTIC INFILTRATION: FACTORS INFLUENCING UPTAKE OF BOVINE SERUM ALBUMIN BY RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35 (6): 871-874. June 1978. In English with French summ. SFA 23(3)

71-008935 Fryer, J. L.; Rohovec, J. S.; Pulford, E. F.; Olson, R. E.; Ransom, D. P.; Winton, J. R.; Lannan, C. N.; Hedrick, R. P. and Groberg, W. J. PROCEEDINGS FROM A CONFERENCE ON DISEASE INSPECTION AND CERTIFICATION OF FISH AND FISH EGGS. *Oreg. State Univ., Sea Grant Coll. Proj. Publ.* No. ORESU-W-79-001. 40p. June 1979. SFA 24(4)

71-008936 Fryer, J. L.; Rohovec, J. S.; Tebbit, G. L.; McMichael, J. S. and Pilcher, K. S. VACCINATION FOR CONTROL OF INFECTIOUS DISEASES IN PACIFIC SALMON. *Fish Pathol.* 10(2):155-164. 1976. SFA 21(4).

71-008937 Ghittino, P. and Pneumaticatos, G. STATO ATTUALE, POSSIBILITA E PROBLEMI SANITARI DELLA PISCICOLTURA GRECA 1977. [PRESENT CONDITION, POSSIBILITY AND FISH HEALTH PROBLEMS OF GREEK FISH FARMING 1977.] *Riv. It. Piscic. Ittiop.* 12(4):101-107. Oct.-Nov.-Dec. 1977. In Italian with English summ. SFA 23(2)

71-008938 Ghittino, P. INSPECTION AND CERTIFICATION OF FISH FOR THE INTERNATIONAL CONTROL OF INFECTIOUS DISEASES OF SALMONIDS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 74-86. Apr. 1977. SFA 23(1)

71-008939 Ghittino, P. NOTE SULLA SITUAZIONE SANITARIA DELLE TROTICOLTURE ITALIANE NEL 1975. [GENERAL REMARKS ON THE HEALTH CONDITIONS OF ITALIAN TROUT FARMS DURING 1975.] *Riv. It. Piscic. Ittiop.* 11(3):89-93. July-Aug.-Sept. 1976. In Italian with English summ. SFA 21(4).

71-008940 Ghittino, P. SUGGERIMENTI TECNICI SULLA NORMATIVA PROPOSTA IN ITALIA PER IL CONTROLLO SANITARIO DEI PRODOTTI DELLA PESCA INQUADRATA NEL COMMERCIO INTERNAZIONALE. [TECHNICAL SUGGESTIONS ON THE RULES PROPOSED IN ITALY FOR THE HEALTH CONTROL OF FISH PRODUCTS IN THE FRAME OF INTERNATIONAL EXCHANGES.] *Nuovo Prog. Vet.* No. 19. p. 904-910. 1977. In Italian with English summ. SFA 23(2)

71-008941 Ghittino, P. THE VETERINARIANS'S ROLE IN FISH CULTURE AND FISH PATHOLOGY. *Riv. It. Piscic. Ittiop.* 12(1):23-25. Jan.-Feb.-Mar. 1977. SFA 22(3)

71-008942 Ghittino, P.; Andruetto, S. and Vigliani, E. RECENT FINDINGS IN TROUT KIDNEY PATHOLOGY IN ITALY. *Bull. Off. Int. Epiz.* 87(5-6):491-493. 1977. SFA 23(3)

71-008943 Ghittino, P.; P. De Kinkelin and N. Fijan. THE INTERNATIONAL ZOO-SANITARY CODE AND FISH DISEASES. *Riv. It. Piscic. Ittiop.* 15(1):17-26. Jan.-Feb.-Mar. 1980. In English, French and Italian. SFA 25(3)

71-008944 Giussani, G.; Borroni, I. and Grimaldi, E. ROLE OF UN-IONIZED AMMONIA IN PREDISPOSING GILL APPARATUS OF /ALBURNUS ALBURNUS ALBORELLA/ TO FUNGAL AND BACTERIAL DISEASES. *Mem. Ist. Ital. Idrobiol.* 33:161-175. 1976. In English with Italian summ. SFA 22(4)

71-008945 Glenn, C. L. SEASONAL PARASITIC INFECTIONS IN MOONEYE, *HIODON TERGISUS* (LESUEUR), FROM THE ASSINIBOINE RIVER. *Can. J. Zool.* 58(2):252-257. Feb. 1980. In English with French summ. SFA 25(2)

71-008946 Gordon, D.; Croll, N. A. and Rau, M. E. LES PARASITES DES ANIMAUX SAUVAGES DU QUEBEC. 1. LES PARASITES DES POISSONS ET DES MAMMIFERES DE LA REGION DE SCHEFFERVILLE. [THE PARASITES OF WILD ANIMALS OF QUEBEC. 1. THE PARASITES OF FISH AND MAMMALS OF THE SCHEFFERVILLE REGION.] *Nat. Can. (Que.)* 105 (1): 55. Jan.-Feb. 1978. In French. SFA 23(3)

71-008947 Gratzek, J. B.; Shotts, E. B. and Blue, J. L. ORNAMENTAL FISH: DISEASES AND PROBLEMS. *Mar. Fish. Rev.* 40 (3): 58-60. Mar. 1978. SFA 23(4)

71-008948 Gruninger, T. L.; Murphy, C. E. and Britton, J. C. MACROPARASITES OF FISH FROM EAGLE MOUNTAIN LAKE, TEXAS. *Southwest. Nat.* 22(4):525-535. 15 Oct. 1977. SFA 23(1)

71-008949 Hanek, G. and Fernando, C. H. THE ROLE OF SEASON, HABITAT, HOST AGE, AND SEX ON GILL PARASITES OF /AMBLOPLITES RUPESTRIS/ (RAF.). *Can. J. Zool.* 56 (6): 1251-1253. June 1978. In English with French summ. SFA 23(4)

71-008950 Hanek, G. and Fernando, C. H. THE ROLE OF SEASON, HABITAT, HOST AGE, AND SEX ON GILL PARASITES OF /LEPOMIS GIBBOSUS/ (L.). *Can. J. Zool.* 56 (6): 1247-1250. June 1978. In English with French summ. SFA 23(4)

71-008951 Hanek, G. and Fernando, C. H. SPATIAL DISTRIBUTION OF GILL PARASITES OF /LEPOMIS GIBBOSUS/ (L.) AND /AMBLOPLITES RUPESTRIS/ (RAF.). *Can. J. Zool.* 56 (6): 1235-1240. June 1978. In English with French summ. SFA 23(4)

71-008952 Hare, G. M. ATLANTIC SALMON (/SALMO SALAR/) PARASITES AS BIOLOGICAL TAGS IN THE MIRAMICHI RIVER SYSTEM, NEW BRUNSWICK. *Ph.D. dissertation, Univ. New Brunswick* 1974. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. [Order microfiche copy from the National Library of Canada at Ottawa.] SFA 21(1).

71-008953 Harley, J. P. PARASITES OF THE WHITE CRAPPIE FROM LAKE WILGREEN, KENTUCKY. *Trans. Ky. Acad. Sci.* 38(3-4):136-138. Sept. 1977. SFA 23(1)

71-008954 Harris, J. E. and Cottrell, B. J. PRECIPITATING ACTIVITY IN THE SERA OF PLAICE, /PLEURONECTES PLATESSA/ L. TO A HELMINTH ANTIGEN. *J. Fish Biol.* 9(5):405-410. Nov. 1976. SFA 22(2)

71-008955 Hawke, J. P. A SURVEY OF THE DISEASES OF STRIPED BASS, /MORONE SAXATILIS/ AND POMPANO, /TRACHINOTUS CAROLINUS/ CULTURED IN EARTHEN PONDS. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:495-509. 1976. SFA 22(4)

71-008956 Heartwell, C. M. III IMMUNE RESPONSE AND ANTIBODY CHARACTERIZATION OF THE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) TO A NATURALLY PATHOGENIC BACTERIUM AND VIRUS. *U.S. Fish Wildl. Serv. Tech. Pap.* 85. 34p. 1975. SFA 21(1).

71-008957 Hendrickson, R. G.; Biyono, B. and Carlander, K. D. INCIDENCE OF HELMINTH PARASITES IN SOME FISHES FROM RAWA PENING. *J. Satya Wacana Res.* 1 (4): 392-397. 1978. SFA 24(4)

71-008958 Herman, R. L. SOME LESIONS IN THE HEART OF TROUT. *In W. E. Ribelin and G. Migaki, (eds.). The Pathology of Fishes, Univ. Wis. Press, Madison.* p. 331-342. 1975. SFA 21(1).

71-008959 Hine, P. M. DISTRIBUTION OF SOME PARASITES OF FRESHWATER EELS IN NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 12 (2): 179-187. June 1978. SFA 24(3)

71-008960 Hinton, D. E.; Klaunig, J. E. and Lipsky, M. M. PCB-INDUCED ALTERATIONS IN TELEOST LIVER: A MODEL FOR ENVIRONMENTAL DISEASE IN FISH. *Mar. Fish. Rev.* 40 (10): 47-50. Oct. 1978. SFA 24(2)

71-008961 Hoffman, G. L. PARASITIC DISEASES OF LABORATORY FISHES AND THEIR CONTROL. *Synapse* 13(3):16-20. Sept. 1980. SFA 25(4)

71-008962 Hoffman, G. L. FISH DISEASES AND PARASITES IN RELATION TO THE ENVIRONMENT. *Fish Pathol.* 10(2):123-128. 1976. SFA 22(2)

71-008963 Holt, R. A. and Sanders, J. E. WHAT'S WRONG WITH THIS FISH? *Oreg. Wildl.* 34 (4): 3-6. Apr. 1979. SFA 24(3)

71-008964 Hoskins, G. E. and Hulstein, L. P. ANNUAL REPORT OF THE DIAGNOSTIC SERVICE OF THE FISHERIES AND MARINE SERVICE, PACIFIC REGION, FOR 1975. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 707. iii + 35p. 1977. In English with French summ. SFA 22(4)

71-008965 Hoskins, G. E.; Kieser, D. and Nash, F. COMPUTER MANAGEMENT OF FISH HEALTH DATA. *Prog. Fish-Cult.* 47(4):176-180. Oct. 1979. SFA 25(1)

71-008966 Howard, C. N. and J. V. Aliff. METAZOAN PARASITES OF FISHES FROM PIEDMONT AND COASTAL PLAIN GEORGIA. *Ga. J. Sci.* 38(3-4):173-179. June-Sept. 1980. SFA 25(4)

71-008967 Howard, C. N. A SURVEY OF METAZOAN PARASITES FROM GEORGIA FISHES. *Ga. J. Sci.* 36 (2): 60. Apr. 1978. Abstract only. SFA 23(3)

71-008968 Ingram, G. A. SUBSTANCES INVOLVED IN THE NATURAL RESISTANCE OF FISH TO INFECTION--A REVIEW. *J. Fish Biol.* 16(1):23-60. Jan. 1980. SFA 25(2)

71-008969 Jensen, L. A.; Moser, M. and Heckmann, R. A. THE PARASITES OF THE CALIFORNIA LIZARDFISH, /SYNODUS LUCIOCEPS/. *Proc. Helminthol. Soc. Wash.* 46 (2): 281-284. July 1979. SFA 24(4)

71-008970 Katae, H.; K. Kouno; Y. Takase; H. Miyazaki; M. Hashimoto and M. Shimizu. THE EVALUATION OF PIROMIDIC ACID AS AN ANTIBIOTIC IN FISH: AN *IN VITRO* AND *IN VIVO* STUDY. *J. Fish Dis.* 2(4):321-335. July 1979. SFA 25(2)

71-008971 Kennedy, C. R. DISTRIBUTION AND ZOOGEOGRAPHICAL CHARACTERISTICS OF THE PARASITE FAUNA OF CHAR /SALVELINUS ALPINUS/ IN ARCTIC NORWAY, INCLUDING SPITSBERGEN AND JAN MAYEN ISLANDS. *Astarte* 10(1):49-55. 1977. SFA 23(2)

71-008972 Kennedy, C. R. THE PARASITE FAUNA OF RESIDENT CHAR /SALVELINUS ALPINUS/ FROM ARCTIC ISLANDS, WITH SPECIAL REFERENCE TO BEAR ISLAND. *J. Fish Biol.* 13 (4): 457-466. Oct. 1978. SFA 24(1)

71-008973 Kennedy, C. R. AN ANALYSIS OF THE METAZOAN PARASITOCOENOSES OF BROWN TROUT /SALMO TRUTTA/ FROM BRITISH LAKES. *J. Fish Biol.* 13 (2): 255-263. Aug. 1978. SFA 24(1)

71-008974 Kilambi, R. V. and Becker, D. A. POPULATION DYNAMICS AND SPECIES DIVERSITY OF ICHTHYO-PARASITOFAUNA OF THE BUFFALO NATIONAL RIVER. *Univ. Arkansas Water Resour. Res. Cent.* No. 48. v + 73p. 1977. SFA 23(1)

71-008975 Kimura, T. and Awakura, T. CURRENT STATUS OF DISEASE OF CULTURED SALMONIDS IN HOKKAIDO, JAPAN. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 124-160. Apr. 1977. SFA 23(1)

71-008976 Lang, B. Z. and Edson, S. A. PARASITES OF THE WESTERN SPECKLED DACE FROM EASTERN WASHINGTON. *J. Parasitol.* 62(1):93. Feb. 1976. SFA 22(3)

71-008977 Levin, M. FISH AND SHELLFISH ASSOCIATED DISEASE OUTBREAKS. *J. Water Pollut. Control Fed.* 50 (6): 1377-1381. June 1978. SFA 23(4)

71-008978 Levine, G. and Meade, T. L. THE EFFECTS OF DISEASE TREATMENT ON NITRIFICATION IN CLOSED SYSTEM AQUACULTURE. *IN A. W. Avault (ed.). Proc. Annu. Meet. World Maricult. Soc.* 7:483-493. 1976. SFA 22(4)

71-008979 Lian, C. G. and Seng, L. T. PARASITES OF FISHES FROM SUNGAI PINANG AND SUNGAI TELUK BAHANG, PULAU PINANG, MALAYSIA. *Malay. Nat. J.* 32(3/4):247-251. June 1979. SFA 25(1)

71-008980 Liguori, V. M. THE GILL PARASITES OF THE WHITE PERCH, *MORONE AMERICANA*, FROM THE HUDSON RIVER AT VINCENT'S POINT. *M.S. thesis, Adelphi Univ.* 86p. 1979. From Masters Abstr. 18(2):84. June 1980. SFA 25(3)

71-008981 Mann, J. A. DISEASES AND PARASITES OF FISHES: AN ANNOTATED BIBLIOGRAPHY OF BOOKS AND SYMPOSIA, 1904-1977. *U. S. Fish Wildl. Serv. Fish Dis. Leafl.* 53. 28p. 1978. SFA 23(4)

71-008982 Margolis, L. and Arthur, J. R. SYNOPSIS OF THE PARASITES OF FISHES OF CANADA. *Bull. Fish. Res. Board Can.* 199. vi + 269p. 1979. In English with French summ. SFA 25(1)

71-008983 McCain, B. B.; W. D. Gronlund; M. S. Myers and S. R. Wellings. TUMOURS AND MICROBIAL DISEASES OF MARINE FISHES IN ALASKAN WATERS. *J. Fish Dis.* 2(2):111-130. Mar. 1979. SFA 25(2)

71-008984 McCain, B. B.; Myers, M. S.; Gronlund, W. D.; Wellings, S. R. and Alpers, C. E. THE FREQUENCY, DISTRIBUTION, AND PATHOLOGY OF THREE DISEASES OF DEMERSAL FISHES IN THE BERING SEA. *J. Fish Biol.* 12(4):267-276. Apr. 1978. SFA 23(3)

71-008985 McIntyre, J. D. HERITABLE TOLERANCE OF DISEASE IN SALMONIDS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 87-90. Apr. 1977. SFA 23(1)

71-008986 McKenzie, K.; McVicar, A. H. and Waddell, I. F. SOME PARASITES OF PLAICE /PLEURONECTES PLATESSA/ L. IN THREE DIFFERENT FARM ENVIRONMENTS. *Scott. Fish. Res. Rep.* No. 4. 14p. 1976. SFA 24(1)

71-008987 Meyer, F. P. and Hoffman, G. L. PARASITES AND DISEASES OF WARMWATER FISHES. *U.S. Fish Wildl. Serv. Resour. Publ.* 127. 20p. Apr. 1976. SFA 21(1).

71-008988 Meyer, F. P. INCIDENCE OF DISEASE IN WARMWATER FISH FARMS IN THE SOUTH-CENTRAL UNITED STATES. *Mar. Fish. Rev.* 40 (3): 38-41. Mar. 1978. SFA 23(4)

71-008989 Meyers, T. R. PREVALENCE OF FISH PARASITISM IN RARITAN BAY, NEW JERSEY. *Proc. Helminthol. Soc. Wash.* 45(1):120-128. Jan. 1978. SFA 23(2)

71-008990 Miller, R. W. and Chapman, W. R. /EPISTYLIS/ AND /AEROMONAS HYDROPHILA/ INFECTIONS IN FISHES FROM NORTH CAROLINA RESERVOIRS. *Prog. Fish-Cult.* 38(3):165-168. July 1976. SFA 21(4)

71-008991 Mitenev, V. K. and Zubchenko, A. V. THE PARASITIC FAUNA OF THE WHITEFISH /COREGONUS LAVARETUS/ FROM SOME BODIES OF WATER OF THE KOLA PENINSULA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(2):320-324. 1975. SFA 21(3).

71-008992 Mokhayer, B. FISH DISEASES IN IRAN. *Riv. It. Piscic. Ittiop.* 11(4):123-128. Oct.-Nov.-Dec. 1976. In English with Italian summ. SFA 22(3)

71-008993 Moller, H. REDUCTION OF THE INTESTINAL PARASITE FAUNA OF MARINE FISHES IN CAPTIVITY. *J. Mar. Biol. Assoc. U. K.* 56(3):781-785. Aug. 1976. SFA 22(3)

71-008994 Moller, H. THE EFFECTS OF SALINITY AND TEMPERATURE ON THE DEVELOPMENT AND SURVIVAL OF FISH PARASITES. *J. Fish Biol.* 12 (4): 311-323. Apr. 1978. SFA 23(3)

71-008995 Mudry, D. R. and Anderson, R. S. HELMINTH AND ARTHROPOD PARASITES OF FISHES IN THE MOUNTAIN NATIONAL PARKS OF CANADA. *J. Fish Biol.* 11(1):21-33. July 1977. SFA 22(4)

71-008996 Natarajan, P. and James, P. S. B. R. A BIBLIOGRAPHY OF PARASITES AND DISEASES OF MARINE AND FRESHWATER FISHES OF INDIA. *J. Fish Biol.* 10(4):347-369. Apr. 1977. SFA 22(3)

71-008997 Needham, E. A. THE SALMONID PATHOLOGIST IN 1977. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 8-15. Apr. 1977. SFA 23(1)

71-008998 Olson, L. J. HOST-PARASITE ASSOCIATIONS OF THE GRUNIONS, *LEURESTHES SARDINA* AND *LEURESTHES TENUIS*, FROM THE GULF OF CALIFORNIA AND CALIFORNIA. *Ph.D. dissertation, Univ. Ariz.* 111p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4164. Mar. 1980. SFA 25(2)

71-008999 Olson, R. E. PARASITES OF SILVER (COHO) SALMON AND KING (CHINOOK) SALMON FROM THE PACIFIC OCEAN OFF OREGON. *Calif. Fish Game* 64 (2): 117-120. Apr. 1978. SFA 23(3)

71-009000 Olson, R. E. PARASITOLOGY OF THE ENGLISH SOLE, /PAROPHRYS VETULUS/ GIRARD IN OREGON, U.S.A. *J. Fish Biol.* 13 (2): 237-248. Aug. 1978. SFA 24(1)

71-009001 Pal, R. N. ROLE OF FISH PATHOLOGY IN AQUACULTURE. *J. Inland Fish. Soc. India* 7: 131-136. Dec. 1975. SFA 24(3)

71-009002 Paperna, I. and Baudin Laurencin, F. PARASITIC INFECTIONS OF SEA BASS, /DICENTRARCHUS LABRAX/, AND GILT HEAD SEA BREAM, /SPARUS AURATA/, IN MARICULTURE FACILITIES IN FRANCE. *Aquaculture* 16 (2): 173-175. Feb. 1979. SFA 24(3)

71-009003 Paperna, I. and Zwerner, D. E. PARASITES AND DISEASES OF STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), FROM THE LOWER CHESAPEAKE BAY. *J. Fish Biol.* 9(3):267-287. Sept. 1976. SFA 22(2)

71-009004 Paperna, I.; Colorni, A.; Gordin, H. and Kissil, G. W. DISEASES OF /SPARUS AURATA/ IN MARINE CULTURE AT ELAT. *Aquaculture* 10(3):195-213. Mar. 1977. SFA 22(3)

71-009005 Papoutsoglou, S. E. METAZOAN PARASITES OF FISHES FROM SARONICOS GULF ATHENS-GREECE. *Thalassographica* 1 (1): 69-102. Oct. 1976. In English with Greek summ. SFA 24(2)

71-009006 Plumb, J. A. AN 11-YEAR SUMMARY OF FISH DISEASE CASES AT THE SOUTHEASTERN COOPERATIVE FISH DISEASE LABORATORY. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:254-260. 1975[1976]. SFA 22(3)

71-009007 Pohley, W. J. SOME PARASITES OF THE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/, IN CONNECTICUT. *Ph.D. dissertation, Univ. Conn.* 55p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(1):119. July 1979. SFA 24(4)

71-009008 Pomales, A. D. and E. H. Williams, Jr. YEARLY PARASITE VARIATION IN THE TEMPERATE CENTRARCHID, *MICROPTERUS SALMOIDES* (LACÉPÈDE), LARGEMOUTH BASS, TWENTY-EIGHT YEARS AFTER INTRODUCTION INTO A TROPICAL ENVIRONMENT. *J. Parasitol.* 66(1):81. Feb. 1980. SFA 25(3)

71-009009 PROCEEDINGS OF THE 3RD BIENNIAL FISH HEALTH SECTION AND 9TH ANNUAL MIDWEST FISH DISEASE WORKSHOPS *Proc. Joint 3rd Bienn. Fish Health Sect. and 9th Annu. Midwest Fish Dis. Workshops* 71p. 1978. SFA 23(4)

71-009010 Racicot, J.-G.; Gaudet, M. and Leray, C. BLOOD AND LIVER ENZYMES IN RAINBOW TROUT (/SALMO GAIRDNERI/ RICH.) WITH EMPHASIS ON THEIR DIAGNOSTIC USE: STUDY OF CCL(4) TOXICITY AND A CASE OF /AEROMONAS/ INFECTION. *J. Fish Biol.* 7(6):825-835. Nov. 1975. SFA 22(2)

71-009011 Ramos, F. and Smith, A. C. THE C-REACTIVE PROTEIN (CRP) TEST FOR THE DETECTION OF EARLY DISEASE IN FISHES. *Aquaculture* 14 (3): 261-266. July 1978. SFA 23(4)

71-009012 Rickards, W. L., (ed.). A DIAGNOSTIC MANUAL OF EEL DISEASES OCCURRING UNDER CULTURE CONDITIONS IN JAPAN. *Sea Grant Publ.* UNC-SG-78-06. iii + 89p. May 1978. SFA 24(1)

71-009013 Rijkers, G. T.; A. G. Teunissen; R. Van Oosterom; and W. B. Van Muiswinkel. THE IMMUNE SYSTEM OF CYPRINID FISH. THE IMMUNOSUPPRESSIVE EFFECT OF THE ANTIBIOTIC OXYTETRACYCLINE IN CARP (*CYPRINUS CARPIO* L.). *Aquaculture* 19(2):177-189. Feb. 1980. SFA 25(2)

71-009014 Roberts, R. J., (ed.). FISH PATHOLOGY. *Bailliere Tindall Div. Cassell Ltd., London* x + 318p. 1978. SFA 24(4)

71-009015 Rogers, W. A. PARASITIC DISEASES OF FRESHWATER FISHES. *Mar. Fish. Rev.* 40 (3): 56-57. Mar. 1978. SFA 23(4)

71-009016 Rogers, W. A. THE PRINCIPAL PARASITIC DISEASES OF WARM-WATER FISHES. *Mar. Fish. Rev.* 40 (10): 36. Oct. 1978. SFA 24(2)

71-009017 Sherburne, S. W. and Bean, L. L. INCIDENCE AND DISTRIBUTION OF PISCINE ERYTHROCYTIC NECROSIS AND THE MICROSPORIDIAN, /GLUGEA HERTWIGI/, IN RAINBOW SMELT, /OSMERUS MORDAX/, FROM MASSACHUSETTS TO THE CANADIAN MARITIMES. *NOAA Fish. Bull.* 77(2):503-509. Apr. 1979. SFA 25(1)

71-009018 Shotter, R. A. THE DISTRIBUTION OF SOME HELMINTH AND COPEPOD PARASITES IN TISSUES OF WHITING, /MERLANGIUS MERLANGUS/ L., FROM MANX WATERS. *J. Fish Biol.* 8(2):101-117. Feb. 1976. SFA 22(1)

71-009019 Sigel, M. M.; Lee, J. C.; McKinney, E. C. and Lopez, D. M. CELLULAR IMMUNITY IN FISH AS MEASURED BY LYMPHOCYTE STIMULATION. *Mar. Fish. Rev.* 40 (3): 6-11. Mar. 1978. SFA 23(4)

71-009020 Sikama, Y. [PATHOLOGICAL STUDY OF FISH DISEASES.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:41-49. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-009021 Sikama, Y. [PATHOLOGICAL STUDY OF FISH DISEASES.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 41-49. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-009022 Sindermann, C. J. ENVIRONMENTALLY RELATED DISEASES OF MARINE FISH AND SHELLFISH. *Mar. Fish. Rev.* 40 (10): 43. Oct. 1978. SFA 24(2)

71-009023 Sindermann, C. J. POLLUTION-ASSOCIATED DISEASES AND ABNORMALITIES OF FISH AND SHELLFISH: A REVIEW. *NOAA Fish. Bull.* 76 (4): 717-749. 1979. SFA 24(2)

71-009024 Skinner, R. H. SOME EXTERNAL PARASITES OF FLORIDA FISHES. *Bull. Mar. Sci.* 28 (3): 590-595. July 1978. SFA 23(4)

71-009025 Skinner, R. H. THE INTERRELATION OF WATER QUALITY, EXTERNAL PARASITES AND GILL PATHOLOGY OF SOME FISHES FROM BISCAYNE BAY, FLORIDA. *Ph.D. dissertation, Univ. Miami* 115p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(4):1585. Oct. 1978. SFA 24(3)

71-009026 Snieszko, S. F. CONTROL OF FISH DISEASES. *Mar. Fish. Rev.* 40 (3): 65-68. Mar. 1978. SFA 23(4)

71-009027 Snieszko, S. F. HISTORY AND PRESENT STATUS OF FISH DISEASES. *J. Wildl. Dis.* 11(4):446-459. Oct. 1975. SFA 22(1)

71-009028 Spanier, E. PRELIMINARY TRIALS WITH AN ULTRAVIOLET LIQUID STERILIZER. *Aquaculture* 14(1):75-84. May 1978. SFA 23(4)

71-009029 Spannhof, L., D. Nasev and H.-L. Kreutzmann. EARLY RECOGNITION OF METABOLIC DISTURBANCES IN TROUT (*SALMO GAIRDNERI* RICH.) STOCKS. *Aquaculture* 18(4):317-323. Dec. 1979. SFA 25(2)

71-009030 Sprague, V. COMMENTS ON TRENDS IN RESEARCH ON PARASITIC DISEASES OF SHELLFISH AND FISH. *Mar. Fish. Rev.* 40 (10): 26-30. Oct. 1978. SFA 24(2)

71-009031 Strasdine, G. A. and McBride, J. R. SERUM ANTIBIOTIC LEVELS IN ADULT SOCKEYE SALMON AS A FUNCTION OF ROUTE OF ADMINISTRATION. *J. Fish Biol.* 15(1):135-140. July 1979. SFA 25(1)

71-009032 Sullivan, J. R. SOME DISEASES OF THE BLACK BASSES. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 95-103. 1975. SFA 21(3).

71-009033 Sutherland, D. R. and Holloway, H. L., Jr. PARASITES OF FISH FROM THE MISSOURI, JAMES, SHEYENNE, AND WILD RICE RIVERS IN NORTH DAKOTA. *Proc. Helminthol. Soc. Wash.* 46 (1): 128-134. Jan. 1979. SFA 24(3)

71-009034 Thompson, P.-A. and Threlfall, W. THE METAZOAN PARASITES OF TWO SPECIES OF FISH FROM THE PORT-CARTIER-SEPT-ILES PARK, QUEBEC. *Nat. Can. (Que.)* 105 (5): 429-431. Sept.-Oct. 1978. In English with French summ. SFA 24(3)

71-009035 Vestergard-Jorgensen, P. E. SURVEILLANCE AND ERRADICATION OF DISEASES FROM HATCHERIES. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 72-73. Apr. 1977. SFA 23(1)

71-009036 Vooren, C. M. and Tracey, D. PARASITES IN TARAKIHI (PISCES: CHEILODACTYLIDAE) FROM THREE AREAS AROUND NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 10(3):499-509. Sept. 1976. SFA 22(1)

71-009037 Watson, R. A. and T. A. Dick. METAZOAN PARASITES OF WHITEFISH *COREGONUS CLUPEAFORMIS* (MITCHILL) AND CISCO *C. ARTEDII* LESUEUR FROM SOUTHERN INDIAN LAKE, MANITOBA. *J. Fish Biol.* 15(5):579-587. Nov. 1979. SFA 25(2)

71-009038 Wedemeyer, G. A. and Yasutake, W. T. CLINICAL METHODS FOR THE ASSESSMENT OF THE EFFECTS OF ENVIRONMENTAL STRESS ON FISH HEALTH. *U.S. Fish Wildl. Serv. Tech. Pap.* 89. 18p. 1977. SFA 22(3)

71-009039 Wiles, M. PARASITES OF /FUNDULUS DIAPHANUS/ (LESUEUR) (PISCES: CYPRINODONTIDAE) IN CERTAIN NOVA SCOTIAN FRESHWATERS. *Can. J. Zool.* 53 (11): 1578-1580. Nov. 1975. In English with French summ. SFA 22(1)

71-009040 Abernethy, C. S. and Lund, J. E. MYCOBACTERIOSIS IN MOUNTAIN WHITEFISH (/PROSOPIUM WILLIAMSONI/) FROM THE YAKIMA RIVER, WASHINGTON. *J. Wildl. Dis.* 14(3):333-336. July 1978. SFA 23(4)

71-009041 Afanas'yev, V. I.; Slyn'ko, L. I. and Kolot, G. S. FEATURES OF ELECTROLYTE METABOLISM IN HEALTHY CARP (/CYPRINUS CARPIO/) AND THOSE INFECTED WITH RED-SPOT DISEASE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):514-518. 1975. SFA 21(4)

71-009042 Amend, D. F.; R. Antipa and T. H. Kerstetter. INCREASE IN OCEAN SURVIVAL OF FREELY MIGRATING STEELHEADS VACCINATED AGAINST *VIBRIO ANGUILLARUM. Trans. Am. Fish. Soc.* 109(3):287-289. May 1980. SFA 25(4)

71-009043 Anderson, D. P.; Dixon, O. W. and Roberson, B. S. INDUCTION OF ANTIBODY-PRODUCING CELLS IN RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON; BY FLUSH EXPOSURE. *J. Fish Biol.* 15(3):317-322. Sept. 1979. SFA 25(1)

71-009044 Anderson, D. P.; B. S. Robertson and O. W. Dixon. CELLULAR IMMUNE RESPONSE IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON TO *YERSINIA RUCKERI* O-ANTIGEN MONITORED BY THE PASSIVE HAEMOLYTIC PLAQUE ASSAY TEST. *J. Fish. Dis.* 2(3):169-178. May 1979. SFA 25(2)

71-009045 Anderson, D. P.; Roberson, B. S. and Dixon, O. W. PLAQUE-FORMING CELLS AND HUMORAL ANTIBODY IN RAINBOW TROUT (/SALMO GAIRDNERI/) INDUCED BY IMMERSION IN A /YERSINIA RUCKERI/ O-ANTIGEN PREPARATION. *J. Fish. Res. Board Can.* 36 (6): 636-639. June 1979. In English with French summ. SFA 24(4)

71-009046 Anonymous. TRANSLATIONS OF EARLY POLISH LANGUAGE REPORTS ON BACTERIAL HEMORRHAGIC SEPTICEMIA. *Prog. Fish-Cult.* 39(2):93. Apr. 1977. SFA 22(3)

71-009047 Antipa, R. and Amend, D. F. IMMUNIZATION OF PACIFIC SALMON: COMPARISON OF INTRAPERITONEAL INJECTION AND HYPEROSMOTIC INFILTRATION OF /VIBRIO ANGUILLARUM/ AND /AEROMONAS SALMONICIDA/ BACTERINS. *J. Fish. Res. Board Can.* 34(2):203-208. Feb. 1977. In English with French summ. SFA 22(3)

71-009048 Antipa, R. FIELD TESTING OF INJECTED /VIBRIO ANGUILLARUM/ BACTERINS IN PEN-REARED PACIFIC SALMON. *J. Fish. Res. Board Can.* 33(6):1291-1296. June 1976. In English with French summ. SFA 21(2).

71-009049 Antipa, R. G. FIELD TRIALS OF INTRAPERITONEALLY INJECTED AND INFILTRATED /VIBRIO ANGUILLARUM/ AND /AEROMONAS SALMONICIDA/ VACCINES IN PEN-REARED PACIFIC SALMON. *Ph.D. dissertation, Univ. Wash.* 110p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-009050 Antipa, R.; R. Gould and D. F. Amend. *VIBRIO ANGUILLARUM* VACCINATION OF SOCKEYE SALMON *ONCORHYNCHUS NERKA* (WALBAUM) BY DIRECT AND HYPEROSMOTIC IMMERSION. *J. Fish Dis.* 3(2):161-165. Mar. 1980. SFA 25(3)

71-009051 Ashburner, L. D. MYCOBACTERIOSIS IN HATCHERY-CONFINED CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/ WALBAUM) IN AUSTRALIA. *J. Fish Biol.* 10(6):523-528. June 1977. SFA 22(4)

71-009052 Bach, R.; P. K. Chen and G. B. Chapman. CHANGES IN THE SPLEEN OF THE CHANNEL CATFISH *ICTALURUS PUNCTATUS* RAFINESQUE INDUCED BY INFECTION WITH *AEROMONAS HYDROPHILA. J. Fish Dis.* 1(3):205-217. July 1978. SFA 25(2)

71-009053 Banowetz, G. M. BACTERICIDAL AND PHYSICO-CHEMICAL PROPERTIES OF A LECTIN DERIVED FROM SPRING CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) OVA. *Ph.D. dissertation, Oreg. State Univ.* 97p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):556. Aug. 1978. SFA 24(3)

71-009054 Barahona-Fernandes, M. H. BACTERIAL DISEASES OF SEA BASS (/DICENTRARCHUS LABRAX/ (L.)) REARED IN THE LABORATORY: AN APPROACH TO TREATMENT. *Aquaculture* 10(4):317-322. Apr. 1977. SFA 22(4)

71-009055 Barham, W. T.; Smit, G. L. and Schoonbee, H. THE OCCURRENCE OF AEROMONAS AND STREPTOCOCCUS IN RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Biol.* 15(4):457-460. Oct. 1979. SFA 25(1)

71-009056 Barham, W. T.; G. L. Smit and H. J. Schoonbee. THE EFFECT OF BACTERIAL INFECTION ON ERYTHROCYTE FRAGILITY AND SEDIMENTATION RATE OF RAINBOW TROUT, *SALMO GAIRDNERI* RICHARDSON. *J. Fish Biol.* 16(2):177-180. Feb. 1980. SFA 25(2)

71-009057 Becker, C. D. and Fujihara, M. P. THE BACTERIAL PATHOGEN /FLEXIBACTER COLUMNARIS/ AND ITS EPIZOOTIOLOGY AMONG COLUMBIA RIVER FISH. A REVIEW AND SYNTHESIS. *Am. Fish. Soc. Monogr.* No. 2. 92p. 1978. SFA 24(1)

71-009058 Beckwith, D. G. and R. G. Malsberger. KIDNEY TUMOUR VIRUS--TUMOUR OR MYCOBACTERIAL TUBERCLE? *J. Fish Dis.* 3(4):339-348. July 1980. SFA 25(4)

71-009059 Bejerano, Y.; S. Sarig; M. T. Horne and R. J. Roberts. MASS MORTALITIES IN SILVER CARP *HYPOPHTHALMICHTHYS MOLITRIX* (VALENCIENNES) ASSOCIATED WITH BACTERIAL INFECTION FOLLOWING HANDLING. *J. Fish Dis.* 2(1):49-56. Jan. 1979. SFA 25(2)

71-009060 Bootsma, R. and Clerx, J. P. M. COLUMNARIS DISEASE OF CULTURED CARP /CYPRINUS CARPIO/ L. CHARACTERIZATION OT THE CAUSATIVE AGENT. *Aquaculture* 7:371-385. 1976. SFA 21(1).

71-009061 Bootsma, R.; Fijan, N. and Blommaert, J. ISOLATION AND PRELIMINARY IDENTIFICATION OF THE CAUSATIVE AGENT OF CARP ERYTHRODERMATITIS. *Vet. Arh.* 47(6):291-302. 1977. SFA 23(2)

71-009062 Braaten, B. A. and Hodgins, H. O. PROTECTION OF STEELHEAD TROUT (/SALMO GAIRDNERI/) AGAINST VIBRIOSIS WITH A LIVING LOW-VIRULENCE STRAIN OF /VIBRIO ANGUILLARUM/. *J. Fish. Res. Board Can.* 33(4,1):845-847. Apr. 1976. In English with French summ. SFA 21(2).

71-009063 Bucke, D. A NOTE ON ACID-ALCOHOL-FAST BACTERIA IN MACKEREL *SCOMBER SCOMBRUS* L. *J. Fish Dis.* 3(2):173-175. Mar. 1980. SFA 25(3)

71-009064 Bullock, G. L. and Snieszko, S. F. ENTERIC REDMOUTH DISEASES OF SALMONIDS. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* No. 57. 7p. 1979. SFA 24(4)

71-009065 Bullock, G. L. DETECTION AND CONTROL OF BACTERIAL INFECTIONS IN FISHES. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 179-181. Apr. 1977. SFA 23(1)

71-009066 Bullock, G. L. PASTEURELLOSIS OF FISHES. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* 54. 7p. 1978. SFA 23(4)

71-009067 Bullock, G. L. and Stuckey, H. M. ULTRAVIOLET TREATMENT OF WATER FOR DESTRUCTION OF FIVE GRAM-NEGATIVE BACTERIA PATHOGENIC TO FISHES. *J. Fish. Res. Board Can.* 34(8):1244-1249. Aug. 1977. In English with French Summ. SFA 22(4)

71-009068 Bullock, G. L. VIBRIOSIS IN FISH. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* 50. 11p. Apr. 1977. SFA 22(3)

71-009069 Bullock, G. L.; B. R. Griffin and H. M. Stuckey. DETECTION OF *CORYNEBACTERIUM SALMONINUS* BY DIRECT FLUORESCENT ANTIBODY TEST. *Can. J. Fish. Aquatic Sci.* 37(4):719-721. Apr. 1980. SFA 25(2)

71-009070 Bullock, G. L.; H. M. Stuckey and E. B. Shotts, Jr. ENTERIC REDMOUTH BACTERIUM: COMPARISON OF ISOLATES FROM DIFFERENT GEOGRAPHIC AREAS. *J. Fish Dis.* 1(4):351-356. Oct. 1978. SFA 25(2)

71-009071 Bullock, G. L.; Stuckey, H. M.; Herman, R. L. and Smith, C. E. COMPARATIVE SUSCEPTIBILITY OF ATLANTIC SALMON (/SALMO SALAR/) TO THE ENTERIC REDMOUTH BACTERIUM AND /AEROMONAS SALMONICIDA/. *J. Wildl. Dis.* 12(3):376-379. July 1976. SFA 22(1)

71-009072 Busch, R. A. ENTERIC RED MOUTH DISEASE (HAGERMAN STRAIN). *Mar. Fish. Rev.* 40 (3): 42-51. Mar. 1978. SFA 23(4)

71-009073 Cone, D. K.; J. D. Miller and W. K. Austin. THE PATHOLOGY OF "SADDLEBACK" DISEASE OF UNDERYEARLING ATLANTIC SALMON (*SALMO SALAR*). *Can. J. Zool.* 58(7):1283-1287. July 1980. In English with French summ. SFA 25(4)

71-009074 Croy, T. R. and Amend, D. F. IMMUNIZATION OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) AGAINST VIBRIOSIS USING THE HYPEROSMOTIC INFILTRATION TECHNIQUE. *Aquaculture* 12(4):317-325. Dec. 1977. SFA 23(2)

71-009075 De Figueiredo, J. and Plumb, J. A. VIRULENCE OF DIFFERENT ISOLATES OF /AEROMONAS HYDROPHILA/ IN CHANNEL CATFISH. *Aquaculture* 11(4):349-354. Aug. 1977. SFA 23(1)

71-009076 Egidius, E. and K. Andersen. THE USE OF FURANACE AGAINST VIBRIOSIS IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON IN SALT WATER. *J. Fish Dis.* 2(1):79-80. Jan. 1979. SFA 25(2)

71-009077 Egidius, E. and Andersen, K. NORWEGIAN REFERENCE STRAINS OF /VIBRIO ANGUILLARUM/. *Aquaculture* 10(3):215-219. Mar. 1977. SFA 22(3)

71-009078 Egidius, E. C. and K. Andersen. BATH-IMMUNIZATION--A PRACTICAL AND NON-STRESSING METHOD OF VACCINATING SEA FARMED RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON AGAINST VIBRIOSIS. *J. Fish Dis.* 2(5):405-410. Sept. 1979. SFA 25(2)

71-009079 Egidius, E. C. and Andersen, K. HOST-SPECIFIC PATHOGENICITY OF STRAINS OF /VIBRIO ANGUILLARUM/ ISOLATED FROM RAINBOW TROUT /SALMO GAIRDNERI/ RICHARDSON AND SAITHE /POLLACHIUS VIRENS/ (L.). *J. Fish Dis.* 1 (1): 45-50. Jan. 1978. SFA 23(3)

71-009080 Ehlinger, N. F. SELECTIVE BREEDING OF TROUT FOR RESISTANCE TO FURUNCULOSIS. *N.Y. Fish Game J.* 24(1):25-36. Jan. 1977. SFA 22(2)

71-009081 Elliott, D. G. and E. B. Shotts, Jr. AETIOLOGY OF AN ULCERATIVE DISEASE IN GOLDFISH, *CARASSIUS AURATUS* (L.): EXPERIMENTAL INDUCTION OF THE DISEASE. *J. Fish Dis.* 3(2):145-151. Mar. 1980. SFA 25(3)

71-009082 Elliott, D. G. and E. B. Shotts, Jr. AETIOLOGY OF AN ULCERATIVE DISEASE IN GOLDFISH *CARASSIUS AURATUS* (L.): MICROBIOLOGICAL EXAMINATION OF DISEASED FISH FROM SEVEN LOCATIONS. *J. Fish Dis.* 3(2):133-143. Mar. 1980. SFA 25(3)

71-009083 Ellis, R. W.; Novotny, A. J. and Harrell, L. W. CASE REPORT OF KIDNEY DISEASE IN A WILD CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/, IN THE SEA. *J. Wildl. Dis.* 14(1):120-123. Jan. 1978. SFA 23(2)

71-009084 Elsarnagawy, D. ISOLATION OF SOME /VIBRIO PARAHAEMOLYTICUS/ STRAINS FROM SALTED EGYPTIAN FISH. *Riv. It. Piscic. Ittiop.* 13 (1): 21-25. Jan.-Feb.-Mar. 1978. In English and Italian. SFA 23(3)

71-009085 Eurell, T. E.; Lewis, D. H. and Grumbles, L. C. STAINED BACTERIAL ANTIGENS FOR USE IN MICROAGGLUTINATION PROCEDURES. *Prog. Fish-Cult.* 41 (2): 55-57. Apr. 1979. SFA 24(3)

71-009086 Ferguson, H. W. and D. H. McCarthy. HISTOPATHOLOGY OF FURUNCULOSIS IN BROWN TROUT *SALMO TRUTTA* L. *J. Fish. Dis.* 1(2):165-174. Apr. 1978. SFA 25(2)

71-009087 Flagg, R. M. and L. W. Hinck. INFLUENCE OF AMMONIA ON AEROMONAD SUSCEPTIBILITY IN CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:415-419. 1978[1979]. SFA 25(2)

71-009088 Fluchter, J. IDENTIFICATION AND TREATMENT OF DISEASES IN THE COMMON SOLE (/SOLEA SOLEA/ L.). *Aquaculture* 16 (3): 271-274. Mar. 1979. SFA 24(3)

71-009089 From, J. CHLORAMINE-T FOR CONTROL OF BACTERIAL GILL DISEASE. *Prog. Fish-Cult.* 42(2):85-86. Apr. 1980. SFA 25(3)

71-009090 Fryer, J. L.; Amend, D. F.; Harrell, L. W.; Novotny, A. J.; Plumb, J. A.; Rohovec, J. S. and Tebbit, G. L. DEVELOPMENT OF BACTERINS AND VACCINES FOR CONTROL OF INFECTIOUS DISEASES IN FISH. *Oreg. State Univ. Sea Grant Prog. Publ.* No. ORESU-T-77-012. 10p. Dec. 1977. SFA 23(3)

71-009091 Fryer, J. L.; Pilcher, K. S.; Sanders, J. E.; Rohovec, J. S.; Zinn, J. L.; Groberg, W. J. and McCoy, R. H. TEMPERATURE, INFECTIOUS DISEASES, AND THE IMMUNE RESPONSE IN SALMONID FISH. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-21. Apr. 1976. SFA 21(2).

71-009092 Fryer, J. L.; Rohovec, J. S. and Garrison, R. L. IMMUNIZATION OF SALMONIDS FOR CONTROL OF VIBRIOSIS. *Mar. Fish. Rev.* 40(3):20-23. Mar. 1978. SFA 23(4)

71-009093 Fuller, D. W.; Pilcher, K. S. and Fryer, J. L. A LEUKOCYTOLYTIC FACTOR ISOLATED FROM CULTURES OF /AEROMONAS SALMONICIDA/. *J. Fish. Res. Board Can.* 34(8):1118-1125. Aug. 1977. In English with French summ. SFA 22(4)

71-009094 Ghittino, P. and Andruetto, S. FISH VIBRIOSIS IN FRESH AND SALT WATERS IN ITALY. *Riv. It. Piscic. Ittiop.* 14(2):55-56. Apr.-May-June 1979. In English and Italian. SFA 25(1)

71-009095 Ghittino, P. and Andruetto, S. FISH VIBRIOSIS IN FRESH AND SALT WATERS IN ITALY. *Bull. Off. Int. Epiz.* 87 (5-6): 483-485. 1977. SFA 23(3)

71-009096 Giavenni, R. ALCUNI ASPETTI ZOONOSICI DELLE MICOBATTERIOSI DI ORIGINE ITTICA. [HUMAN SKIN LESIONS BY FISH MYCOBACTERIA.] *Riv. It. Piscic. Ittiop.* 14(4):123-126. Oct.-Nov.-Dec. 1979. In Italian with English summ. SFA 25(2)

71-009097 Giavenni, R.; M. Finazzi; G. Poli and E. Grimaldi. TUBERCULOSIS IN MARINE TROPICAL FISHES IN AN AQUARIUM. *J. Wildl. Dis.* 16(2):161-168. Apr. 1980. SFA 25(3)

71-009098 Giles, R. C.; Brown, L. R. and Minchew, C. D. BACTERIOLOGICAL ASPECTS OF FIN EROSION IN MULLET EXPOSED TO CRUDE OIL. *J. Fish Biol.* 13 (1): 113-117. July 1978. SFA 23(4)

71-009099 Gill de Rodriguez, C. T. and Bastardo, J. W. INVESTIGACION DE ENTEROBACTERIAS EN EL CONTENIDO GASTROINTESTINAL DE COROCORO, /ORTHOPRISTIS RUBER (PISCES: PERCIFORMES, POMADASYIDAE). [INVESTIGATION OF ENTEROBACTERIA IN THE GASTROINTESTINAL CONTENTS OF COROCORO, /ONTHOPRISTIS RUBER/ (PICES: PERCIFORMES, POMADASYIDAE).] *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14(2):149-156. Dec. 1975. In Spanish with English summ. SFA 22(3)

71-009100 Gilmartin, W. G.; Camp, B. J. and Lewis, D. H. BATH TREATMENT OF CHANNEL CATFISH WITH THREE BROAD-SPECTRUM ANTIBIOTICS. *J. Wildl. Dis.* 12(4):555-559. Oct. 1976. SFA 22(1)

71-009101 Gilmour, A. CHARACTERISTICS OF MARINE VIBRIOS ISOLATED FROM FISH FARM TANKS. *Aquaculture* 11(1):51-62. May 1977. SFA 22(4)

71-009102 Glenn, J. S. THE IMMUNE RESPONSE OF THE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/, RAFINESQUE). *Ph.D. dissertation, Univ. Ga.* 118p. 1974. From. Diss. Abstr. Int. B Sci. Eng. 35(10), 1975. SFA 21(1).

71-009103 Gould, R. W.; Antipa, R. and Amend, D. F. IMMERSION VACCINATION OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) WITH TWO PATHOGENIC STRAINS OF /VIBRIO ANGUILLARUM/. *J. Fish. Res. Board Can.* 36 (2): 222-225. Feb. 1979. In English with French summ. SFA 24(3)

71-009104 Green, J. H. and Ronsivalli, L. J. "MOCK FISH" METHOD FOR STUDYING MICROBIAL INHIBITING AGENTS. *NOAA Fish. Bull.* 75(4):880-882. Oct. 1977. SFA 23(2)

71-009105 Groberg, W. J., Jr.; McCoy, R. H.; Pilcher, K. S. and Fryer, J. L. RELATION OF WATER TEMPERATURE TO INFECTIONS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/), CHINOOK SALMON (/O. TSHAWYTSCHA/), AND STEELHEAD TROUT (/SALMO GAIRDNERI/) WITH /AEROMONAS SALMONICIDA/ AND /A. HYDROPHILA/. *J. Fish. Res. Board Can.* 35(1):1-7. Jan. 1978. In English with French summ. SFA 23(2)

71-009106 Håstein, T.; S. J. Saltveit and R. J. Roberts. MASS MORTALITY AMONG MINNOWS *PHOXINUS PHOXINUS* (L.) IN LAKE TVEITEVATN, NORWAY, DUE TO AN ABERRANT STRAIN OF *AEROMONAS SALMONICIDA*. *J. Fish Dis.* 1(3):241-249. July 1978. SFA 25(2)

71-009107 Hansen, C. B. and Lingg, A. J. INERT PARTICLE AGGLUTINATION TESTS FOR DETECTION OF ANTIBODY TO ENTERIC REDMOUTH BACTERIUM. *J. Fish. Res. Board Can.* 33 (12): 2857-2860. Dec. 1976. In English with French summ. SFA 22(1)

71-009108 Harbell, S. C.; H. O. Hodgins and M. H. Schiewe. STUDIES ON THE PATHOGENESIS OF VIBIOSIS IN COHO SALMON *ONCORHYNCHUS KISUTCH* (WALBAUM). *J. Fish Dis.* 2(5):391-404. Sept. 1979. SFA 25(2)

71-009109 Harrell, L. W. VIBRIOSIS AND CURRENT SALMON VACCINATION PROCEDURES IN PUGET SOUND, WASHINGTON. *Mar. Fish. Rev.* 40(3):24-25. Mar. 1978. SFA 23(4)

71-009110 Harrell, L. W.; Novotny, A. J.; Schiewe, M. H. and Hodgins, H. O. ISOLATION AND DESCRIPTION OF TWO VIBRIOS PATHOGENIC TO PACIFIC SALMON IN PUGET SOUND, WASHINGTON. *NOAA Fish. Bull.* 74(2):447-449. Apr. 1976. SFA 21(2).

71-009111 Hastein, T. and Bullock, G. L. AN ACUTE SEPTICAEMIC DISEASE OF BROWN TROUT (/SALMO TRUTTA/) AND ATLANTIC SALMO (/SALMO SALAR/) CAUSED BY A /PASTEURELLA/-LIKE ORGANISM. *J. Fish Biol.* 8(1):23-26. Jan. 1976. SFA 22(1)

71-009112 Hastein, T. and Smith, J. E. A STUDY OF /VIBRIO ANGUILLARUM/ FROM FARMED AND WILD FISH USING PRINCIPAL COMPONENTS ANALYSIS. *J. Fish Biol.* 11(2):69-75. Aug. 1977. SFA 23(1)

71-009113 Hawke, J. P. A BACTERIUM ASSOCIATED WITH DISEASE OF POND CULTURED CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish. Res. Board Can.* 36(12):1508-1512. Dec. 1979. In English with French summ. SFA 25(1)

71-009114 Hazen, T. C.; Esch, G. W.; Glassman, A. B. and Gibbons, J. W. RELATIONSHIP OF SEASON, THERMAL LOADING AND RED-SORE DISEASE WITH VARIOUS HAEMATOLOGICAL PARAMATERS IN /MICROPTERUS SALMOIDES/. *J. Fish Biol.* 12(5):491-498. May 1978. SFA 23(4)

71-009115 Hazen, T. C.; Raker, M. L.; Esch, G. W. and Fliermans, C. B. ULTRASTRUCTURE OF RED-SORE LESIONS ON LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/): ASSOCIATION OF THE CILIATE /EPISTYLIS/ SP. AND THE BACTERIUM /AEROMONAS HYDROPHILA. *J. Protozool.* 25(3, Part 2):351-355. Aug. 1978. SFA 24(1)

71-009116 Heuschmann-Brunner, G. DIE AEROMONADEN DER "/HYDROPHILA/-/PUNCTATA/-GRUPPE" BEI SUESSWASSERFISCHEN. [AEROMONADS OF THE "/HYDROPHILA/-/PUNCTATA/-GROUP" IN FRESH WATER FISHES.] *Arch. Hydrobiol.* 83(1):99-125. 1978. In German with English summ. SFA 23(4)

71-009117 Hikida, M.; Wakabayashi, H.; Egusa, S. and Masumura, K. /FLEXIBACTER/ SP., A GLIDING BACTERIUM PATHOGENIC TO SOME MARINE FISHES IN JAPAN. *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 421-428. Apr. 1979. SFA 24(4)

71-009118 Hilliard, R. W.; Pass, D. A. and Potter, I. C. HAEMORRHAGIC SEPTICAEMIA IN THE LAMPREY /GEOTRIA AUSTRALIS/ GRAY. *Acta Zool. (Stockh.)* 60(2):115-121. 1979. SFA 24(4)

71-009119 Hilton, L. R. and J. L. Wilson. TERRAMYCIN-RESISTANT *EDWARDSIELLA TARDA* IN CHANNEL CATFISH. *Prog. Fish-Cult.* 42(3):159. July 1980. SFA 25(4)

71-009120 Horiuchi, M. and Kohga, K. RAPID DIAGNOSIS OF RED SPOT DISEASE IN CULTURED EELS BY DIRECT IMMUNOFLUORESCENCE (IF). *Bull. Jpn. Soc. Sci. Fish.* 45(7):835-840. July 1979. In Japanese with English summ. SFA 25(1)

71-009121 Horne, M. T.; Richards, R. H.; Roberts, R. J. and Smith, P. C. PERACUTE VIBRIOSIS IN JUVENILE TURBOT /SCOPHTHALMUS MAXIMUS/. *J. Fish Biol.* 11(4):355-361. Oct. 1977. SFA 23(1)

71-009122 Horsley, R. W. A REVIEW OF THE BACTERIAL FLORA OF TELEOSTS AND ELASMOBRANCHS, INCLUDING METHODS FOR ITS ANALYSIS. *J. Fish Biol.* 10(6):529-553. June 1977. SFA 22(4)

71-009123 Hoskins, G. FUSOBACTERIA ASSOCIATED WITH BACTERIAL GILL DISEASE OF SALMON. *Prog. Fish-Cult.* 38(3):150-151. July 1976. SFA 21(4)

71-009124 Huizinga, H. W.; G. W. Esch and T. C. Hazen. HISTOPATHOLOGY OF RED-SORE DISEASE (*AEROMONAS HYDROPHILA*) IN NATURALLY AND EXPERIMENTALLY INFECTED LARGEMOUTH BASS *MICROPTERUS SALMOIDES* (LACÉPÈDE). *J. Fish. Dis.* 2(4):263-277. July 1979. SFA 25(2)

71-009125 Inebi, W. and M. T. Horne. A COMPLEMENT-FIXATION METHOD FOR THE DETECTION OF *VIBRIO*-SPECIFIC ANTIBODIES IN RAINBOW TROUT, *SALMO GAIRDNERI* RICHARDSON. *J. Fish Dis.* 2(2):159-160. Mar. 1979. SFA 25(2)

71-009126 Ingram, G. A. and J. B. Alexander. THE IMMUNE RESPONSE OF THE BROWN TROUT *SALMO TRUTTA* TO LIPOPOLYSACCHARIDE. *J. Fish Biol.* 16(2):181-197. Feb. 1980. SFA 25(2)

71-009127 Itami, T. and Kusuda, R. EFFICACY OF A VACCINATION BY SPRAY ADMINISTRATION AGAINST VIBRIOSIS IN CULTURED AYU. *Bull. Jpn. Soc. Sci. Fish.* 44(12):1413. Dec. 1978. SFA 24(2)

71-009128 Itami, T. and R. Kusuda. [STUDIES ON SPRAY VACCINATION AGAINST VIBRIOSIS IN CULTURED AYU--I. EFFECT OF BENTONITE AND pH ON VACCINATION EFFICACY.] *Bull. Jpn. Soc. Sci. Fish.* 46(5):533-536. May 1980. In with English summ. SFA 25(4)

71-009129 Itami, T. and R. Kusuda. [STUDIES ON SPRAY VACCINATION AGAINST VIBRIOSIS IN CULTURED AYU--II. DURATION OF VACCINATION EFFICACY AND EFFECT OF DIFFERENT VACCINE PREPARATIONS.] *Bull. Jpn. Soc. Sci. Fish.* 46(6):699-703. June 1980. In Japanese with English summ. SFA 25(4)

71-009130 Iwama, G. K. INCUBATION TIMES RESULTING FROM EXPERIMENTAL INJECTIONS OF KIDNEY DISEASE BACTERIA INTO JUVENILE COHO SALMON. *Prog. Fish-Cult.* 42(3):182-183. July 1980. SFA 25(4)

71-009131 Katae, H.; K. Kouno; Y. Sekine; M. Hashimoto and M. Shimizu. DISTRIBUTION, EXCRETION AND BIOTRANSFORMATION OF ^{14}C-PIROMIDIC ACID IN GOLDFISH *CARASSIUS AURATUS* (L.). *J. Fish Dis.* 2(6):529-542. Nov. 1979. SFA 25(2)

71-009132 Khalifa, K. A. and Post, G. IMMUNE RESPONSE OF ADVANCED RAINBOW TROUT FRY TO /AEROMONAS LIQUIFACIENS/. *Prog. Fish-Cult.* 38(2):66-68. Apr. 1976. SFA 21(3).

71-009133 Kimura, H. and R. Kusuda. STUDIES ON THE PATHOGENESIS OF STREPTOCOCCAL INFECTION IN CULTURED YELLOWTAILS *SERIOLA* SPP.: EFFECT OF THE CELL FREE CULTURE ON EXPERIMENTAL STREPTOCOCCAL INFECTION. *J. Fish Dis.* 2(6):501-510. Nov. 1979. SFA 25(2)

71-009134 Kimura, T. and Awakura, T. [BACTERIAL KIDNEY DISEASE OF SALMONID: FIRST OBSERVATION IN JAPAN.] *Bull. Jpn. Soc. Sci. Fish.* 43(2):143-150. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-009135 Kitao, T.; Aoki, T. and Iwata, K. [EPIDEMIOLOGICAL STUDY ON STREPTOCOCCICOSIS OF CULTURED YELLOWTAIL (/SERIOLA QUINQUERADIATA/)--I. DISTRIBUTION OF /STREPTOCOCCUS/ SP. IN SEAWATER AND MUDS AROUND YELLOWTAIL FARMS.] *Bull. Jpn. Soc. Sci. Fish.* 45 (5): 567-572. May 1979. In Japanese with English summ. SFA 24(4)

71-009136 Kuo, S.-C. and Kou, G.-H. [/PSEUDOMONAS ANGUILLISEPTICA/ ISOLATED FROM RED SPOT DISEASE OF POND-CULTURED EEL, /ANGUILLA JAPONICA/.] *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3(3):19-23. Aug. 1978. In Chinese with English summ. SFA 24(3)

71-009137 Kusuda, R. [BACTERIAL DISEASES OF MARINE CULTURED FISHES AND TREATMENT BY VACCINE.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 5:229-243. 1976[1977]. In Japanese with English summ. SFA 24(4)

71-009138 Kusuda, R. and Kimura, H. STUDIES ON THE PATHOGENESIS OF STREPTOCOCCAL INFECTION IN CULTURED YELLOWTAILS /SERIOLA/ SPP.: THE FATE OF /STREPTOCOCCUS/ SP. BACTERIA AFTER INOCULATION. *J. Fish Dis.* 1 (1): 109-114. Jan. 1978. SFA 23(3)

71-009139 Kusuda, R. and Komatsu, I. [A COMPARATIVE STUDY OF FISH PATHOGENIC /STREPTOCOCCUS/ ISOLATED FROM SALTWATER AND FRESHWATER FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1073-1078. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-009140 Kusuda, R.; Itami, T.; Munekiyo, M. and Nakajima, H. [CHARACTERISTICS OF A /EDWARDSIELLA/ SP. FROM AN EPIZOOTIC OF CULTURED CRIMSON SEA BREAMS.] *Bull. Jpn. Soc. Sci. Fish.* 43(2):129-134. Feb. 1977. In Japanese with English summ. SFA 22(3)

71-009141 Kusuda, R.; Kawai, K.; Jo, Y.; Akizuki, T.; Fukunaga, M. and Kotake, N. [EFFICACY OF ORAL VACCINATION FOR VIBRIOSIS IN CULTURED AYU.] *Bull. Jpn. Soc. Sci. Fish.* 44(1):21-25. Jan. 1978. In Japanese with English summ. SFA 23(3)

71-009142 Kusuda, R.; Komatsu, I. and Kawai, K. /STREPTOCOCCUS/ SP. ISOLATED FROM AN EPIZOOTIC OF CULTURED EELS. *Bull. Jpn. Soc. Sci. Fish.* 44(3):295. Mar. 1978. SFA 23(3)

71-009143 Laidler, L. A. DETECTION AND IDENTIFICATION OF THE BACTERIAL KIDNEY DISEASE (BKD) ORGANISM BY THE INDIRECT FLUORESCENT ANTIBODY TECHNIQUE. *J. Fish Dis.* 3(1):67-69. Jan. 1980. SFA 25(2)

71-009144 Lannan, J. E. VIBRIOSIS VACCINATION OF CHUM SALMON BY HYPEROSMOTIC INFILTRATION. *Prog. Fish-Cult.* 40 (2): 43-45. Apr. 1978. SFA 23(3)

71-009145 Larsen, J. L. and Jensen, N. J. THE ULCUS-SYNDROME IN COD (/GADUS MORHUA/). II. A BACTERIOLOGICAL INVESTIGATION. *Nord. Veterinaermed.* 31(7/8):289-296. July-Aug. 1979. In English with Danish summ. SFA 25(1)

71-009146 Lester, R. J. G. and Budd, J. SOME CHANGES IN THE BLOOD CELLS OF DISEASED COHO SALMON. *Can. J. Zool.* 57 (7): 1458-1464. July 1979. In English with French summ. SFA 24(4)

71-009147 Lewis, D. H. and Udey, L. R. MENINGITIS IN FISH CAUSED BY AN ASPOROGENOUS ANAEROBIC BACTERIUM. *U.S. Fish Wildl. Serv. Fish. Dis. Leafl.* 56. 5p. 1978. SFA 24(1)

71-009148 Li, M. F.; Traxler, G. S. and Clyburne, S. HISTOPATHOLOGICAL AND HEMATOLOGICAL CHANGES IN MUMMICHOGS, /FUNDULUS HETEROCLITUS/, INFECTED BY A PSEUDOMONAD. *J. Fish. Res. Board Can.* 35(10):1376-1381. Oct. 1978. In English with French summ. SFA 24(1)

71-009149 Llewellyn, L. C. A BACTERIUM WITH SIMILARITIES TO THE REDMOUTH BACTERIUM AND *SERRATIA LIQUEFACIENS* (GRIMES AND HENNERTY) CAUSING MORTALITIES IN HATCHERY REARED SALMONIDS IN AUSTRALIA. *J. Fish Dis.* 3(1):29-39. Jan. 1980. SFA 25(2)

71-009150 Lounatmaa, K. and J. Janatuinen. ELECTRON MICROSCOPY OF AN ULCERATIVE DERMAL NECROSIS (UDN)-LIKE SALMON DISEASE IN FINLAND. *J. Fish Dis.* 1(4):369-375. Oct. 1978. SFA 25(2)

71-009151 Lund, J. E. and Abernethy, C. S. LESIONS OF TUBERCULOSIS IN MOUNTAIN WHITEFISH (/PROSOPIUM WILLIAMSONI/). *J. Wildl. Dis.* 14 (2): 222-228. Apr. 1978. SFA 23(3)

71-009152 McCarthy, D. H. PRESENT STATUS OF AEROMONAS INFECTIONS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 182-189. Apr. 1977. SFA 23(1)

71-009153 McCarthy, D. H. FISH FURUNCULOSIS CAUSED BY /AEROMONAS SALMONICIDA/ VAR. /ACHROMOGENES/. *J. Wildl. Dis.* 11(4):489-493. Oct. 1975. SFA 22(1)

71-009154 McCarthy, D. H. VIBRIO DISEASE IN EELS. *J. Fish Biol.* 8(4):317-320. Apr. 1976. SFA 22(1)

71-009155 Michel, C. A STANDARDIZED MODEL OF EXPERIMENTAL FURUNCULOSIS IN RAINBOW TROUT (*SALMO GAIRDNERI*). *Can. J. Fish. Aquatic Sci.* 37(4):746-750. Apr. 1980. SFA 25(2)

71-009156 Mikryakov, V. R. AGE-RELATED VARIABILITY IN THE ANTIMICROBIAL EFFECT OF THE BLOOD SERUM OF THE BREAM, *ABRAMIS BRAMA*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):143-149. 1979. SFA 25(3)

71-009157 Minchew, C. D. and Yarbrough, J. D. THE OCCURRENCE OF FIN ROT IN MULLET (/MUGIL CEPHALUS/) ASSOCIATED WITH CRUDE OIL CONTAMINATION OF AN ESTUARINE POND-ECOSYSTEM. *J. Fish Biol.* 10(4):319-323. Apr. 1977. SFA 22(3)

71-009158 Mitchell, A. J. and J. A. Plumb. TOXICITY AND EFFICACY OF FURANACE ON CHANNEL CATFISH *ICTALURUS PUNCTATUS* (RAFINESQUE) INFECTED EXPERIMENTALLY WITH *AEROMONAS HYDROPHILA*. *J. Fish Dis.* 3(2):93-99. Mar. 1980. SFA 25(3)

71-009159 Mitchum, D. L.; Baxter, G. T. and Sherman, L. E. BACTERIAL KIDNEY DISEASE IN FERAL POPULATIONS OF BROOK TROUT (/SALVELINUS FONTINALIS/), BROWN TROUT (/SALMO TRUTTA/), AND RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36(11):1370-1376. Nov. 1979. In English with French summ. SFA 25(1)

71-009160 Morse, E. V.; Greenwood, D. E.; Meyers, E. P.; Anderson, V. L. and Duncan, M. A. EXPERIMENTAL /SALMONELLA/ INFECTIONS IN /CARASSIUS AURATUS/ (GOLDFISH). *J. Environ. Sci. Health A Environ. Sci. Eng.* 13 (4): 325-335. 1978. SFA 23(4)

71-009161 Murchelano, R. A. and Ziskowski, J. HISTOPATHOLOGY OF AN ACUTE FIN LESION IN THE SUMMER FLOUNDER, /PARALICHTHYS DENTATUS/, AND SOME SPECULATIONS ON THE ETIOLOGY OF FIN ROT DISEASE IN THE NEW YORK BIGHT. *J. Wildl. Dis.* 13(1):103-106. Jan. 1977. SFA 22(3)

71-009162 Murchelano, R. A. THE HISTOPATHOLOGY OF FIN ROT DISEASE IN WINTER FLOUNDER FROM THE NEW YORK BIGHT. *J. Wildl. Dis.* 11(2):263-268. Apr. 1975. SFA 22(1)

71-009163 Muroga, K.; Sugiyama, T. and Ueki, N. PASTEURELLOSIS IN CULTURED BLACK SEABREAM (/MYLIO MACROCEPHALUS/). *J. Fac. Fish. Anim. Husb. Hiroshima Univ.* 16(1):17-21. Aug. 1977. In English with Japanese summ. SFA 23(1)

71-009164 Muroga, K.; Takahashi, S.; Nishibuchi, M. and Yamanoi, H. NON-CHOLERA VIBRIO ISOLATED FROM DISEASED AYU. *Bull. Jpn. Soc. Sci. Fish.* 45(7):829-834. July 1979. SFA 25(1)

71-009165 Nakai, T. and Muroga, K. STUDIES ON RED SPOT DISEASE OF POND-CULTURED EELS--V. IMMUNE RESPONSE OF THE JAPANESE EEL TO THE CAUSATIVE BACTERIUM /PSEUDOMONAS ANGUILLISEPTICA/. *Bull. Jpn. Soc. Sci. Fish.* 45(7):817-821. July 1979. SFA 25(1)

71-009166 Newman, S. G. PRODUCTION AND ROLES OF FACTORS INVOLVED IN THE PATHOGENESIS OF /VIBRIO ANGUILLARUM/ STRAIN LS-74 STUDIED IN JUVENILE CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) *Ph.D. dissertation, Univ. Miami* 136p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(4):1538. Oct. 1979. SFA 25(1)

71-009167 Nishibuchi, M.; K. Muroga; R. J. Seidler and J. L. Fryer. PATHOGENIC *VIBRIO* ISOLATED FROM CULTURED EELS--IV. DEOXYRIBONUCLEIC ACID STUDIES. *Bull. Jpn. Soc. Sci. Fish.* 45(12):1469-1473. Dec. 1979. SFA 25(2)

71-009168 Nomura, T. [PATHOLOGICAL STUDIES ON THE BROOD RAINBOW TROUT DIED AFTER EGG-STRIPPING--II. OCCURRENCE OF /AEROMONAS SALMONICIDA/.] *Sci. Rep. Hokkaido Salmon Hatchery* 32:43-48. 1978. In Japanese with English summ. SFA 23(4)

71-009169 Novotny, A. J. VIBRIOSIS AND FURUNCULOSIS IN MARINE CULTURED SALMON IN PUGET SOUND, WASHINGTON. *Mar. Fish. Rev.* 40(3):52-55. Mar. 1978. SFA 23(4)

71-009170 Novotny, A. J.; Harrell, L. W. and Nyegaard, C. W. VIBROSIS: A COMMON DISEASE OF PACIFIC SALMON CULTURED IN MARINE WATERS OF WASHINGTON. *Wash. State Univ. Coop. Ext. Serv. Ext. Bull.* 663. 8p. Sept. 1975. SFA 21(1).

71-009171 O'Leary, P. J.; Cisar, J. O. and Fryer, J. L. THE EFFECT OF TEMPERATURE ON AGGLUTINATION ACTIVITY OF COHO SALMON /ONCORHYNCHUS KISUTCH/ (WALBAUM) ANTISERUM. *J. Fish Dis.* 1 (1): 123-125. Jan. 1978. SFA 23(3)

71-009172 Pal, R. N. and Ghosh, A. K. AN EFFECTIVE METHOD OF CONTROLLING TAIL AND FIN ROT IN INDIAN MAJOR CARPS. *J. Inland Fish. Soc. India* 7: 98-100. Dec. 1975. SFA 24(3)

71-009173 Paterson, W. D.; Marshall, L.; Desautels, D. and Gallant, C. DETECTION OF BACTERIAL KIDNEY DISEASE IN WILD SALMONIDS IN THE MARGAREE RIVER SYSTEM AND ADJACENT WATERS USING AN INDIRECT FLUORESCENT ANTIBODY TECHNIQUE. *J. Fish. Res. Board Can.* 36(12):1464-1468. Dec. 1979. In English with French summ. SFA 25(1)

71-009174 Phelps, R. P.; Plumb, J. A. and Harris, C. W. CONTORL OF EXTERNAL BACTERIAL INFECTIONS OF BLUEGILLS WITH POTASSIUM PERMANGANATE. *Prog. Fish-Cult.* 39(3):142-143. July 1977. SFA 22(4)

71-009175 Plumb, J. A.; Grizzle, J. M. and Defigueiredo, J. NECROSIS AND BACTERIAL INFECTION IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) FOLLOWING HYPOXIA. *J. Wildl. Dis.* 12(2):247-253. Apr. 1976. SFA 22(1)

71-009176 Prescott, S. R. A TECHNICAL REPORT ON ORAL IMMUNIZATION OF MARINE TROPICAL FISH AGAINST /VIBRIO ANGUILLARUM/. *Aquaculture* 11(3):281-283. July 1977. SFA 22(4)

71-009177 Pyle, S. W. and E. B. Shotts, Jr. A NEW APPROACH FOR DIFFERENTIATING FLEXIBACTERIA ISOLATED FROM COLD-WATER AND WARMWATER FISH. *Can. J. Fish. Aquatic Sci.* 37(6):1040-1042. June 1980. In English with French summ. SFA 25(3)

71-009178 Reynolds, W. W.; J. B. Covert and M. E. Casterlin. FEBRILE RESPONSES OF GOLDFISH *CARASSIUS AURATUS* (L.) TO *AEROMONAS HYDROPHILA* AND TO *ESCHERICHIA COLI* ENDOTOXIN. *J. Fish Dis.* 1(3):271-273. SFA 25(2)

71-009179 Reynolds, W. W.; Casterlin, M. e. and Covert, J. B. FEBRILE RESPONSES OF BLUEGILL (/LEPOMIS MACROCHIRUS/) TO BACTERIAL PYROGENS. *J. Therm. Biol.* 3(3):129-130. July 1978. SFA 23(4)

71-009180 Reynolds, W. W. FEVER AND ANTIPYRESIS IN THE BLUEGILL SUNFISH, /LEPOMIS MACROCHIRUS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57(2):165-167. 1977. SFA 23(1)

71-009181 Roberts, R. J. and M. T. Horne. BACTERIAL MENINGITIS IN FARMED RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON AFFECTED WITH CHRONIC PANCREATIC NECROSIS. *J. Fish Dis.* 1(2):157-164. Apr. 1978. SFA 25(2)

71-009182 Robohm, R. A. and Brown, C. A NEW BACTERIUM (PRESUMPTIVE /VIBRIO/ SPECIES) CAUSING ULCERS IN FLATFISH. *Mar. Fish. Rev.* 40(10):5-7. Oct. 1978. SFA 24(2)

71-009183 Rodsaether, M. C.; Olafsen, J.; Raa, J.; Myhre, K. and Steen, J. B. COPPER AS AN INITIATING FACTOR OF VIBRIOSIS (/VIBRIO ANGUILLARUM/) IN EEL (/ANGUILLA ANGUILLA). *J. Fish Biol.* 10(1):17-21. Jan. 1977. SFA 22(3)

71-009184 Rohovec, J. S.; Garrison, R. L. and Fryer, J. L. IMMUNIZATION OF FISH FOR THE CONTROL OF VIBROSIS. *In Proc. Third U.S.-Japan Meeeting on Aquaculture, Tokyo, Japan, Oct. 15-16, 1974. Spec. Publ. Fish. Agency, Japanese Govt. Japan Sea Reg. Fish. Res. Lab., Niigata.* p. 105-112. Oct. 1975. SFA 21(1).

71-009185 Sakai, D. K. [INVASIVE ROUTES OF *AEROMONAS SALMONICIDA* SUBSP. *SALMONICIDA*. *Sci. Rep. Hokkaido Fish Hatchery* No. 34. p. 1-6. Dec. 1979. In Japanese with English summ. SFA 25(4)

71-009186 Sanders, J. E. and J. L. Fryer. *RENIBACTERIUM SALMONINARUM* GEN. NOV., SP. NOV., THE CAUSATIVE AGENT OF BACTERIAL KIDNEY DISEASE IN SALMONID FISHES. *Int. J. Syst. Bacteriol.* 30(2):496-502. Apr. 1980. SFA 25(3)

71-009187 Sanders, J. E.; Pilcher, K. S. and Fryer, J. L. RELATION OF WATER TEMPERATURE TO BACTERIAL KIDNEY DISEASE IN COHO SALMON (/ONCORHYNCHUS KISUTCH/), SOCKEYE SALMON (/O. NERKA/), AND STEELHEAD TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35(1):8-11. Jan. 1978. In English with French summ. SFA 23(2)

71-009188 Sanders, J. E.; Holt, R. A. and Fryer, J. L. SEROLOGICAL COMPARISON OF /FLEXIBACTER COLUMNARIS/ ISOLATES USING RABBIT AND RAINBOW TROUT (/SALMO GAIRDNERI/) ANTISERA. *J. Fish. Res. Board Can.* 33(6):1386-1388. June 1976. In English with French summ. SFA 21(2).

71-009189 Sawyer, E. S. AN OUTBREAK OF MYXOBACTERIAL DISEASE IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) REARED IN A MAINE ESTUARY. *J. Wildl. Dis.* 12(4):575-578. Oct. 1976. SFA 22(1)

71-009190 Sawyer, E. S. and Strout, R. G. SURVIVAL AND GROWTH OF VACCINATED, MEDICATED AND UNTREATED COHO SALMON (/ONCORHYNCHUS KISUTCH/) EXPOSED TO /VIBRIO ANGUILLARUM/. *Aquaculture* 10(4):311-315. Apr. 1977. SFA 22(4)

71-009191 Sawyer, E. S. VIBRIOSIS IN MAINE AND NEW HAMPSHIRE SALMONIDS. *Mar. Fish. Rev.* 40 (10): 9-10. Oct. 1978. SFA 24(2)

71-009192 Sawyer, E. S.; Strout, R. G. and Coutermarsh, B. A. COMPARATIVE SUSCEPTIBILITY OF ATLANTIC (/SALMO SALAR/) AND COHO (/ONCORHYNCHUS KISUTCH/) SALMON TO THREE STRAINS OF /VIBRIO ANGUILLARUM/ FROM THE MAINE-NEW HAMPSHIRE COAST. *J. Fish. Res. Board Can.* 36 (3): 280-282. Mar. 1979. In English with French summ. SFA 24(3)

71-009193 Schachte, J. H., Jr. IMMUNIZATION OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, AGAINST TWO BACTERIAL DISEASES. *Mar. Fish. Rev.* 40(3):18-19. Mar. 1978. SFA 23(4)

71-009194 Schachte, J. H., Jr. STUDIES ON THE IMMUNIZATION OF THE CHANNEL CATFISH AGAINST TWO BACTERIAL PATHOGENS. *Ph.D. dissertation, Auburn Univ.* 101p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-009195 Schiewe, M. H. and Hodgins, H. O. SPECIFICITY OF PROTECTION INDUCED IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) BY HEAT-TREATED COMPONENTS OF TWO PATHOGENIC VIBRIOS. *J. Fish. Res. Board Can.* 34(7):1026-1028. July 1977. In English with French summ. SFA 22(4)

71-009196 Sebastian, C. A. and Fairgrieve, W. T. THE USE OF CHLORAMPHENICOL AS AN ANTIBACTERIAL AGENT FOR PREVENTING POST-SPAWNING MORTALITY OF SILVER CARP (/HYPOPHTHALMICHTHYS MOLITRIX/). *Philipp. Bur. Fish. Aquatic Resour. Tech. Pap. Ser.* 1(2):1-2. May 1977. SFA 23(1)

71-009197 Shieh, H. S. and Maclean, J. R. BLOOD CHANGES IN BROOK TROUT INDUCED BY INFECTION WITH /AEROMONAS SALMONICIDA/. *J. Wildl. Dis.* 12(1):77-82. Jan. 1976. SFA 22(1)

71-009198 Shieh, H. S. CHANGES OF BLOOD ENZYMES IN BROOK TROUT INDUCED BY INFECTION WITH /AEROMONAS SALMONICIDA/. *J. Fish Biol.* 12(1):13-18. Jan. 1978. SFA 23(2)

71-009199 Shireman, J. V.; Colle, D. E. and Rottman, R. W. INCIDENCE AND TREATMENT OF COLUMNARIS DISEASE IN GRASS CARP BROOD STOCK. *Prog. Fish-Cult.* 38(2):116-117. Apr. 1976. SFA 21(3).

71-009200 Shotts, E. B., Jr.; F. D. Talkington; D. G. Elliott and D. H. McCarthy. AETIOLOGY OF AN ULCERATIVE DISEASE IN GOLDFISH, *CARASSIUS AURATUS* (L.): CHARACTERIZATION OF THE CAUSATIVE AGENT. *J. Fish. Dis.* 3(3):181-186. May 1980. SFA 25(3)

71-009201 Shotts, E. B., Jr.; Vanderwork, V. L. and Campbell, L. M. OCCURRENCE OF R FACTORS ASSOCIATED WITH /AEROMONAS HYDROPHILA/ ISOLATES FROM AQUARIUM FISH AND WATERS. *J. Fish. Res. Board Can.* 33(4,1):736-740. Apr. 1976. In English with French summ. SFA 21(2).

71-009202 Shotts, E. B., Jr.; Kleckner, A. L.; Gratzek, J. B. and Blue, J. L. BACTERIAL FLORA OF AQUARIUM FISHES AND THEIR SHIPPING WATERS IMPORTED FROM SOUTHEAST ASIA. *J. Fish. Res. Board Can.* 33(4,1):732-735. Apr. 1976. In English with French summ. SFA 21(2).

71-009203 Skoge Johnsen, G. IMMUNOLOGICAL STUDIES ON /VIBRIO ANGUILLARUM/. *Aquaculture* 10(3):221-230. Mar. 1977. SFA 22(3)

71-009204 Snieszko, S. F. BACTERIAL DISEASES OF FISHES AND THEIR CONTROL. *Mar. Fish. Rev.* 40 (10): 2-3. Oct. 1978. SFA 24(2)

71-009205 Snieszko, S. F. MYCOBACTERIOSIS (TUBERCULOSIS) OF FISHES. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* 55. 9p. 1978. SFA 24(1)

BACTERIAL DISEASES (CONTINUED)

71-009206 Souter, B. W.; Sonstegard, R. A. and McDermott, L. A. ENTERIC BACTERIA IN CARP (/CYPRINUS CARPIO/) AND WHITE SUCKERS (/CATOSTOMUS COMMERSONI/). *J. Fish. Res. Board Can.* 33(6):1401-1403. June 1976. In English with French summ. SFA 21(2).

71-009207 Strout, R. G.; Sawyer, E. S. and Coutermarsh, B. A. PATHOGENIC VIBRIOS IN CONFINEMENT-REARED AND FERAL FISHES OF THE MAINE-NEW HAMPSHIRE COAST. *J. Fish. Res. Board Can.* 35 (4): 403-408. Apr. 1978. In English with French summ. SFA 23(3)

71-009208 Stuht, J.; Hildebrandt, T. and Fay, L. SEARCH FOR TYPE E BOTULISM IN FISH FROM INLAND WATERS. *Mich. Dep. Nat. Resour. Wildl. Div. Rep.* No. 2777. 4p. 22 Feb. 1977. SFA 24(4)

71-009209 Suzumoto, B. K.; Schreck, C. B. and McIntyre, J. D. RELATIVE RESISTANCES OF THREE TRANSFERRIN GENOTYPES OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND THEIR HEMATOLOGICAL RESPONSES TO BACTERIAL KIDNEY DISEASE. *J. Fish. Res. Board Can.* 34(1):1-8. Jan 1977. In English with French summ. SFA 22(2)

71-009210 Udey, L. R. ANAEROBIC BACTERIA AS POSSIBLE DISEASE AGENTS IN FISH. *Mar. Fish. Rev.* 40 (10): 10-12. Oct. 1978. SFA 24(2)

71-009211 Udey, L. R. and Fryer, J. L. IMMUNIZATION OF FISH WITH BACTERINS OF /AEROMONAS SALMONICIDA/. *Mar. Fish. Rev.* 40(3):12-17. Mar. 1978. SFA 23(4)

71-009212 Udey, L. R.; Young, E. and Sallman, B. ISOLATION AND CHARACTERIZATION OF AN ANAEROBIC BACTERIUM, /EUBACTERIUM TARANTELLUS/ SP.NOV., ASSOCIATED WITH STRIPED MULLET (/MUGIL CEPHALUS/) MORTALITY IN BISCAYNE BAY, FLORIDA. *J. Fish. Res. Board Can.* 34(3):402-409. Mar. 1977. In English with French summ. SFA 22(3)

71-009213 Walters, G. R. and Plumb, J. A. MODIFIED OXIDATION/FERMENTATION MEDIUM FOR USE IN IDENTIFICATION OF BACTERIAL FISH PATHOGENS. *J. Fish. Res. Board Can.* 35 (12): 1629-1630. Dec. 1978. In English with French summ. SFA 24(2)

71-009214 Weber, J. M. and Zwicker, B. M. /AEROMONAS SALMONICIDA/ IN ATLANTIC SALMON (/SALMO SALAR/): OCCURRENCE OF SPECIFIC AGGLUTININS TO THREE BACTERIAL PATHOGENS. *J. Fish. Res. Board Can.* 36(9):1102-1107. Sept. 1979. In English with French summ. SFA 25(1)

71-009215 Wedemeyer, G. A. and Nelson, N. C. SURVIVAL OF TWO BACTERIAL FISH PATHOGENS (/AEROMONAS SALMONICIDA/ AND THE ENTERIC REDMOUTH BACTERIUM) IN OZONATED, CHLORINATED, AND UNTREATED WATERS. *J. Fish. Res. Board Can.* 34(3):429-432. Mar. 1977. In English with French summ. SFA 22(3)

71-009216 Williams, I. V. and Stelter, D. PART II. INVESTIGATION OF THE USE OF ANTIBIOTIC TO CONTROL THE PRESPAWNING MORTALITY OF THE 1971 CHILKO POPULATION. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 35. (Part II): 16p. 1977. SFA 22(4)

71-009217 Winter, G. W.; C. B. Schreck and J. D. McIntyre. RESISTANCE OF DIFFERENT STOCKS AND TRANSFERRIN GENOTYPES OF COHO SALMON, *ONCORHYNCHUS KISUTCH*, AND STEELHEAD TROUT, *SALMO GAIRDNERI*, TO BACTERIAL KIDNEY DISEASE AND VIBRIOSIS. *NOAA Fish. Bull.* 77(4):795-802. 1980. SFA 25(4)

71-009218 Wyatt, L. E. MICROBIOLOGICAL PROFILES OF FRESH WATER CATFISH. *Ph.D. dissertation, Texas A&M Univ.* 96p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5206 May 1978. SFA 23(3)

71-009219 Young, C. L. and Chapman, G. B. ULTRASTRUCTURAL ASPECTS OF THE CAUSATIVE AGENT AND RENAL HISTOPATHOLOGY OF BACTERIAL KIDNEY DISEASE IN BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 35 (9): 1234-1248. Sept. 1978. In English with French summ. SFA 24(1)

71-009220 Young, C. L. THE HISTOPATHOLOGY OF BACTERIAL KIDNEY DISEASE IN THE KIDNEY OF BROOK TROUT (/SALVELINUS FONTINALIS/). *Ph. D. dissertation, Georgetown Univ.* 337p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-009221 Zarick, P. P. THE BACTERIUM /AEROMONAS HYDROPHILA/ VAR. /LIQUEFACIENS/ (CHESTER) STANIER IN THE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Ph.D. dissertation, Georgetown Univ.* 235p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4022. Mar. 1978. SFA 23(3)

FUNGAL DISEASES

71-009222 Agius, C. INFECTION BY AN *ICHTHYOPHONUS*-LIKE FUNGUS IN THE DEEP-SEA SCABBARD FISH *APHANOPUS CARBO* (LOWE) (TRICHIURIDAE) IN THE NORTH EAST ATLANTIC. *J. Fish Dis.* 1(2):191-193. Apr. 1978. SFA 25(2)

71-009223 Blazer, V. S. and R. E. Wolke. AN *EXOPHIALA*-LIKE FUNGUS AS THE CAUSE OF A SYSTEMIC MYCOSIS OF MARINE FISH. *J. Fish Dis.* 2(2):145-152. Mar. 1979. SFA 25(2)

FUNGAL DISEASES (CONTINUED)

71-009224 Emerson, M.; B. L. Nicholson and R. Bayer. EFFECTS OF *ACHOLEPLASMA LAIDLAWII* AND AN UNIDENTIFIED MYCOPLASMA ON SELECTED FISH CELL CULTURES AND THE REPLICATION OF FISH VIRUSES. *J. Fish. Dis.* 2(3):227-238. May 1979. SFA 25(2)

71-009225 Ghittino, P. and Cortellezzi, G. C. CASO DI MICOSI RENALE NELLA TROTA IRIDEA. [A CASE REPORT OF KIDNEY MYCOTIC INFECTION IN RAINBOW TROUT.] *Riv. It. Piscic. Ittiop.* 12(2):55-58. Apr.-Mar.-June 1977. In Italian with English summ. SFA 23(1)

71-009226 Inslee, T. D. A PRELIMINARY REPORT ON THE CONTROL OF PATHOGENIC FUNGI IN EARTHEN CULTURE PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:418-421. 1977[1979]. SFA 24(4)

71-009227 Kojima, H. [EFFECTS OF TANNIC ACID ON AQUATIC FUNGI ASSOCIATED WITH DISEASES OF FISH EGGS.] *Sci. Rep. Hokkaido Fish Hatchery* 33:45-53. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-009228 Mayer, F. L. 2,4-D REDUCES /SAPROLEGNIA/ OF FATHEAD MINNOW EGGS. *Prog. Fish-Cult.* 38(1):19. Jan. 1976. SFA 21(1).

71-009229 Neish, G. A. OBSERVATIONS ON SAPROLEGNIASIS OF ADULT SOCKEYE SALMON, /ONCORHYNCHUS NERKA/ (WALBAUM). *J. Fish Biol.* 10(5):513-522. May 1977. SFA 22(3)

71-009230 Olah, J. and Farkas, J. EFFECT OF TEMPERATURE, PH, ANTIBIOTICS, FORMALIN AND MALACHITE GREEN ON THE GROWTH AND SURVIAL OF /SAPROLEGNIA/ AND /ACHLYA/ PARASITIC ON FISH. *Aquaculture* 13 (3): 273-2889 Mar. 1978. SFA 23(3)

71-009231 Oseid, D. M. CONTROL OF FUNGUS GROWTH ON FISH EGGS BY /ASELLUS MILITARIS/ AND /GAMMARUS PSEUDOLIMNAEUS/. *Trans. Am. Fish. Soc.* 106(2):192-195. Mar. 1977. SFA 22(3)

71-009232 Peduzzi, R.; Nolard-Tintigner, N. and Bizzozero, S. RECHERCHES SUR LA SAPROLEGNIOSE. II. ETUDE DU PROCESSUS DE PENETRATION, MISE EN EVIDENCE D'UNE ENZYME PROTEOLYTIQUE ET ASPECT HISTOPATHOLOGIQUE. [RESEARCH ON /SAPROLEGNIA/. II. STUDY OF THE PROCESS OF PENETRATION, WITH EVIDENCE OF A PROTEOLYTIC ENZYME AND HISTOPATHOLOGIC ASPECTS.] *Riv. It. Piscic. Ittiop.* 11(4):109-117. Oct.-Nov.-Dec. 1976. In French with English and Italian summ. SFA 22(3)

71-009233 Pickering, A. D. and Willoughby, L. G. EPIDERMAL LESIONS AND FUNGAL INFECTION ON THE PERCH, /PERCA FLUVIATILIS/ L., IN WINDERMERE. *J. Fish Biol.* 11(4):349-354. Oct. 1977. SFA 23(1)

71-009234 Richards, R. H. and A. D. Pickering. CHANGES IN SERUM PARAMETERS OF *SAPROLEGNIA*-INFECTED BROWN TROUT, *SALMO TRUTTA* L. *J. Fish Dis.* 2(3):197-206. May 1979. SFA 25(2)

71-009235 Richards, R. H.; A. Holliman and S. Helgason. *EXOPHIALA SALMONIS* INFECTION IN ATLANTIC SALMON *SALMO SALAR* L. *J. Fish Dis.* 1(4):357-368. Oct. 1978. SFA 25(2)

71-009236 Richards, R. H. and Pickering, A. D. FREQUENCY AND DISTRIBUTION PATTERNS OF /SAPROLEGNIA/ INFECTION IN WILD AND HATCHERY-REARED BROWN TROUT /SALMO TRUTTA/ L. AND CHAR /SALVELINUS ALPINUS/ (L.). *J. Fish Dis.* 1 (1): 69-82. Jan. 1978. SFA 23(3)

71-009237 Shah, K. L.; Jha, B. C. and Jhingran, A. G. OBSERVATIONS ON SOME AQUATIC PHYCOMYCETES PATHOGENIC TO EGGS AND FRY OF FRESHWATER FISH AND PRAWN. *Aquaculture* 12(2):141-147. Oct. 1977. SFA 23(1)

71-009238 Taylor, S. G. and Bailey, J. E. /SAPROLEGNIA/: CONTROL OF FUNGUS ON INCUBATING EGGS OF PINK SALMON BY TREATMENT WITH SEAWATER. *Prog. Fish-Cult.* 47(4):181-183. Oct. 1979. SFA 25(1)

71-009239 Willoughby, L. G. SAPROLEGNIAS OF SALMONID FISH IN WINDERMERE: A CRITICAL ANALYSIS. *J. Fish Dis.* 1 (1): 51-67. Jan. 1978. SFA 23(3)

PROTOZOAN DISEASES

71-009240 Anderson, C. D.; Roberts, R. J.; MacKenzie, K. and McVicar, A. H. THE HEPATO-RENAL SYNDROME IN CULTURED TURBOT (/SCOPHTHALMUS MAXIMUS/ L.). *J. Fish Biol.* 8(4):331-341. Apr. 1976. SFA 22(1)

71-009241 Andrews, C. THE OCCURRENCE OF *HENNEGUYA PSOROSPERMICA* THÉLOHAN, 1895 (MYXOSPORIDA) ON PERCH, *PERCA FLUVIATILIS* L., FROM LLYN TEGID, WALES. *J. Fish Dis.* 2(1):27-33. Jan. 1979. SFA 25(2)

71-009242 Arthur, J. R. and Margolis, L. TWO SPECIES OF /MYXOBILATUS/ (MYXOSPORIDA: MYXOBILATIDAE) FROM FRESHWATER FISHES OF WESTERN CANADA, WITH DESCRIPTION OF /M. YUKONENSIS/ SP. NOV. *Can. J. Zool.* 53(11):1663-1668. Nov. 1975. In English with French summ. SFA 22(1)

71-009243 Awakura, T. and Tonosaki, H. [STUDIES ON /HENNEGUYA/ SPP. (PROTOZOA: MYXOSPORIDIA) PARASITIC IN GOBIID FISHES.] *Sci. Rep. Hokkaido Fish Hatchery* 33: 101-115. Dec. 1978. In Japanese with English summ. SFA 24(4)

71-009244 Becker, C. D. and R. M. Overstreet. HAEMATOZOA OF MARINE FISHES FROM THE NORTHERN GULF OF MEXICO. *J. Fish Dis.* 2(6):469-479. Nov. 1979. SFA 25(2)

71-009245 Becker, C. D. FLAGELLATE PARASITES OF FISH. *In Parasitic Protoza, Vol. 1., Academic Press, Inc.* p. 357-416. 1977. SFA 24(2)

71-009246 Becker, C. D. FLAGELLATE PARASITES OF FISH. *In J. P. Kreier, ed. Parasitic Protozoa, Vol. 1. Academic Press, Inc.* p. 357-416. 1977. SFA 24(3)

71-009247 Becker, C. D. HAEMATOZOA FROM RESIDENT AND ANADROMOUS FISHES OF THE CENTRAL COLUMBIA RIVER: A SURVEY. *Can. J. Zool.* 58(3):356-362. Mar. 1980. In English with French summ. SFA 25(2)

71-009248 Beckert, H. OBSERVATIONS ON THE BIOLOGY OF /ICHTHYOPHTHIRIUS MULTIFILIIS/ (FOUQUET, 1876), ITS SUSCEPTIBILITY TO ETHOXYQUIN, AND SOME IMMUNOLOGICAL RESPONSES OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, TO THIS PARASITE. *Ph.D. dissertation, Univ. Southwest. La.* 198p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-009249 Berrebi, P. ETUDE ULTRASTRUCTURAL DE *GLUGEA ATHERINAE* N. SP., MICROSPORIDIE PARASITE DE L'ATHÉRINE *ATHERINA BOYERI* RISSO 1810 (POISSON TÉLÉOSTÉEN) DANS LES LAGUNES DU LANGUEDOC ET DE PROVENCE. [ULTRASTRUCTURAL STUDIES OF *GLUGEA ATHERINAE* N. SP., MICROSPORIDIA PARASITE OF *ATHERINA BOYERI* RISSO 1810 (PISCES, TELEOSTAEN) IN THE LANGUEDOC AND PROVENCE LAGOONS.] *Z. Parasitenkd.* 60(2):105-122. 1979. In French with English summ. SFA 25(2)

71-009250 Bettencourt, J. S., Jr. A STUDY OF HEMATOZOA OF SOME MARINE FISHES OF NORTHERN NEW ENGLAND. *Ph. D. dissertation, Univ. N.H.* 166p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-009251 Booker, O. J. and W. L. Current. ULTRASTRUCTURE OF *MYXOBILATUS* SP. (MYXOSPORIDA) IN THE LARGEMOUTH BASS. *J. Ala. Acad. Sci.* 51(3):184. July 1980. Abstract only. SFA 25(4)

71-009252 Bower, S. M. and Woo, P. T. K. THE PREVALENCE OF /TRYPANOSOMA CATOSTOMI/ IN WHITE SUCKER (/CATOSTOMUS COMMERSONI/) FROM SOUTHERN ONTARIO. *J. Wildl. Dis.* 15(3):429-431. July 1979. SFA 24(4)

71-009253 Bower, S. M. and Woo, P. T. K. DIVISION AND MORPHOGENESIS OF /CRYPTOBIA CATOSTOMI/ (PROTOZOA: KINETOPLASTIDA) IN THE BLOOD OF WHITE SUCKER (/CATOSTOMUS COMMERSONI/). *Can. J. Zool.* 55(7):1093-1099. July 1977. In English with French summ. SFA 22(4)

71-009254 Bower, S. M. and Woo, P. T. K. MORPHOLOGY AND HOST SPECIFICITY OF /CRYPTOBIA CATOSTOMI/ N. SP. (PROTOZOA: KINETOPLASTIDA) FROM WHITE SUCKER (/CATOSTOMUS COMMERSONI/) IN SOUTHERN ONTARIO. *Can. J. Zool.* 55(7):1082-1092. July 1977. In English with French summ. SFA 22(4)

71-009255 Burreson, E. M. STRUCTURE AND LIFE CYCLE OF /TRYPANOPLASMA BECKERI/ SP. N. (KINETOPLASTIDA), A PARASITE OF THE CABEZON, /SCORPAENICHTHYS MARMORATUS/, IN OREGON COASTAL WATERS. *J. Protozool.* 26(3):343-347. Aug. 1979. SFA 25(1)

71-009256 Burreson, E. M. BIOLOGICAL STUDIES ON THE HEMOFLAGELLATES OF OREGON MARINE FISHES AND THEIR POTENTIAL LEECH VECTORS. *Ph.D. dissertation, Oreg. State Univ.* 143p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(4), 1975. SFA 21(1).

71-009257 Canning, E. U. and J. P. Nicholas. GENUS PLEISTOPHORA (PHYLUM MICROSPORA): REDESCRIPTION OF THE TYPE SPECIES, *PLEISTOPHORA TYPICALIS* GURLEY, 1893 AND ULTRASTRUCTURAL CHARACTERIZATION OF THE GENUS. *J. Fish Dis.* 3(4):317-338. July 1980. SFA 25(4)

71-009258 Chapman, W. R.; Harris, F. A. and Miller, R. W. INCIDENCE AND SEASONAL VARIATIONS OF /EPISTYLIS/ AMONG FISHES IN NORTH CAROLINA RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:269-275. 1976[1978]. SFA 24(1)

71-009259 Cheung, P. J.; R. F. Nigrelli and G. D. Ruggieri. STUDIES ON CRYPTOCARYONIASIS IN MARINE FISH: EFFECT OF TEMPERATURE AND SALINITY ON THE REPRODUCTIVE CYCLE OF *CRYPTOCARYON IRRITANS* BROWN, 1951. *J. Fish Dis.* 2(2):93-97. Mar. 1979. SFA 25(2)

71-009260 Cheung, P. J.; R. F. Nigrelli and G. D. Ruggieri. STUDIES ON THE MORPHOLOGY OF *URONEMA MARINUM* DUJARDIN (CILIATEA: URONEMATIDAE) WITH A DESCRIPTION OF THE HISTOPATHOLOGY OF THE INFECTION IN MARINE FISHES. *J. Fish Dis.* 3(4):295-303. July 1980. SFA 25(4)

71-009261 Cone, D. K. and Anderson, R. C. MYXOSPORIDAN PARASITES OF PUMPKINSEED (/LEPOMIS GIBBOSUS/ L.) FROM ONTARIO. *Parasitology* 63(4):657-666. Aug. 1977. SFA 22(4)

71-009262 Cottrell, B. J. A TRYPANOSOME FROM THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Fish Biol.* 11(1):35-47. July 1977. SFA 22(4)

71-009263 Crites, J. L. THE OCCURRENCE OF /EPISTYLIS NIAGARAE/ (CLIOPHORA: PERITRICHIDA) ON FISHES FROM THE ISLAND REGION OF WESTERN LAKE ERIE. *Ohio J. Sci.* 77(4):193-194. July-Aug. 1977. SFA 22(4)

71-009264 Current, W. L. and Janovy, J., Jr. COMPARATIVE STUDY OF ULTRASTRUCTURE OF INTERLAMELLAR AND INTRALAMELLAR TYPES OF /HENNEGUYA EXILIS/ KUDO FROM CHANNEL CATFISH. *J. Protozool.* 25(1):56-65. Feb. 1978. SFA 23(3)

71-009265 Current, W. L. THE BIOLOGY OF /HENNEGUYA EXILIS/. *Ph.D. dissertation, Univ. Nebr. (Lincoln)* 84p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3080. Jan. 1978. SFA 23(3)

71-009266 Current, W. L. /HENNEGUYA ADIPOSA/ MINCHEW (MYXOSPORIDA) IN THE CHANNEL CATFISH: ULTRASTRUCTURE OF THE PLASMODIUM WALL AND SPOROGENESIS. *J. Protozool.* 26(2):209-217. May 1979. SFA 24(4)

71-009267 Current, W. L. and Janovy, J., Jr. ULTRASTRUCTURE OF INTERLAMELLAR /HENNEGUYA EXILIS/ IN THE CHANNEL CATFISH. *J. Parasitol.* 62(6):975-981. Dec. 1976. SFA 22(2)

71-009268 Current, W. L. and Janovy, J., Jr. SPOROGENESIS IN /HENNEGUYA EXILIS/ INFECTING THE CHANNEL CATFISH: AN ULTRASTRUCTURAL STUDY. *Protistologia* 13(2):157-167. 1977. In English with French summ. SFA 22(4)

71-009269 Current, W. L.; J. Janovy, Jr. and S.A. Knight. *MYXOSOMA FUNDULI* KUDO (MYXOSPORIDA) IN *FUNDULUS KANSAE*: ULTRASTRUCTURE OF THE PLASMODIUM WALL AND OF SPOROGENESIS. *J. Protozool.* 26(4):574-583. Nov. 1979. SFA 25(2)

71-009270 Daniels, S. B.; Herman, R. L. and Burke, C. N. FINE STRUCTURE OF AN UNIDENTIFIED PROTOZOON IN THE EPITHELIUM OF RAINBOW TROUT EXPOSED TO WATER WITH /MYXOSOMA CEREBRALIS/. *J. Protozool.* 23(3):402-410. Aug. 1976. SFA 22(2)

71-009271 Davies, A. J. and Johnston, M. R. L. THE BIOLOGY OF /HAEMOGREGARINA BIGEMINA/ LAVERAN & MESNIL, A PARASITE OF THE MARINE FISH /BLENNIUS PHOLIS/ LINNAEUS. *J. Protozool.* 23(2):315-320. May 1976. SFA 22(2)

71-009272 Davies, A. J. COCCIDIAN PARASITES OF INTERTIDAL FISHES FROM WALES: SYSTEMATICS, DEVELOPMENT, AND CYTOCHEMISTRY. *J. Protozool.* 25 (1): 15-21. Feb. 1978. SFA 23(3)

71-009273 De Kinkelin, P. OCCURRENCE OF A MICROSPORIDIAN INFECTION IN ZEBRA DANIO *BRACHYDANIO RERIO* (HAMILTON-BUCHANAN). *J. Fish Dis.* 3(1):71-73. Jan. 1980. SFA 25(2)

71-009274 Desser, S. S. and Paterson, W. B. MORPHOLOGY OF THE SPORES OF /MYXOSOMA NOTROPIS/ FANTHAM, PORTER AND RICHARDSON, 1939. *Can. J. Zool.* 56 (2): 311-314. Feb. 1978. In English with French summ. SFA 23(3)

71-009275 Desser, S. S. and Paterson, W. B. ULTRASTRUCTURAL AND CYTOCHEMICAL OBSERVATIONS ON SPOROGENESIS OF /MYXOBOLUS/ SP. (MYXOSPORIDA: MYXOBOLIDAE) FROM THE COMMON SHINER /NOTROPIS CORNUTUS/. *J. Protozool.* 25 (3, Part 2): 314-326. Aug. 1978. SFA 24(1)

71-009276 Duncan, B. L. URCEOLARIID CILIATES, INCLUDING THREE NEW SPECIES, FROM CULTURED PHILIPPINE FISHES. *Trans. Am. Microsc. Soc.* 96(1):76-81. Jan. 1977. SFA 22(3)

71-009277 Duszynski, D. W.; Solangi, M. A. and Overstreet, R. M. A NEW AND UNUSUAL EIMERIAN (PROTOZOA: EIMERIIDAE) FROM THE LIVER OF THE GULF KILLIFISH, /FUNDULUS GRANDIS/. *J. Wildl. Dis.* 15(4):543-552. Oct. 1979. SFA 25(1)

71-009278 Dyková, I. and J. Lom. TISSUE REACTIONS TO MICROSPORIDIAN INFECTIONS IN FISH. *J. Fish Dis.* 3(4):265-283. July 1980. SFA 25(4)

71-009279 Dyková, I. and J. Lom. HISTOPATHOLOGICAL CHANGES IN *TRYPANOSOMA DANILEWSKYI* LAVERAN & MESNIL, 1904 AND *TRYPANOPLASMA BORELLI* LAVERAN & MESNIL, 1902 INFECTIONS OF GOLDFISH, *CARASSIUS AURATUS* (L.). *J. Fish Dis.* 2(5):381-390. Sept. 1979. SFA 25(2)

71-009280 Dykova, I. and Lom, J. TISSUE REACTION OF THE THREE-SPINED STICKLEBACK /GASTEROSTEUS ACULEATUS/ L. TO INFECTION WITH /GLUGEA ANOMALA/ (MONIEZ, 1887). *J. Fish Dis.* 1(1):83-90. Jan 1978. SFA 23(3)

71-009281 Dykova, I. and Lom, J. HISTOPATHOLOGICAL CHANGES IN FISH GILLS INFECTED WITH MYXOSPORIDIAN PARASITES OF THE GENUS /HENNEGUYA/. *J. Fish Biol.* 12 (3): 197-202. Mar. 1978. SFA 23(3)

71-009282 Ellis, A. E. and R. Wootten. COSTIASIS OF ATLANTIC SALMON, *SALMO SALAR* L. SMOLTS IN SEAWATER. *J. Fish Dis.* 1(4):389-393. Oct. 1978. SFA 25(2)

71-009283 Fange, R. PROTOZOAN INFECTIONS (HAEMOGREGARINES, TRYPANOSOMES) OF THE BLOOD OF THE GADOID FISH, /MELANOGRAMMUS AEGLEFINUS/ (HADDOCK) AND /GAIDROPSAURUS CIMBRIUS/ (FOUR-BEARDED ROCKLING). *Acta Zool. (Stockh.)* 60(3):129-137. 1979. SFA 25(1)

71-009284 Farley, D. G. and R. Heckmann. ATTEMPTS TO CONTROL *ICHTHYOPHTHIRUS MULTIFILIIS* FOUQUET (CHILIOPHORA: OPHRYOGLENIDAE) BY CHEMOTHERAPY AND ELECTROTHERAPY. *J. Fish. Dis.* 3(3):203-212. May 1980. SFA 25(3)

71-009285 Ferguson, H. W. SCANNING AND TRANSMISSION ELECTRON MICROSCOPICAL OBSERVATIONS ON *HEXAMITA SALMONIS* (MOORE, 1922) RELATED TO MORTALITIES IN RAINBOW TROUT FRY *SALMO GAIRDNERI* RICHARDSON. *J. Fish Dis.* 2(1):57-67. Jan. 1979. SFA 25(2)

71-009286 Ferguson, H. W. and Needham, E. A. PROLIFERATIVE KIDNEY DISEASE IN RAINBOW TROUT /SALMO GAIRDNERI/ RICHARDSON. *J. Fish Dis.* 1 (1): 91-108. Jan. 1978. SFA 23(3)

71-009287 Ferguson, H. W.; Campbell, J. N.; Ghittino, P. and Andruetto, S. ULTRASTRUCTURE OF AN AMOEBA ASSOCIATED WITH PROLIFERATIVE KIDNEY DISEASE IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Riv. It. Piscic. Ittiop.* 13 (3): 79-85. July-Aug.-Sept. 1978. In English and Italian. SFA 24(1)

71-009288 George, E.; Harrison, E. J. and Hadley, W. F. THE INCIDENCE OF /MYXOBOLUS DENTIUM/ (PROTOZOA: MYXOSPORIDA) IN /ESOX MASQUINONGY/ OF THE UPPER NIAGARA RIVER. *Trans. Am. Fish. Soc.* 106(5):476-480. Sept. 1977. SFA 23(1)

71-009289 Ghittino, P. and Vigliani, E. LA MIXOSOMIASI DELLA TROTA: UNA VECCHIA PARASSITOSI D'IMPORTANZA ATTUALE. [TROUT WHIRLING DISEASE: AN OLD PARASITOSIS OF PRESENT IMPORTANCE.] *Riv. It. Piscic. Ittiop.* 13(2):49-58. Apr.-May-June 1978. In Italian with English summ. SFA 24(1)

71-009290 Ghittino, P.; Vigliani, E. and Andruetto, S. CASO DI ITTERO DELLA TROTA FARIO IN ITALIA. [A CASE REPORT OF BROWN TROUT JAUNDICE IN ITALY.] *Riv. It. Piscic. Ittiop.* 13(3):89-92. July-Aug.-Sept. 1978. In Italian with English summ. SFA 24(1)

71-009291 Gill, B. S. ON THE OCCURRENCE OF GANGLIONEUROMA AND CYSTS OF /HENNEGUYA OPHIOCEPHALI/ CHAKRAVARTY 1938 IN A FISH. *J. Wildl. Dis.* 11(3):314-347. July 1975. SFA 22(1)

71-009292 Griffin, B. R. and Davis, E. M. /MYXOSOMA CEREBRALIS/: DETECTION OF CIRCULATING ANTIBODIES IN INFECTED RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35(9):1186-1190. Sept. 1978. In English with French summ. SFA 24(1)

71-009293 Halliday, M. M. THE BIOLOGY OF /MYXOSOMA CEREBRALIS/: THE CAUSATIVE ORGANISM OF WHIRLING DISEASE OF SALMONIDS. *J. Fish Biol.* 9(4):339-357. Oct. 1976. SFA 22(2)

71-009294 Heckmann, R. A. and Jensen, L. A. THE HISTOPATHOLOGY AND PREVALENCE OF /HENNEGUYA SEBASTA/ AND /KUDOA CLUPEIDAE/ IN THE ROCKFISH, /SEBASTES PAUCISPINIS/ OF SOUTHERN CALIFORNIA. *J. Wildl. Dis.* 14(2):259-262. Apr. 1978. SFA 23(3)

71-009295 Hine, P. M. /EIMERIA ANGUILLAE/ LEGER & HOLLANDE, 1922 PARASITIC IN NEW ZEALAND EELS. *N.Z. J. Mar. Freshwater Res.* 9(2):239-243. June 1975. SFA 21(3).

71-009296 Hoffman, G. L. and R. Walker. A NEW MYXOSPORIDAN, *DICAUDA ATHERINOIDI* N.G., N. SP., OF THE MINNOW, *NOTROPIS ATHERINOIDES* RAFINESQUE. *J. Fish Dis.* 1(4):343-349. Oct. 1978. SFA 25(2)

71-009297 Hoffman, G. L. and O'Grodnick, J. J. CONTROL OF WHIRLING DISEASE (/MYXOSOMA CEREBRALIS/): EFFECTS OF DRYING, AND DISINFECTION WITH HYDRATED LIME OR CHLORINE. *J. Fish Biol.* 10(2):175-179. Feb. 1977. SFA 22(3)

71-009298 Hoffman, G. L. and Markiw, M. E. CONTROL OF WHIRLING DISEASE (/MYXOSOMA CEREBRALIS/): USE OF METHYLENE BLUE STAINING AS A POSSIBLE INDICATOR OF EFFECT OF HEAT ON SPORES. *J. Fish Biol.* 10(2):181-183. Feb. 1977. SFA 22(3)

71-009299 Hoffman, G. L. WHIRLING DISEASE (/MYXOSOMA CEREBRALIS/): CONTROL WITH ULTRAVIOLET IRRADIATION AND EFFECT ON FISH. *J. Wildl. Dis.* 11(4):505-507. Oct. 1975. SFA 22(1)

71-009300 Hoffman, G. L. PROTOZOAN DISEASE OF FRESHWATER FISHES, ADVANCES AND NEEDS. *Proc. Int. Wildl. Dis. Conf.* 3. 1976. In English with German summ. SFA 22(2)

71-009301 Hoffman, G. L.; S. L. Kazubski; A. J. Mitchell and C. E. Smith. *CHILODONELLA HEXASTICHA* (KIERNIK, 1909) (PROTOZOA, CILIATA) FROM NORTH AMERICAN WARMWATER FISH. *J. Fish Dis.* 2(2):153-157. Mar. 1979. SFA 25(2)

71-009302 Hoffman, G. L.; Landolt, M.; Camper, J. E.; Coats, D. W.; Stookey, J. L. and Burek, J. D. A DISEASE OF FRESHWATER FISHES CAUSED BY /TETRAHYMENA CORLISSI/ THOMPSON, 1955, AND A KEY FOR IDENTIFICATION OF HOLOTRICH CILIATES OF FRESHWATER FISHES. *J. Parasitol.* 61(2):217-223. Apr. 1975. SFA 22(3)

71-009303 Horvath, L.; Lang, M. and Tamas, G. THE USE OF COPPEROXYCHLORIDE DURING LARVAL GROWTH AS A PREVENTATIVE MEASURE AGAINST THE SPREAD OF CILIATAEXOPARASITES. *Bamidgeh* 30(3):80-84. Sept. 1978. SFA 24(2)

71-009304 Hubert, W. A. and Warner, M. C. CONTROL OF /EPISTYLIS/ ON CHANNEL CATFISH IN RACEWAYS. *J. Wildl. Dis.* 11(2):241-244. Apr. 1975. SFA 22(1)

71-009305 Johnson, K. A.; Fryer, J. L. and Sanders, J. E. /CERATOMYXA SHASTA/ IN SALMONIDS. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* 58. 11p. 1979. SFA 25(1)

71-009306 Joshi, B. D. TWO NEW SPECIES OF TRYPANOSOMES FROM TWO FRESH WATER TELEOSTS. *J. Anim. Morphol. Physiol.* 25(1/2):1-7. June-Dec. 1978. SFA 25(1)

71-009307 Khan, R. A. A NEW HEMOGREGARINE FROM MARINE FISHES. *J. Parasitol.* 64 (1): 35-44. Feb. 1978. SFA 23(3)

71-009308 Khan, R. A. BLOOD CHANGES IN ATLANTIC COD (/GADUS MORHUA/) INFECTED WITH /TRYPANOSOMA MURMANENSIS/. *J. Fish. Res. Board Can.* 34(11):2193-2196. Nov. 1977. In English with French summ. SFA 23(1)

71-009309 Khan, R. A. HISTOLOGICAL CHANGES ASSOCIATED WITH TRICHODINID INFECTIONS IN THORNY SKATES, /RAJA RADIATA/ DONOVAN. *J. Wildl. Dis.* 11(2):205-209. Apr. 1975. SFA 22(1)

71-009310 Khan, R. A. SUSCEPTIBILITY OF MARINE FISH TO TRYPANOSOMES. *Can. J. Zool.* 55(8):1235-1241. Aug. 1977. In English with French summ. SFA 22(4)

71-009311 Kirmse, P. OBSERVATIONS ON THE ULTRASTRUCTURE OF /HAEMOGREGARINA SIMONDI/ IN THE MARINE FLATFISH /SOLEA SOLEA/ (L.). *Z. Parasitenkd.* 59(2):131-140. 1979. SFA 25(1)

71-009312 Kirmse, P. D. *HAEMOGREGARINA SACHAI* N.SP. FROM CULTURED TURBOT *SCOPHTHALMUS MAXIMUS* (L.) IN SCOTLAND. *J. Fish Dis.* 1(4):337-342. Oct. 1978. SFA 25(2)

71-009313 Kirmse, P. OBSERVATIONS ON THE PATHOGENICITY OF *HAEMOGREGARINA SACHAI* KIRMSE, 1978, IN FARMED TURBOT *SCOPHTHALMUS MAXIMUS* (L.). *J. Fish Dis.* 3(2):101-114. Mar. 1980. SFA 25(3)

71-009314 Kirmse, P. REDESCRIPTION OF THE LIFE CYCLE OF /HAEMORGREGARINA Z. SIMONDI/ (LAVERAN AND MESNIL, 1901) IN ITS VERTEBRATE HOST THE MARINE FISH /SOLEA SOLEA/ (LINNAEUS). *J. Parasitenkd.* 59(2):141-150. 1979. SFA 25(1)

71-009315 Kirmse, P. THE ULTRASTRUCTURE OF /HAEMOGREGARINA SACHAI/ (COCCIDIA; ADELEIDEA) FROM THE FARMED MARINE FLATFISH /SCOPHTHALMUS MAXIMUS/ L. *Z. Parasitenkd.* 58(3):201-210. 1979. SFA 24(3)

71-009316 Knight, S. A.; Janovy, J., Jr. and Current, W. L. /MYXOSOMA FUNDULI/ KUDO 1918 (PROTOZOA: MYXOSPORIDA) IN /FUNDULUS KANSAE/: SUMMER EPIZOOTIOLOGY. *J. Parasitol.* 63(5):897-902. Oct. 1977. SFA 23(1)

71-009317 Komourdjian, M. P.; Hulbert, W. C.; Fenwick, J. C. and Moon, T. W. DESCRIPTION AND FIRST OCCURRENCE OF /MYXIDIUM ZEALANDICUM/ (PROTOZOA: MYXOSPORIDIA) IN THE NORTH AMERICAN EEL /ANGUILLA ROSTRATA/ LESUEUR. *Can. J. Zool.* 55(1):52-59. Jan. 1977. In English with French summ. SFA 22(4)

71-009318 Kozel, T. R. THE OCCURRENCE OF /ICHTHYOPHTHIRIUS MULTIFILIS/ (CILIATA: HYMENOSTOMATIDA) IN KENTUCKY WATERS. *Trans. Ky. Acad. Sci.* 37(1-2):41-44. Mar. 1976. SFA 21(4)

71-009319 Kozel, T. R.; M. Lott and R. Taylor. ISOLATION OF *MYXOSOMA CEREBRALIS* (WHIRLING DISEASE) SPORES FROM INFECTED FISH BY USE OF A PHYSICAL SEPARATION TECHNIQUE. *Can. J. Fish. Aquatic Sci.* 37(6):1032-1035. June 1980. In English with French summ. SFA 25(3)

71-009320 Letch, C. A. and Ball, S. J. PREVALENCE OF /TRYPANOSOMA COBITIS/ MITROPHANOW, 1883 IN FISHES FROM THE RIVER LEE. *Parasitology* 79(1):119-124. Aug. 1979. SFA 24(4)

71-009321 Letch, C. A. HOST RESTRICTION, MORPHOLOGY AND ISOENZYMES AMONG TRYPANOSOMES OF SOME BRITISH FRESHWATER FISHES. *Parasitology* 79 (1): 107-117. Aug. 1979. SFA 24(4)

71-009322 Lewis, R. E.; Siler, J. R. and Olmsted, L. L. PREVALENCE AND INTENSITY OF /EPISTYLIS/ ON FISHES FROM TWO NORTH CAROLINA RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:372-379. 1977[1979]. SFA 24(4)

71-009323 Love, M. S. and Moser, M. /DAVISIA REGINAE/ SP. N. (PROTOZOA: MYXOSPORIDA) FROM FOUR CALIFORNIA MARINE FISHES. *J. Parasitol.* 62(6):982-983. Dec. 1976. SFA 22(2)

71-009324 Lowe-Jinde, L. SOME OBSERVATIONS OF RAINBOW TROUT, /SALMO GAIRDNERI/, RICHARSON, INFECTED WITH /CRYPTOBIA SALMOSITICA/. *J. Fish Biol.* 14(3):297-302. Mar. 1979. SFA 24(3)

71-009325 Loyacano, H. A., Jr. and Crane, J. S. CONTROL OF /ICHTHYOPHTHIRIUS/ ON THE AMERICAN EEL. *Prog. Fish-Cult.* 39(1):39-40. Jan. 1977. SFA 22(2)

71-009326 MacLean, S. A. STUDY OF *HAEMATRACTIDIUM SCOMBRI* IN ATLANTIC MACKEREL, *SCOMBER SCOMBRUS*. *Can. J. Fish. Aquatic Sci.* 37(5):812-816. May 1980. In English with French summ. SFA 25(3)

71-009327 Mandal, A. K. /TRYPANOSOMA CHOUDHURYI/ SP. NOV. FROM /TILAPIA MOSSAMBICA/ (PETERS). *Acta Protozool.* 16(1):1-4. 31 Mar. 1977. In English with French summ. SFA 22(4)

71-009328 Markiw, M. E. and Wolf, K. /MYXOSOMA CEREBRALIS/: FLUORESCENT ANTIBODY TECHNIQUES FOR ANTIGEN RECOGNITION. *J. Fish. Res. Board Can.* 35 (6): 828-832. June 1978. In English with French summ. SFA 23(3)

71-009329 McArthur, C. P. FIRST ENDOZOIC RECORD OF A TRICHODINID CILIATE IN FISH. *N.Z. J. Mar. Freshwater Res.* 10(3):537-538. Sept. 1976. SFA 22(1)

71-009330 McVicar, A. H. INFECTION OF PLAICE /PLEURONECTES PLATESSA/ L. WITH /GLUGEA (NOSEMA) STEPHANI/ (HAGENMULLER 1899) (PROTOZOA: MICROSPORIDIA) IN A FISH FARM AND UNDER EXPERIMENTAL CONDITIONS. *J. Fish Biol.* 7(5):611-619. Sept. 1975. SFA 22(2)

71-009331 Meyers, T. R.; Sawyer, T. K. and MacLean, S. A. /HENNEGUYA/ SP. (CNIDOSPORA: MYXOSPORIDA) PARASITIC IN THE HEART OF THE BLUEFISH, /POMATOMUS SALTATRIX/. *J. Parasitol.* 63(5):890-896. Oct. 1977. SFA 23(1)

71-009332 Minchew, C. D. and Sleight, B. H. III. /HENNEGUYA EPISCLERA/ SP. N. (PROTOZOA: MYXOSPORIDA), A NEW MYXOSPORIDAN FROM THE EYE OF THE PUMPKINSEED SUNFISH. *Parasitology* 63(4):667-668. Aug. 1977. SFA 22(4)

71-009333 Minchew, C. D. FIVE NEW SPECIES OF /HENNEGUYA/ (PROTOZOA: MYXOSPORIDA) FROM ICTALURID FISHES. *J. Protozool.* 24(2):213-220. May 1977. SFA 22(4)

71-009334 Mitchell, L. G.; J. K. Listebarger and W. C. Bailey. EPIZOOTIOLOGY AND HISTOPATHOLOGY OF *CHLOROMYXUM TRIJUGUM* (MYXOSPORA: MYXOSPORIDA) IN CENTRARCHID FISHES FROM IOWA. *J. Wildl. Dis.* 16(2):233-236. Apr. 1980. SFA 25(3)

71-009335 Mitchell, L. G. MYXOSPORIDAN INFECTIONS IN SOME FISHES OF IOWA. *J. Protozool.* 25 (1): 100-105. Feb. 1978. SFA 23(3)

71-009336 Molnár, K. and M. Reinhardt. INTESTINAL LESIONS IN GRASSCARP *CTENOPHARYNGODON IDELLA* (VALENCIENNES) INFECTED WITH *BALANTIDIUM CTENOPHARYNGODONIS* CHEN. *J. Fish. Dis.* 1(2):151-156. Apr 1978. SFA 25(2)

71-009337 Molnár, K. RENAL SPHAEROSPOROSIS IN THE COMMON CARP *CYPRINUS CARPIO* L. *J. Fish Dis.* 3(1):11-19. Jan. 1980. SFA 25(2)

71-009338 Moser, M. /CERATOMYXA ANOPLOPOMA/ SP.N. (PROTOZOA, MYXOSPORIDA) FROM THE SABLEFISH, /ANOPLOPAMA FIMBRIA/. *Can. J. Zool.* 54(8):1405-1406. Aug. 1976. In English with French summ. SFA 21(4)

71-009339 Moser, M. and Haldorson, L. /ZSCHOKKELLA EMBIOTOCIDIS/ SP.N. (PROTOZOA, MYXOSPORIDA) FROM CALIFORNIA PILE PERCH, /DAMALICHTHYS VACCA/, AND STRIPED PERCH, /EMBIOTOCA LATERALIS/. *Can. J. Zool.* 54(8):1403-1405. Aug. 1976. In English with French summ. SFA 21(4)

71-009340 Moser, M. and Love, M. S. /HENNEGUYA SEBASTA/ SP. N. (PROTOZOA, MYXOSPORIDA) FROM CALIFORNIA ROCKFISH, /SEBASTES/ SPP. *J. Parasitol.* 61(3):481-483. June 1975. SFA 22(3)

71-009341 Moser, M. and Noble, E. R. THE GENUS /MYXOPROTEUS/ (PROTOZOA: MYXOSPORIDA) IN MACROURID FISHES. *Int. J. Parasitol.* 7(4):253-255. Aug. 1977. SFA 23(1)

71-009342 Moser, M. and Noble, E. R. THE GENUS /LEPTOTHECA/ (PROTOZOA: MYXOSPORIDA) IN MACROURID FISHES AND SABLEFISH, /ANOPLOPOMA FIMBRIA/. *J. Protozool.* 23(4):490-492. Nov. 1976. SFA 22(2)

71-009343 Moser, M. and Noble, E. R. THE GENUS /CERATOMYXA/ (PROTOZOA: MYXOSPORIDA) IN MACROURID FISHES. *Can. J. Zool.* 54(9):1535-1537. Sept. 1976. In English with French summ. SFA 22(1)

71-009344 Moser, M. and Noble, E. R. THREE GENERA OF MYXOSPORIDA (PROTOZOA) IN MACROURID FISHES. *Int. J. Parasitol.* 7(2):93-96. Apr. 1977. SFA 22(4)

71-009345 Moser, M. and Noble, E. R. /ZSCHOKKELLA/ (PROTOZOA: MYXOSPORIDA) IN MACROURID FISHES. *Int. J. Parasitol.* 7(2):97-100. Apr. 1977. SFA 22(4)

71-009346 Moser, M. and Noble, E. R. THE MYXOSPORIDAN GENUS /DAVISIA/ IN TWO DEEP-SEA FISHES. *J. Parasitol.* 61(4):641-694. Aug. 1975. SFA 22(3)

71-009347 Moser, M.; Love, M. S. and Jensen, L. A. MYXOSPORIDA (PROTOZOA) IN CALIFORNIA ROCKFISH, /SEBASTES/ SPP. *J. Parasitol.* 62(5):690-692. Oct. 1976. SFA 22(2)

71-009348 Moser, M.; Noble, E. R. and Lee, R. S. THE GENUS /MYXIDIUM/ (PROTOZOA: MYXOSPORIDA) IN MACROURID FISHES. *J. Parasitol.* 62(5):685-689. Oct. 1976. SFA 22(2)

71-009349 Munday, B. L.; Hartley, W. J.; Harrigan, K. E.; Presidente, P J. A. and Obendorf, D. L. /SARCOCYSTIS/ AND RELATED ORGANISMS IN AUSTRALIAN WILDLIFE: II. SURVEY FINDINGS IN BIRDS, REPTILES, AMPHIBIANS AND FISH. *J. Wildl. Dis.* 15 (1): 57-73. Jan. 1979. SFA 24(2)

71-009350 Nagel, M. L. and Summerfelt, R. C. APPARENT IMMUNITY OF GOLDFISH TO /PLEISTOPHORA OVARIAE/. *Proc. Okla. Acad. Sci.* 57:61-63. 1977. SFA 23(3)

71-009351 Nagel, M. L. and Summerfelt, R. C. NITROFURAZONE FOR CONTROL OF THE MICROSPORIDAN PARASITE /PLEISTOPHORA OVARIAE/ IN GOLDEN SHINERS. *Prog. Fish-Cult.* 39(1):18-23. Jan. 1977. SFA 22(2)

71-009352 Nakajima, K. and Egusa, S. /KUDOA PERICARDIALIS/ N.SP. (MYXOSPORIDEA: CHLOROMYXIDAE) FROM CULTURED YELLOWTAIL, /SERIOLA QUINQUERADIATA/ TEMMINCK ET SCHLEGEL. *Bull. Jpn. Soc. Sci. Fish.* 44 (2): 117-120. Feb. 1978. SFA 23(3)

71-009353 Nepszy, S. J.; Budd, J. and Dechtiar, A. O. MORTALITY OF YOUNG-OF-THE-YEAR RAINBOW SMELT (/OSMERUS MORDAX/) IN LAKE ERIE ASSOCIATED WITH THE OCCURRENCE OF /GLUGEA HERTWIGI/. *J. Wildl. Dis.* 14 (2): 233-239. Apr. 1978. SFA 23(3)

71-009354 Newman, M. W. CUTANEOUS MYXOSPORIDIOSIS/ IN AN AMERICAN EEL, /ANGUILLA ROSTRATE/. *Chesapeake Sci.* 18(2):240-242. June 1977. SFA 22(3)

71-009355 Newman, M. W. PATHOLOGY ASSOCIATED WITH /CRYPTOBIA/ INFECTION IN A SUMMER FLOUNDER (/PARALICHTHYS DENTATUS/). *J. Wildl. Dis.* 14 (3): 299-304. July 1978. SFA 23(4)

71-009356 O'Grodnick, J. J. SUSCEPTIBILITY OF VARIOUS SALMONIDS TO WHIRLING DISEASE (/MYXOSOMA CEREBRALIS/). *Trans. Am. Fish. Soc.* 108 (2): 187-190. Mar. 1979. SFA 24(4)

71-009357 O'Grodnick, J. SUSCEPTIBILITY STUDIES OF VARIOUS SALMONIDS TO WHIRLING DISEASE: HISTOLOGICAL STAINING AND SPORE CONCENTRATION PROCEDURES. *Mar. Fish. Rev.* 40 (10): 30-31. Oct. 1978. SFA 24(2)

71-009358 Olson, R. E. LABORATORY AND FIELD STUDIES ON /GLUGEA STEPHANI/ (HAGENMULLER), A MICROSPORIDAN PARASITE OF PLEURONECTID FLATFISHES. *J. Protozool.* 23(1):158-164. Feb. 1976. SFA 22(2)

71-009359 Rau, M. E. and D. M. Gordon. THE FREQUENCY DISTRIBUTION OF TETRACOTYLES OF *APATEMON GRACILIS PELLUCIDUS* (YAMAGUTI, 1933) IN STICKLEBACK *CULAEA INCONSTANS* (KIRTLAND) POPULATIONS OF HOMOGENEOUS AGE AND SIZE STRUCTURE. *J. Fish Dis.* 1(3):259-263. July 1978. SFA 25(2)

71-009360 Robertson, D. A. HOST-PARASITE INTERACTIONS BETWEEN *ICHTYOBODO NECATOR* (HENNEGUY, 1883) AND FARMED SALMONIDS. *J. Fish Dis.* 2(6):481-491. Nov. 1979. SFA 25(2)

71-009361 Sanaullah, M. and A. T. A. Ahmed. GILL MYXOBOLIASIS OF MAJOR CARPS IN BANGLADESH. *J. Fish Dis.* 3(4):349-354. July 1980. SFA 25(4)

71-009362 Sankurathri, C. S. /CONISPORA RENALIS/ GEN. NOV. ET SP. NOV. (MYXOSPORIDA: WARDIIDAE) FROM THE KIDNEY TUBULES OF PACIFIC HAKE, /MERLUCCIUS PRODUCTUS/ (AYRES 1855), IN COASTAL WATERS OF BRITISH COLUMBIA. *Can. J. Zool.* 55(7):1147-1150. July 1977. In English with French summ. SFA 22(4)

71-009363 Schlueter, R. A. OCCURRENCE OF THE PROTOZOAN PARASITE, /HENNEGUYA EXILIS/ KUDO, ON CHANNEL CATFISH IN INDIANA. *Proc. Indiana Acad. Sci.* 86:171. 1976(1977). Abstract only. SFA 23(4).

71-009364 Seagrave, C. P.; D. Bucke and D. J. Alderman. ULTRASTRUCTURE OF A HAPLOSPOREAN-LIKE ORGANISM: THE POSSIBLE CAUSATIVE AGENT OF PROLIFERATIVE KIDNEY DISEASE IN RAINBOW TROUT. *J. Fish Biol.* 16(4):453-459. Apr. 1980. SFA 25(3)

71-009365 Siau, Y. OBSERVATION IMMUNOLOGIQUE SUR DES POISSONS DU GENRE *MUGIL* PARASITES PAR LA MYXOSPORIDIE *MYXOBOLUS EXIGUUS* THÉLOHAN, 1895. [IMMUNOLOGIC OBSERVATIONS IN FISHES OF THE GENUS *MUGIL* PARASITIZED BY THE MYXOSPORIDAN *MYXOBOLUS EXIGUUS* THÉLOHAN, 1895.] *Z. Parasitenkd.* 62(1):1-6. 1980. In French with English summ. SFA 25(3)

71-009366 Siau, Y. OBSERVATION IMMUNOLOGIQUE SUR DES POISSONS DU GENRE *MUGIL* PARASITES PAR LA MYXOSPORIDIE *MYXOBOLUS EIGUUS* THÉLOHAN, 1895. [IMMUNOLOGIC OBSERVATIONS IN FISHES OF THE GENUS *MUGIL* PARASITIZED BY THE MYXOSPORIDAN *MYXOBOLUS EXIGUUS* THÉLOHAN, 1895.] *Z. Parasitenkd.* 62(1):1-6. 1980. In French with English summ. SFA 25(3)

71-009367 Smith, C. E. and T. Inslee. INTERLAMELLAR *HENNEGUYA* INFESTATION IN ADULT CHANNEL CATFISH *ICTALURUS PUNCTATUS* (RAFINESQUE). *J. Fish. Dis.* 3(3):257-260. May 1980. SFA 25(3)

71-009368 Solangi, M. A. and R. M. Overstreet. BIOLOGY AND PATHOGENESIS OF THE COCCIDIUM *EIMERIA FUNDULI* INFECTING KILLIFISHES. *J. Parasitol.* 66(3):513-526. June 1980. SFA 25(4)

71-009369 Stein, A. A. [PARASITIC CILIATES (PERITRICHA, URCEOLARIIDAE) OF FISHES OF THE WHITE SEA.] *Acta Protozool.* 15(4):447-470. 31 Dec. 1976. In Russian with English summ. SFA 22(3)

71-009370 Tandon, R. S. and Chandra, S. STUDIES ON ECOPHYSIOLOGY OF FISH PARASITES: EFFECT OF TRYPANOSOME INFECTION ON THE SERUM CHOLESTEROL LEVELS OF FISHES. *Z. Parasitenkd.* 52(3):199-202. 1977. SFA 23(1)

71-009371 Tandon, R. S. and Chandra, S. PHYSIOLOGY OF HOST PARASITE RELATIONSHIP: EFFECTS ON SERUM ALKALINE PHOSPHATASE LEVELS OF FISH HOSTS PARASITIZED BY TRYPANOSOMES. *Z. Parasitenkd.* 52(3):195-198. 1977. SFA 23(1)

71-009372 Taylor, P. W. ISOLATION AND EXPERIMENTAL INFECTION OF FREE-LIVING AMEBAE IN FRESHWATER FISHES. *J. Parasitol.* 63(2):232-237. Apr. 1977. SFA 22(3)

71-009373 Taylor, R. L. and Lott, M. TRANSMISSION OF SALMONID WHIRLING DISEASE BY BIRDS FED TROUT INFECTED WITH /MYXOSOMA CEREBRALIS/. *J. Protozool.* 25 (1): 105-106. Feb. 1978. SFA 23(3)

71-009374 Wehnert, S. D. and P. T. K. Woo. *IN VIVO* AND *IN VITRO* STUDIES ON THE HOST SPECIFICITY OF *TRYPANOPLASMA SALMOSITICA*. *J. Wildl. Dis.* 16(2):183-187. Apr. 1980. SFA 25(3)

71-009375 Wold, D. and Iversen, E. S. /MYXOBOLUS LATIPINNACOLA/ NEW SPECIES (MYXOSPORIDA) FROM THE SAILFIN MOLLY, /POECILIA LATIPINNA/ (LESUEUR) IN SOUTH FLORIDA. *Bull. Mar. Sci.* 28(2):376-380. Apr. 1978. SFA 23(3)

71-009376 Wolf, K. /MYXOSOMA CEREBRALIS/: DETECTION AND CONTROL. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 177-181. Apr. 1977. SFA 23(1)

71-009377 Wolf, K. and Markiw, M. E. /MYXOSOMA CEREBRALIS/: A METHOD FOR STAINING SPORES AND OTHER STAGES WITH SILVER NITRATE. *J. Fish. Res. Board Can.* 36 (1): 88-89. Jan. 1979. In English with French summ. SFA 24(2)

71-009378 Wolf, K. and Markiw, M. E. /MYXOSOMA CEREBRALIS/: /IN VITRO/ SPORULATION OF THE MYXOSPORIDAN OF SALMONID WHIRLING DISEASE. *J. Protozool.* 23(3):425-427. Aug. 1976. SFA 22(2)

71-009379 Woo, P. T. K. /TRYPANOPLASMA SALMOSITICA/: EXPERIMENTAL INFECTIONS IN RAINBOW TROUT, /SALMO GAIRDNERI/. *Exp. Parasitol.* 47(1):36-48. Feb. 1979. SFA 24(3)

71-009380 Woo, P. T. K. THE DIVISION PROCESS OF /CRYPTOBIA SALMOSITICA/ IN EXPERIMENTALLY INFECTED RAINBOW TROUT (/SALMO GAIRDNERI/). *Can. J. Zool.* 56(7):1514-1518. July 1978. In English with French summ. SFA 23(4)

71-009381 Wyatt, E. J. STUDIES ON THE EPIZOOTIOLOGY OF *MYXOBOLUS INSIDIOSUS* WYATT AND PRATT, 1963 (PROTOZOA: MYXOSPORIDA). *J. Fish Dis.* 1(3):233-240. July 1978. SFA 25(2)

71-009382 Yamamoto, T. and J. E. Sanders. LIGHT AND ELECTRON MICROSCOPIC OBSERVATIONS OF SPOROGENESIS IN THE MYXOSPORIDA, *CERATOMYXA SHASTA* (NOBLE, 1950). *J. Fish Dis.* 2(5):411-428. Sept. 1979. SFA 25(2)

71-009383 Zinn, J. L.; Johnson, K. A.; Sanders, J. E. and Fryer, J. L. SUSCEPTIBILITY OF SALMONID SPECIES AND HATCHERY STRAINS OF CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) TO INFECTIONS BY /CERATOMYXA SHASTA/. *J. Fish. Res. Board Can.* 34(7):933-936. July 1977. In English with French summ. SFA 22(4)

VIRAL DISEASES

71-009384 Agrawal, N. K. and C. L. Mahajan. NUTRITIONAL DEFICIENCY DISEASE IN AN INDIAN MAJOR CARP, *CIRRHINA MRIGALA* HAMILTON, DUE TO AVITAMINOSIS C DURING EARLY GROWTH. *J. Fish. Dis.* 3(3):231-248. May 1980. SFA 25(3)

71-009385 Ahne, W. and Wolf, K. SPRING VIREMIA OF CARP. *U.S. Fish Wildl. Serv. Fish Dis. Leafl.* 51. 11p. 1977. SFA 23(1)

71-009386 Ahne, W. UPTAKE AND MULTIPLICATION OF SPRING VIRAEMIA OF CARP VIRUS IN CARP, *CYPRINUS CARPIO* L. *J. Fish Dis.* 1(3):265-268. July 1978. SFA 25(2)

71-009387 Alpers, C. E.; McCain, B. B.; Myers, M. S. and Wellings, S. R. LYMPHOCYSTIS DISEASE IN YELLOWFIN SOLE (/LIMANDA ASPERA/) IN THE BERING SEA. *J. Fish. Res. Board Can.* 34(5):611-616. May 1977. In English with French summ. SFA 22(3)

71-009388 Amend, D. F. and Nelson, J. R. VARIATION IN THE SUSCEPTIBILITY OF SOCKEYE SALMON /ONCORHYNCHUS NERKA/ TO INFECTIOUS HAEMOPOIETIC NECROSIS VIRUS. *J. Fish Biol.* 11(6):567-573. Dec. 1977. SFA 23(2)

71-009389 Amend, D. F. DETECTION AND TRANSMISSION OF INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS IN RAINBOW TROUT. *J. Wildl. Dis.* 11(4):471-478. Oct. 1975. SFA 22(1)

71-009390 Amend, D. F. PREVENTION AND CONTROL OF VIRAL DISEASES OF SALMONIDS. *J. Fish. Res. Board Can.* 33(4,2):1059-1066. Apr. 1976. In English with French summ. SFA 21(2).

71-009391 Amin, O. M. LYMPHOCYSTIS DISEASE IN WISCONSIN FISHES. *J. Fish Dis.* 2(3):207-217. May 1979. SFA 25(2)

71-009392 Amlacher, E.; J. Ude; C. Rudolph and G. Ernst. DIRECT ELECTRON MICROSCOPICAL VISUALIZATION OF THE PRESUMPTIVE VIRUS OF VIRAL HAEMORRHAGIC SEPTICAEMIA (VHS) IN THE RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON AND ADDITIONAL HISTOPATHOLOGICAL AND HAEMATOLOGICAL OBSERVATIONS. *J. Fish Dis.* 3(1):55-62. Jan. 1980. SFA 25(2)

71-009393 Aneer, G. and Ljungberg, O. LYMPHOCYSTIS DISEASE IN BALTIC HERRING (/CLUPEA HARENGUS/ VAR. /MEMBRAS/ L.). *J. Fish Biol.* 8(5):345-350. May 1975. SFA 22(1)

71-009394 Appy, R. G.; Burt, M. D. B. and Morris, T. J. VIRAL NATURE OF PISCINE ERYTHROCYTIC NECROSIS (PEN) IN THE BLOOD OF ATLANTIC COD (/GADUS MORHUA/). *J. Fish. Res. Board Can.* 33(6):1380-1385. June 1976. In English with French summ. SFA 21(2).

71-009395 Banowetz, G. M.; Fryer, J. L.; Iwai, P. J. and Martignoni, M. E. EFFECTS OF THE DOUGLAS-FIR TUSSOCK MOTH NUCLEOPOLYHEDROSIS VIRUS (/BACULOVIRUS/) ON THREE SPECIES OF SALMONID FISH. *U.S. Dep. Agric. For. Serv. Res. Pap.* PNW-214. 6p. 1976. SFA 22(3)

71-009396 Baudouy, A.-M. RELATION HOTE-VIRUS AU COURS DE LA VIREMIE PRINTANIER DE LA CARPE. [HOST-VIRUS RELATIONSHIP DURING EXPERIMENTAL SPRING VIREMIA OF CARP.] *C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 286 (16): 1225-1228. 24 Apr. 1978. In French with English summ. SFA 23(4)

71-009397 Beckwith, D. G. and Malsberger, R. G. CHARACTERIZATION AND MORPHOLOGY OF THE BLUEGILL VIRUS. *J. Gen. Virol.* 43 (3): 489-501. June 1979. SFA 24(4)

71-009398 Blackstone, S. C. A VIRUS CONCENTRATION SYSTEM FOR THE ISOLATION OF INFECTIOUS PANCREATIC NECROSIS VIRUS FROM FISH HATCHERY WATER. *Ph.D. dissertation, Univ. N.H.* 91p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(2):558. Aug. 1978. SFA 24(3)

71-009399 Bowser, P. R. and J. A. Plumb. GROWTH RATES OF A NEW CELL LINE FROM CHANNEL CATFISH OVARY AND CHANNEL CATFISH VIRUS REPLICATION AT DIFFERENT TEMPERATURES. *Can. J. Fish. Aquatic Sci.* 37(5):871-873. May 1980. In English with French summ. SFA 25(3)

71-009400 Bowser, P. R. and J. A. Plumb. CHANNEL CATFISH VIRUS: COMPARATIVE REPLICATION AND SENSITIVITY OF CELL LINES FROM CHANNEL CATFISH OVARY AND THE BROWN BULLHEAD. *J. Wildl. Dis.* 16(3):451-454. July 1980. SFA 25(4)

71-009401 Bowser, P. R. DEVELOPMENT AND EVALUATION OF A NEW CELL LINE FROM THE CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Ph.D. dissertation, Auburn Univ.* 56p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(9):4120. Mar. 1979. SFA 24(3)

71-009402 Buchanan, J. S. and C. R. Madeley. STUDIES ON *HERPESVIRUS SCOPHTHALMI* INFECTION OF TURBOT *SCOPHTHALMUS MAXIMUS* (L.) ULTRASTRUCTURAL OBSERVATIONS. *J. Fish Dis.* 1(4):283-295. Oct. 1978. SFA 25(2)

71-009403 Bucke, D.; J. Finlay; D. McGregor and C. Seagrave. INFECTIOUS PANCREATIC NECROSIS (IPN) VIRUS: ITS OCCURRENCE IN CAPTIVE AND WILD FISH IN ENGLAND AND WALES. *J. Fish Dis.* 2(6):549-553. Nov. 1979. SFA 25(2)

71-009404 Bullock, G. L.; Rucker, R. R.; Amend, D.; Wolf, K. and Stuckey, H. M. INFECTIOUS PANCREATIC NECROSIS: TRANSMISSION WITH IODINE-TREATED AND NONTREATED EGGS OF BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 33(5):1197-1198. May 1976. In English with French summ. SFA 21(2).

71-009405 Buynak, G. L. and Gurzynski, A. J. LYMPHOCYSTIS DISEASE IN WALLEYE (/STIZOSTEDION VITREUM/) CAPTURED IN THE SUSQUEHANNA RIVER. *Proc. Pa. Acad. Sci.* 52(1):49-50. 1978. SFA 24(2)

71-009406 Carlisle, J. C.; K. A. Schat and R. Elston. INFECTIOUS HAEMATOPOIETIC NECROSIS IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON IN A SEMI-CLOSED SYSTEM. *J. Fish Dis.* 2(6):511-517. Nov. 1979. SFA 25(2)

71-009407 Castric, J. and P. De Kinkelin. OCCURRENCE OF VIRAL HAEMORRHAGIC SEPTICAEMIA IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON REARED IN SEA-WATER. *J. Fish Dis.* 3(1):21-27. Jan. 1980. SFA 25(2)

71-009408 Cleator, G. M. and L. A. Burney. THE HAEMAGGLUTINATING PROPERTIES OF INFECTIOUS PANCREATIC NECROSIS VIRUS. *Arch. Virol.* 63(2):81-85. 1980. SFA 25(2)

71-009409 de Kinkelin, P. and Le Berre, M. [ISOLATION OF A PATHOGENIC RHABDOVIRUS OF BROWN TROUT (/SALMO TRUTTA/).] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284(1):101-104. Jan. 1977. In French with English summ. SFA 22(3)

71-009410 de Kinkelin, P.; Baudouy, A.-M. and Le Berre, M. REACTION DE LA TRUITE FARIO (/SAMO TRUTTA/, L. 1766) ET ARC-EN-CIEL (/SALMO GAIRDNERI/ RICHARDSON, 1836) A L'INFECTION PAR UN NOUVEAU RHABDOVIRUS. [RESPONSE OF BROWN TROUT AND RAINBOW TROUT TO INFECTION BY A NEW RHABDOVIRUS.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 284(5):401-404. 31 Jan. 1977. In French with English summ. SFA 22(3)

71-009411 Dorson, M. and C. Torchy. COMPLEMENT DEPENDENT NEUTRALIZATION OF EGTVED VIRUS BY TROUT ANTIBODIES. *J. Fish Dis.* 2(4):345-347. July 1979. SFA 25(2)

71-009412 Dorson, M. and de Kinkelin, P. OVERVIEW OF VIRAL DISEASES OF SALMONID. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 91-115. Apr. 1977. SFA 23(1)

71-009413 Dorson, M.; J. Castric and C. Torchy. INFECTIOUS PANCREATIC NECROSIS VIRUS OF SALMONIDS: BIOLOGICAL AND ANTIGENIC FEATURES OF A PATHOGENIC STRAIN AND OF A NON-PATHOGENIC VARIANT SELECTED IN RTG-2 CELLS. *J. Fish. Dis.* 1(4):309-320. Oct. 1978. SFA 25(2)

71-009414 Duncan, I. B. EVIDENCE FOR AN ONCOVIRUS IN SWIMBLADDER FIBROSARCOMA OF ATLANTIC SALMON /SALMO SALAR/ L. *J. Fish Dis.* 1 (1): 127-131. Jan. 1978. SFA 23(3)

71-009415 Elazhary, M. A. S. Y.; Lagace, A.; Cousineau, G.; Roy, R. S.; Berthiaume, L.; Paulhus, P. and Frechette, J.-L. OUTBREAK OF INFECTIOUS PANCREATIC NECROSIS IN YEARLING BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 33(11):2621-2625. Nov. 1976. In English with French summ. SFA 21(4).

71-009416 Elliott, D. G. and Amend, D. F. EFFICACY OF CERTAIN DISINFECTANTS AGAINST INFECTIOUS PANCREATIC NECROSIS VIRUS. *J. Fish Biol.* 12(4):277-286. Apr. 1978. SFA 23(3)

71-009417 Evelyn, T. P. T. and Traxler, G. S. VIRAL ERYTHROCYTIC NECROSIS: NATURAL OCCURRENCE IN PACIFIC SALMON AND EXPERIMENTAL TRANSMISSION. *J. Fish. Res. Board Can.* 35 (6): 903-907. June 1978. In English with French summ. SFA 23(3)

71-009418 Fijan, N. N. and G. Giorgetti. INFECTIOUS PANCREATIC NECROSIS: ISOLATION OF VIRUS FROM EYED EGGS OF RAINBOW TROUT *SALMO GAIRDNERI* RICHARSON. *J. Fish Dis.* 1(3):269-270. July 1978. SFA 25(2)

71-009419 Ghittino, P. and Beccaria, E. ACTUAL ECOLOGICAL PROBLEMS IN THE VIRAL HAEMORRAGIC SEPTICAEMIA OF RAINBOW TROUT IN ITALY. *Bull. Off. Int. Epiz.* 87(5-6):397-399. 1977. SFA 23(3)

71-009420 Grinnell, B. and Leong, J. C. RECOVERY AND CONCENTRATION OF INFECTIOUS PANCREATIC NECROSIS (IPN) VIRUS IN WATER. *J. Fish. Res. Board Can.* 36(11):1405-1408. Nov. 1979. In English with French summ. SFA 25(1)

71-009421 Grischkowsky, R. S. and Amend, D. F. INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS: PREVALENCE IN CERTAIN ALASKAN SOCKEYE SALMON, /ONCORHYNCHUS NERKA/. *J. Fish. Res. Board Can.* 33(1):186-188. Jan. 1976. In English with French summ. SFA 21(1).

71-009422 Hedrick, R. P.; J. C. Leong and J. L. Fryer. PERSISTENT INFECTIONS IN SALMONID FISH CELLS WITH INFECTIOUS PANCREATIC NECROSIS VIRUS (IPNV). *J. Fish Dis.* 1(4):297-308. Oct. 1978. SFA 25(2)

71-009423 Hetrick, F. M.; J. L. Fryer and M. D. Knittel. EFFECT OF WATER TEMPERATURE ON THE INFECTION OF RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON WITH INFECTIOUS HAEMATOPOIETIC NECROSIS VIRUS. *J. Fish. Dis.* 2(3):253-257. May 1979. SFA 25(2)

71-009424 Hetrick, F. M.; Knittel, M. D. and Fryer, J. L. INCREASED SUSCEPTIBILITY OF RAINBOW TROUT TO INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS AFTER EXPOSURE TO COPPER. *Appl. Environ. Microbiol.* 37 (2): 198-201. Feb. 1979. SFA 24(2)

71-009425 Hill, B. J. PRESENT STATUS OF IPN VIRUS. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 116-119. Apr. 1977. SFA 23(1)

71-009426 Kelly, R. K.; H. R. Miller; O. Nielsen and J. W. Clayton. FISH CELL CULTURE: CHARACTERISTICS OF A CONTINUOUS FIBROBLASTIC CELL LINE FROM WALLEYE (*STIZOSTEDION VITREUM VITREUM*). *Can. J. Fish. Aquatic Sci.* 37(7):1070-1075. July 1980. SFA 25(4)

71-009427 Kelly, R. K.; Souter, B. W. and Miller, H. R. FISH CELL LINES: COMPARISONS OF CHSE-214, FHM, AND RTG-2 IN ASSAYING IHN AND IPN VIRUSES. *J. Fish. Res. Board Can.* 35(7):1009-1011. July 1978. In English with French summ. SFA 23(4)

71-009428 Koment, R. W. and Haines, H. DECREASED ANTIVIRAL EFFECT OF PHOSPHONOACETIC ACID ON THE POIKILOTHERMIC HERPESVIRUS OF CHANNEL CATFISH DISEASE. *Proc. Sov. Exp. Biol. Med.* 159 (1): 21-24. Oct. 1978. SFA 24(1)

71-009429 Koment, R. W. PHOSPHONOACETIC ACID INHIBITION OF CHANNEL CATFISH VIRUS REPLICATION. *Mar. Fish. Rev.* 40 (10): 24-25. Oct. 1978. SFA 24(2)

71-009430 Lawler, A. R.; Ogle, J. T. and Donnes, C. /DASCYLLUS/ SPP.: NEW HOSTS FOR LYMPHOCYSTIS, AND A LIST OF RECENT HOSTS. *J. Wildl. Dis.* 13(3):307-312. July 1977. SFA 22(4)

71-009431 Leino, R. L. INTRANUCLEAR CRYSTALS IN EPITHELIAL CELLS OF /PERCA FLAVESCENS/. *Annu. Proc. Electron Microsc. Soc. Am.* 35:404-405. 1977. SFA 22(4)

71-009432 Macdonald, R. D. and Yamamoto, T. THE STRUCTURE OF INFECTIOUS PANCREATIC NECROSIS VIRUS RNA. *J. Gen. Virol.* 34(2):235-247. Feb. 1977. SFA 22(3)

71-009433 MacMillan, J. R. and Mulcahy, D. ARTIFICIAL TRANSMISSION TO AND SUSCEPTIBILITY OF PUGET SOUND FISH TO VIRAL ERYTHROCYTIC NECROSIS (VEN). *J. Fish. Res. Board Can.* 36(9):1097-1101. Sept. 1979. In English with French summ. SFA 25(1)

71-009434 MacMillan, J. R. and D. Mulcahy. VIRAL ERYTHROCYTIC NECROSIS: SOME PHYSIOLOGICAL CONSEQUENCES OF INFECTION IN CHUM SALMON (*ONCORHYNCHUS KETA*). *Can. J. Fish. Aquatic Sci.* 37(5):799-804. May 1980. In English with French summ. SFA 25(3)

71-009435 McAllister, P. E. VIRUSES AND VIRUS DISEASES OF SALMONID FISHES. *Mar. Fish. Rev.* 40 (10): 21-23. Oct. 1978. SFA 24(2)

71-009436 McConnell, S. and Austen, J. D. SEROLOGICAL SCREENING OF CHANNEL CATFISH VIRUS. *Mar. Fish. Rev.* 40 (3): 30-32. Mar. 1978. SFA 23(4)

71-009437 McCosker, J. E.; Lagios, M. D. and Tucker, T. ULTRASTRUCTURE OF LYMPHOCYSTIS VIRUS IN THE QUILLBACK ROCKFISH, /SEBASTES MALIGER/, WITH RECORDS OF INFECTION IN OTHER AQUARIUM-HELD FISHES. *Trans. Am. Fish. Soc.* 105(2):333-337. Mar. 1976. SFA 21(2).

71-009438 McIntyre, J. D. and Amend, D. F. HERITABILITY OF TOLERANCE FOR INFECTIOUS HEMATOPOIETIC NECROSIS IN SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *Trans. Am. Fish. Soc.* 107 (2): 305-308. Mar. 1978. SFA 23(3)

71-009439 Meyers, T. R. EXPERIMENTAL PATHOGENICITY OF REOVIRUS $13P_2$ FOR JUVENILE AMERICAN OYSTERS *CRASSOSTREA VIRGINICA* (GMELIN) AND BLUEGILL FINGERLINGS *LEPOMIS MACROCHIRUS* (RAFINESQUE). *J. Fish. Dis.* 3(3):187-201. May 1980. SFA 25(3)

71-009440 Murchelano, R. A. and Bridges, D. W. LYMPHOCYSTIS DISEASE IN THE WINTER FLOUNDER, /PSEUDOPLEURONECTES AMERICANUS/. *J. Wildl. Dis.* 12(1):101-103. Jan. 1976. SFA 22(1)

71-009441 Nicholson, B. L.; G. W. Thorne, C. Janicki and A. Hanson. STUDIES ON A HOST RANGE VARIANT FROM DIFFERENT ISOLATES OF INFECTIOUS PANCREATIC NECROSIS VIRUS (IPNV). *J. Fish Dis.* 2(5):367-379. Sept. 1979. SFA 25(2)

71-009442 Ord, W. M.; Le Berre, M. and de Kinkelin, P. VIRAL HEMORRHAGIC SEPTICEMIA: COMPARATIVE SUSCEPTIBILITY OF RAINBOW TROUT (/SALMO GAIRDNERI/) AND HYBRIDS (/S. GAIRDNERI/ X /ONCORHYNCHUS KISUTCH/) TO EXPERIMENTAL INFECTION. *J. Fish. Res. Board Can.* 33(5):1205-1208. May 1976. In English with French summ. SFA 21(2).

71-009443 Paperna, I.; J. G. Harrison and G. W. Kissil. PATHOLOGY AND HISTOPATHOLOGY OF A SYSTEMIC GRANULOMA IN *SPARUS AURATA* (L.) CULTURED IN THE GULF OF AQABA. *J. Fish. Dis.* 3(3):213-221. May 1980. SFA 25(3)

71-009444 Pietsch, J. P.; Amend, D. F. and Miller, C. M. SURVIVAL OF INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS HELD UNDER VARIOUS ENVIRONMENTAL CONDITIONS. *J. Fish. Res. Board Can.* 34(9):1360-1364. Sept. 1977. In English with French summ. SFA 22(4)

71-009445 Plumb, J. A. and J. Chappell. SUSCEPTIBILITY OF BLUE CATFISH TO CHANNEL CATFISH VIRUS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:680-685. 1978[1979]. SFA 25(2)

71-009446 Plumb, J. A. and Bowser, P. R. RECENT DEVELOPMENTS IN CHANNEL CATFISH VIRUS RESEARCH. *Mar. Fish. Rev.* 40 (10): 12-13. Oct. 1978. SFA 24(2)

71-009447 Plumb, J. A. EPIZOOTIOLOGY OF CHANNEL CATFISH VIRUS DISEASE. *Mar. Fish. Rev.* 40 (3): 26-29. Mar. 1978. SFA 23(4)

71-009448 Plumb, J. A.; Bowser, P. R.; Mitchell, A. J. and Grizzle, J. M. FISH VIRUSES: A DOUBLE-STRANDED RNA ICOSAHEDRAL VIRUS FROM A NORTH AMERICAN CYPRINID. *J. Fish. Res. Board Can.* 36(11):1390-1394. Nov. 1979. In English with French summ. SFA 25(1)

71-009449 Reno, P. W. QUALITATIVE AND QUANTITATIVE ASPECTS OF THE INFECTIOUS PANCREATIC NECROSIS VIRUS (IPNV) CARRIER STATE IN TROUT. *Ph.D. dissertation, Univ. Guelph (Canada)* 1976. From Diss. Abstr. Int. B Sci. Eng. 38(7):3055. Jan. 1978. SFA 23(3)

71-009450 Reno, P. W.; Darley, S. and Savan, M. INFECTIOUS PANCREATIC NECROSIS: EXPERIMENTAL INDUCTION OF A CARRIER STATE IN TROUT. *J. Fish. Res. Board Can.* 35 (11): 1451-1456. Nov. 1978. In English with French summ. SFA 24(1)

71-009451 Reno, P. W.; Philippon-Fried, M.; Nicholson, B. L. and Sherburne, S. W. ULTRASTRUCTURAL STUDIES OF PISCINE ERYTHROCYTIC NECROSIS (PEN) IN ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/). *J. Fish. Res. Board Can.* 35(1):148-154. Jan. 1978. In English with French summ. SFA 23(2)

71-009452 Reno, P.; Philippon-Fried, M.; Nicholson, B. L. and Sherburne, S. PISCINE ERYTHROCYTIC NECROSIS (PEN): A VIRAL INFECTION OF THE ATLANTIC COD AND OTHER MARINE FISHES. *Mar. Fish. Rev.* 40 (10): 16-18. Oct. 1978. SFA 24(2)

71-009453 Richards, R. H. and J. S. Buchanan. STUDIES ON *HERPESVIRUS SCOPHTHALMI* INFECTION OF TURBOT *SCOPHTHALMUS MAXIMUS* (L.): HISTOPATHOLOGICAL OBSERVATIONS. *J. Fish Dis.* 1(3):251-258. July 1978. SFA 25(2)

71-009454 Sano, T. VIRAL DISEASES OF CULTURED SALMONIDS IN JAPAN. *Proc. Int. Symp. Diseases Cultured Salmonids* p. 120-123. Apr. 1977. SFA 23(1)

71-009455 Sano, T.; Nishimura, T.; Okamoto, N. and Fukuda, H. STUDIES ON VIRAL DISEASES OF JAPANESE FISHES--VII. A RHABDOVIRUS ISOLATED FROM EUROPEAN EEL, /ANGUILLA ANGUILLA/. *Bull. Jpn. Soc. Sci. Fish.* 43(5):491-495. May 1977. SFA 22(4)

71-009456 Savan, M.; Budd, J.; Reno, P. W. and Darley, S. A STUDY OF TWO SPECIES OF FISH INOCULATED WITH SPRUCE BUDWORM NUCLEAR POLYHEDROSIS VIRUS. *J. Wildl. Dis.* 15(2):331-334. Apr. 1979. SFA 24(3)

71-009457 Schwedler, T. E. CHARACTERISTICS OF A NEW VIRUS FROM GOLDEN SHINERS, *NOTEMIGONUS CRYSOLEUCAS*. *Ph.D. dissertation, Auburn Univ.* 70p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(1):8. July 1980. SFA 25(4)

71-009458 Seeley, R. J.; Perlmutter, A. and Seeley, V. A. INHERITANCE AND LONGEVITY OF INFECTIOUS PANCREATIC NECROSIS VIRUS IN THE ZEBRA FISH, /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN). *Appl. Environ. Microbiol.* 34(1):50-55. July 1977. SFA 23(1)

71-009459 Sherburne, S. W. OCCURRENCE OF PISCINE ERTHROCYTIC NECROSIS (PEN) IN THE BLOOD OF THE ANADROMOUS ALEWIFE, /ALOSA PSEUDOHARENGUS/, FROM MAINE COASTAL STREAMS. *J. Fish. Res. Board Can.* 34(2):281-286. Feb. 1977. In English with French summ. SFA 22(3)

71-009460 Sinclair, T. F. SOME ASPECTS OF THE ASSOCIATION OF HUMAN ENTEROVIRUSES WITH FRESH WATER FISH. *Ph.D. dissertation, Univ. Health Sci. Chicago Med. Sch.* 159p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1575. Oct. 1977. SFA 23(3)

71-009461 Smail, D. A. and S. I. Egglestone. VIRUS INFECTIONS OF MARINE FISH ERYTHROCYTES: ELECTRON MICROSCOPICAL STUDIES ON THE BLENNY VIRUS. *J. Fish Dis.* 3(1):47-54. Jan. 1980. SFA 25(2)

71-009462 Smail, D. A. and S. I. Egglestone. VIRUS INFECTIONS OF MARINE FISH ERYTHROCYTES: PREVALENCE OF PISCINE ERYTHROCYTIC NECROSIS IN COD *GADUS MORHUA* L. AND BLENNY *BLENNIUS PHOLIS* L. IN COASTAL AND OFFSHORE WATERS OF THE UNITED KINGDOM. *J. Fish Dis.* 3(1):41-46. Jan. 1980. SFA 25(2)

71-009463 Swanson, R. N. and Gillespie, J. H. PATHOGENESIS OF INFECTIOUS PANCREATIC NECROSIS IN ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 36 (5): 587-591. May 1979. In English with French summ. SFA 24(3)

71-009464 Vaughan, G. E. COMPARATIVE VULNERABILITY OF BLUEGILLS WITH AND WITHOUT LYMPHOCYSTIS DISEASE TO PREDATION BY LARGEMOUTH BASS. *Prog. Fish-Cult.* 41(3):163-164. July 1979. SFA 25(1)

71-009465 Walker, R. and Sherburne, S. W. PISCINE ERYTHROCYTIC NECROSIS VIRUS IN ATLANTIC COD, /GADUS MORHUA/, AND OTHER FISH: ULTRASTRUCTURE AND DISTRIBUTION. *J. Fish. Res. Board Can.* 34(8):1188-1195. Aug. 1977. In English with French Summ. SFA 22(4)

71-009466 Watanabe, T.; K. Tanaka; O. Tamura; Y. Nakagawa and K. Takahashi. FINE STRUCTURE OF THE NORMAL AND VIRUS-INFECTED CELLS DERIVED FROM THE KIDNEY OF YAMAE, *ONCORHYNCHUS MASOU*. *Bull. Jpn. Soc. Sci. Fish.* 46(4):401-406. Apr. 1980. SFA 25(4)

71-009467 Wedemeyer, G. A.; Nelson, N. C. and Smith, C. A. SURVIVAL OF THE SALMONID VIRUSES INFECTIOUS HEMATOPOIETIC NECROSIS (IHNV) AND INFECTIOUS PANCREATIC NECROSIS (IPNV) IN OZONATED, CHLORINATED AND UNTREATED WATERS. *J. Fish. Res. Board Can.* 35 (6): 875-879. June 1978. In English with French summ. SFA 23(3)

71-009468 Williams, I. V. and Amend, D. F. A NATURAL EPIZOOTIC OF INFECTIOUS HEMATOPOIETIC NECROSIS IN FRY OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) AT CHILKO LAKE, BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 33(7):1564-1567. July 1976. In English with French summ. SFA 21(3).

71-009469 Wolf, K. E.; M. C. Quimby; C. P. Carlson and W. J. Owens. LYMPHOCYSTIS VIRUS: INFECTIVITY OF LESION PREPARATIONS STORED AFTER LYOPHILIZATION OR SIMPLE DESICCATION. *J. Fish Dis.* 2(3):259-260. May 1979. SFA 25(2)

71-009470 Yamamoto, T. and Kilistoff, J. INFECTIOUS PANCREATIC NECROSIS VIRUS: QUANTIFICATION OF CARRIERS IN LAKE POPULATIONS DURING A 6-YEAR PERIOD. *J. Fish. Res. Board Can.* 36 (5): 562-567. May 1979. In English with French summ. SFA 24(3)

71-009471 Yamamoto, T.; Macdonald, R. D.; Gillespie, D. C. and Kelly, R. K. VIRUSES ASSOCIATED WITH LYMPHOCYSTIS DISEASE AND DERMAL SARCOMA OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/). *J. Fish. Res. Board Can.* 33(11):2408-2419. Nov. 1976. In English with French summ. SFA 21(4).

OTHER DISEASES AND PARASITES

71-009472 Ackman, R. G. VOLATILE KETONES AND ALCOHOLS OF CODWORMS (/TERRANOVA DECIPIENS/) FROM AXENIC CULTURE AND FRESH FISH MUSCLE. *J. Fish. Res. Board Can.* 33(12):2819-2821. Dec. 1976. In English with French summ. SFA 22(1)

71-009473 Ahmad, J. TWO NEW SPECIES OF DIGENETIC TREMATODES OF FISHES FROM THE BAY OF BENGAL. *Neth. J. Zool.* 27(3):305-309. Sept. 1977. SFA 23(3)

71-009474 Ahmed, A. T. A. and S. Egusa. DERMAL FIBROSARCOMA IN GOLDFISH *CARASSIUS AURATUS* (L.). *J. Fish. Dis.* 3(3):249-254. May 1980. SFA 25(3)

71-009475 Aliff, J. V. DIGENETIC TREMATODES FROM KENTUCKY FISHES. *Trans. Ky. Acad. Sci.* 38(1-2):1-14. Mar. 1977. SFA 22(3)

71-009476 Aliff, J. V.; Smith, D. and Lucas, H. SOME METAZOAN PARASITES FROM FISHES OF MIDDLE GEORGIA. *Trans. Am. Microsc. Soc.* 96(1):145-148. Jan. 1977. SFA 22(3)

71-009477 Amin, O. M. /ACANTHOCEPHALUS PARKSIDEI/ SP. N. (ACANTHOCEPHALA: ECHINORHYNCHIDAE) FROM WISCONSIN FISHES. *J. Parasitol.* 61(2):301-306. Apr. 1975. SFA 22(3)

71-009478 Amin, O. M. and Burrows, J. M. HOST AND SEASONAL ASSOCIATIONS OF /ECHINORHYNCHUS SALMONIS/ (ACANTHOCEPHALA: ECHINORHYNCHIDAE) IN LAKE MICHIGAN FISHES. *J. Fish. Res. Board Can.* 34(3):325-331. Mar. 1977. In English with French summ. SFA 22(3)

71-009479 Amin, O. M. and Mackiewicz, J. S. /PROTEOCEPHALUS BUPLANENSIS/ MAYES, 1976 (CESTODA: PROTEOCEPHALIDEA) FROM /SEMOTILUS ATROMACULATUS/ IN WISCONSIN. *Proc. Helminthol. Soc. Wash.* 44(2):228-229. July 1977. SFA 22(4)

71-009480 Amin, O. M. EFFECT OF HOST SPAWNING ON *ECHINORHYNCHUS SALMONIS* MÜLLER, 1784 (ACANTHOCEPHALA: ECHINORHYNCHIDAE) MATURATION AND LOCALIZATION. *J. Fish. Dis.* 1(2):195-197. Apr. 1978. SFA 25(2)

71-009481 Amin, O. M. HOST AND SEASONAL ASSOCIATIONS OF /ACANTHOCEPHALUS PARKSIDEI/ AMIN, 1974 (ACANTHOCEPHALA: ECHINORHYNCHIDAE) IN WISCONSIN FISHES. *J. Parasitol.* 61(2):318-329. Apr. 1975. SFA 22(3)

71-009482 Amin, O. M. INTESTINAL HELMINTHS OF SOME SOUTHEASTERN WISCONSIN FISHES. *Proc. Helminthol. Soc. Wash.* 42(1):43-46. Jan. 1975. SFA 22(3)

71-009483 Amin, O. M. NOTES ON /DINA LINEATA/ (O. F. MULLER) (HIRUDINEA: ERPOBDELLIDAE) FROM THE GUT OF SOME NILE FISHES IN EGYPT. *Proc. Helminthol. Soc. Wash.* 45 (2): 272-275. July 1978. SFA 23(4)

71-009484 Amin, O. M. VARIABILITY IN /ACANTHOCEPHALUS PARKSIDEI/ AMIN, 1974 (ACANTHOCEPHALA: ECHINORHYNCHIDAE). *J. Parasitol.* 61(2):307-317. Apr. 1975. SFA 22(3)

71-009485 Andersen, K. ABNORMAL GROWTH PATTERN OF /DIPHYLLOBOTHRIUM DENDRITICUM/ IN RAINBOW TROUT. *J. Helminthol.* 53(1):39-40. Mar. 1979. SFA 24(4)

71-009486 Anderson, K. THE HELMINTHS IN THE GUT OF PERCH (/PERCA FLUVIATILIS/ L.) IN A SMALL OLIGOTROPHIC LAKE IN SOUTHERN NORWAY. *Z. Parasitenkd.* 56(1):17-27. 1978. SFA 23(4)

71-009487 Anderson, R. M.; Whitfield, P. J. and Mills, C. A. AN EXPERIMENTAL STUDY OF THE POPULATION DYNAMICS OF AN ECTOPARASITIC DIGENEAN, /TRANSVERSOTREMA PATIALENSE/: THE CERCARIAL AND ADULT STAGES. *J. Anim. Ecol.* 46(2):555-580. June 1977. SFA 23(1)

71-009488 Andryuk, L. V. [THE CYCLE OF DEVELOPMENT OF /ACANTHOCEPHALUS ANGUILLAE/.] *Zool. Zh.* 58(2):168-174. Feb. 1979. In Russian with English summ. SFA 24(3)

71-009489 Appy, R. and Dailey, M. D. A NEW SPECIES OF /RHINEBOTHRIUM/ (CESTODA: TETRAPHYLLIDEA) AND REDESCRIPTION OF THREE RHINEBOTHRIATE SPECIES FROM THE ROUND STINGRAY, /UROLOPHUS HALLERI/ COOPER IN SOUTHERN CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 76(2):116-127. Aug. 1977. SFA 23(2)

71-009490 Armstrong, H. W. A STUDY OF THE HELMINTH PARASITES OF THE FAMILY MACROURIDAE FROM THE GULF OF MEXICO AND CARIBBEAN SEA: THEIR SYSTEMATICS, ECOLOGY AND ZOOGEOGRAPHICAL IMPLICATIONS. *Ph.D. dissertation, Texas A&M Univ.* 346p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 21(1).

71-009491 Ashmead, R. R. and Crites, J. L. A DESCRIPTION OF THE MALE AND REDESCRIPTION OT THE FEMALE OF /PHILOMETRA CYLINDRACEA/ WARD AND MAGATH, 1916 (NEMATODA: PHILOMETRIDAE). *Proc. Helminthol. Soc. Wash.* 42(2):143-145. July 1975. SFA 21(1).

71-009492 Avdeev, G. V. and Avdeev, V. V. [/PSEUDONICOTHOE BRANCHIALIS/ GEN. ET SP. N. (CRUSTACEA, COPEPODA) FROM GILLS OF /HETEROCARPUS LAEVIGATUS/ FROM THE PACIFIC OCEAN.] *Zool. Zh.* 57(12):1893-1897. Dec. 1978. In Russian with English summ. SFA 24(3)

71-009493 Bailey, W. C.; J. Ginal and L. G. Mitchell. VICERAL FIBROSIS IN BLUEGILLS IN CENTRAL IOWA. *Proc. Iowa Acad. Sci.* 87(1):24. Mar. 1980. Abstract only. SFA 25(2)

71-009494 Baker, M. R. REDESCRIPTION OF /CAMALLANUS ANCYLODIRUS/ WARD AND MAGATH 1916 (NEMATODA: CAMALLANIDAE) FROM FRESHWATER FISHES OF NORTH AMERICA. *J. Parasitol.* 65(3):389-392. June 1979. SFA 25(1)

71-009495 Ball, I. R. and Khan, R. A. ON /MICROPHARYNX PARASITICA/ JAGERSKIOLD, A MARINE PLANARIAN ECTOPARASITIC ON THORNY SKATE, /RAJA RADIATA/ DONOVAN, FROM THE NORTH ATLANTIC OCEAN. *J. Fish Biol.* 8(5):419-426. May 1976. SFA 22(1)

71-009496 Banhawy, M. A.; Saoud, M. F. A.; Anwar, I. M. and Naffar, M. K. THE HISTOPATHOLOGICAL EFFECTS OF THE PARASITIC TAPEWORM /WENYONIA VIRILIS/ ON THE ILEUM AND LIVER OF THE SILURID FISH /SYNODONTIS SCHALL/. *Ann. Zool. (Agra)* 11(4):83-101. Oct. 1975. SFA 22(2)

71-009497 Barkman, L. L. and James, H. A. A POPULATION STUDY OF MONOGENETIC TREMATODES FROM THE KILLIFISH, /FUNDULUS HETEROCLITUS/ (LINNAEUS) IN CONNECTICUT. *Iowa State J. Res.* 54(1):77-81. Aug. 1979. SFA 25(1)

71-009498 Barnhart, M. C. and Powell, E. C. /LISSORCHIS KRITSKYI/ SP. N. (DIGENEA: LISSORCHIIDAE) FROM THE RIVER CARPSUCKER, /CARPIODES CARPIO/ (RAFINESQUE). *Proc. Helminthol. Soc. Wash.* 46(1):47-51. Jan. 1979. SFA 24(3)

71-009499 Bashirullah, A. K. M. RECORDS OF /LERNAEOLOPHUS/ SP. (COPEPODA) IN THE FISH /LUTJANUS GRISEUS/ (LINN.) WITH MULTIPLE EPIZOIC ORGANISMS ON THE COPEPOD. *Bol. Inst. Oceanogr. Univ. Oriente Cumana* 14(2):247-250. Dec. 1975. In English with Spanish summ. SFA 22(3)

71-009500 Bauer, O. N. and Hoffman, G. L. HELMINTH RANGE EXTENSION BY TRANSLOCATION OF FISH. *IN L. A. Page, ed. Wildlife Deseases. Plenum Publ. Corp., 227 W. 17th St., New York, NY.* p. 163-172. 1976. In English with German summ. SFA 22(2)

71-009501 Becker, C. D. and Dauble, D. D. RECORDS OF PISCIVORUS LEECHES (HIRUNDINEA) FROM THE CENTRAL COLUMBIA RIVER, WASHINGTON STATE. *NOAA Fish. Bull.* 76 (4): 926-931. 1979. SFA 24(2)

71-009502 Bell, D. A. and M. Beverley-Burton. PREVALENCE AND INTENSITY OF *CAPILLARIA CATOSTOMI* (NEMATODA: TRICHUROIDEA) IN WHITE SUCKER (*CATOSTOMUS COMMERSONI*) IN SOUTHERN LAKE HURON, CANADA. *Environ. Biol. Fishes* 5(3):267-271. 29 Sept. 1980. SFA 25(4)

71-009503 Bennet, P. S. and Chellam, A. /PERODERMA TASSELUM/ SP. NOV. (LERNAEOCERIFORMES; COPEPODA) PARASITIC ON THE FISH /STOLEPHORUS COMMERSONII/ LACEPEDE. *Indian J. Fish.* 22(1,2):279-282. 1975. SFA 23(3)

71-009504 Benz, G. W. and W. J. Pohley. A CONSPICUOUS *PHILOMETRA* SP. (NEMATODA: PHILOMETRIDAE) FROM THE OCULO-ORBITS OF CENTRARCHID FISHES. *Proc. Helminthol. Soc. Wash.* 47(2):264-266. July 1980. SFA 25(4)

71-009505 Berra, T. M. and Au, R.-J. INCIDENCE OF BLACK SPOT DISEASE IN FISHES IN CEDAR FORK CREEK, OHIO. *Ohio J. Sci.* 78 (6): 318-322. Nov. 1978. SFA 24(1)

71-009506 Beverley-Burton, M. and D. M. Suriano. *CLEIDODISCUS ROBUSTUS* MUELLER, 1934 (MONOGENEA: ANCYROCEPHALINAE) FROM *LEPOMIS GIBBOSUS* L. (PISCES: CENTRARCHIDAE) IN ONTARIO, CANADA: ANATOMY AND SYSTEMATIC POSITION. *Can. J. Zool.* 58(4):654-660. Apr. 1980. In English with French summ. SFA 25(3)

71-009507 Beverley-Burton, M. and D. M. Suriano. *HAPLOCLEIDUS DISPAR* (MUELLER, 1936) AND *PTEROCLEIDUS ACER* (MUELLER, 1936) (MONOGENEA: ANCYROCEPHALINAE) FROM *LEPOMIS GIBBOSUS* L. (PISCES: CENTRARCHIDAE) IN ONTARIO, CANADA: ANATOMY AND SYSTEMATIC POSITION. *Can. J. Zool.* 58(4):661-669. Apr. 1980. In English with French summ. SFA 25(3)

71-009508 Beverley-Burton, M. METAZOAN PARASITES OF ARCTIC CHAR (/SALVELINUS ALPINUS/ L.) IN A HIGH ARCTIC, LANDLOCKED LAKE IN CANADA. *Can. J. Zool.* 56 (2): 365-368. Feb. 1978. In English with French summ. SFA 23(3)

71-009509 Beverley-Burton, M.; Nyman, O. L. and Pippy, J. H. C. THE MORPHOLOGY, AND SOME OBSERVATIONS ON THE POPULATION GENETICS OF /ANISAKIS SIMPLEX/ LARVAE (/NEMATODA: ASCARIDATA) FROM FISHES OF THE NORTH ATLANTIC. *J. Fish. Res. Board Can.* 34(1):105-112. Jan. 1977. In English with French summ. SFA 22(2)

71-009510 Bier, J. W. STUDIES ON ANISAKINE NEMATODES AND EXPERIMENTAL ANISAKIASIS. *Ph.D. dissertation, Lehigh Univ.* 318p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3692. Feb. 1979. SFA 24(3)

71-009511 Bilqees, F. M. /RHABDOCHONA PARASTROMATEI/ SP. N. (NEMATODA, PHABDOCHONIDAE) FROM THE FISH /PARASTROMATEUS NIGER/ (BLEFKER) OF THE KARACHI COAST. *Zool. Scr.* 8(2):107-110. 1979. SFA 25(1)

71-009512 Bilqees, F. M. DESCRIPTION OF THREE TREMATODES INCLUDING TWO NEW SPECIES FROM THE FISHES OF KALRI LAKE, SIND, PAKISTAN. *Pak. J. Sci. Res.* 31(3-4):220-222. 1979. SFA 25(3)

71-009513 Bilqees, F. M. THREE TREMATODES INCLUDING TWO NEW SPECIES FROM FISHES OF THE KARACHI COAST. *Zool Scr.* 9(2):89-91. 1980. SFA 25(3)

71-009514 Bilqees, F. M. /TERGESTIA KARACHIENSE/ SP.N. (TREMATODA, FELLODISTOMIDAE) FROM THE FISH /STROMATEUS SINENSIS/ OF THE KARACHI COAST. *Zool. Scr.* 7(4):255-256. 1978. SFA 24(3)

71-009515 Bjorge, A. J. AN ISOPOD AS INTERMEDIATE HOST OF COD-WORM. *Fiskeridir. Skr. Ser. Havunders.* 16(14):561-565. 1979. SFA 24(4)

71-009516 Blair, D. /POLYONCHOBOTHRIUM SCLEROPAGIS/ N. SP. (CESTODA: PSEUDOPHYLLIDEA) FROM THE AUSTRALIAN OSTEOGLOSSID FISH /SCLEROPAGES LEICHARDTI/ GUNTHER. *J. Helminthol.* 52(2):147-153. June 1978. SFA 23(4)

71-009517 Blair, D. A KEY TO CERCARIAE OF BRITISH STRIGEOIDS (DIGENEA) FOR WHICH THE LIFE-CYCLES ARE KNOWN, AND NOTES ON THE CHARACTERS USED. *J. Helminthol.* 51(2):155-166. June 1977. SFA 22(4)

71-009518 Blasiola, G. C., Jr. and J. C. Turnier. ALGAL INFECTION OF THE SEVENGILL SHARK, *NOTORYNCHUS MACULATUS* AYRES. *J. Fish Dis.* 2(2):161-163. Mar. 1979. SFA 25(2)

71-009519 Blasiola, G. C., Jr. /SERPENTISACCUS MAGNIFICAE/ GEN. ET SP. N., A COPEPOD (CALIGOIDA: LERNAEOCERIDAE) FROM THE FIREFISH, /NEMATELEOTRIS MAGNIFICA/ FOWLER, 1938. *J. Parasitol.* 65(4):662-665. Aug. 1979. SFA 25(1)

71-009520 Boonyaratpalin, S. EFFECT OF MEBENDAZOLE ON THE PLEROCERCOID OF THE BASS TAPEWORM IN LARGEMOUTH BASS. *Ph.D. dissertation, Auburn Univ.* 76p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1159. Sept. 1978. SFA 24(1)

71-009521 Bortone, S. A.; Bradley, W. K. and Oglesby, J. L. THE HOST-PARASITE RELATIONSHIP OF TWO COPEPOD SPECIES AND TWO FISH SPECIES. *J. Fish Biol.* 13(3):337-350. Sept. 1978. SFA 24(1)

71-009522 Bouck, G. R.; Chapman, G. A.; Schneider, P. W., Jr. and Stevens, D. G. OBSERVATIONS ON GAS BUBBLE DISEASE AMONG WILD ADULT COLUMBIA RIVER FISHES. *Trans. Am. Fish. Soc.* 105(1):114-115. Jan. 1976. SFA 21(1).

71-009523 Boxshall, G. A. THE HISTOPATHOLOGY OF INFECTION BY /LEPEOPHTHEIRUS PECTORALIS/ (MULLER) (COPEPODA: CALIGIDAE). *J. Fish Biol.* 10(4):411-415. Apr. 1977. SFA 22(3)

71-009524 Boxshall, G. A. THE HOST SPECIFICITY OF /LEPEOPHTHEIRUS PECTORALIS/ (MULLER, 1776) (COPEPODA: CALIGIDAE). *J. Fish Biol.* 8(3):255-264. Mar. 1976. SFA 22(1)

71-009525 Boyce, N. P. EFFECTS OF /EUBOTHRIUM SALVELINI/ (CESTODA: PSEUDOPHYLLIDEA) ON THE GROWTH AND VITALITY OF SOCKEYE SALMON, /ONCORHYNCHUS NERKA/. *Can. J. Zool.* 57(3):597-602. Mar. 1979. In English with French summ. SFA 24(3)

71-009526 Brandal, P. O. and Egidius, E. TREATMENT OF SALMON LICE (/LEPEOPHTHEIRUS SALMONIS/ KROYER, 1838) WITH NEGUVON--DESCRIPTION OF METHOD AND EQUIPMENT. *Aquaculture* 18(2):183-188. Oct. 1979. SFA 25(1) 25(1)

71-009527 Bray, R. A. and D. I. Gibson. THE FELLODISTOMIDAE (DIGENEA) OF FISHES FROM THE NORTHEAST ATLANTIC. *Bull. Br. Mus. (Nat. Hist.) Zool.* 37(4):199-293. 28 Feb. 1980. SFA 25(2)

71-009528 Bray, R. A. and Gibson, D. I. THE ACCACOELIIDAE (DIGENEA) OF FISHES FROM THE NORTH-EAST ATLANTIC. *Bull. Brit. Mus. (Nat. Hist.) Zool.* 31(2):53-99. 1977. SFA 22(3)

71-009529 Bray, R. A. TWO NEW SPECIES OF /ENENTERUM/ LINTON, 1910 (DIGENEA) IN THE MARINE FISH /NEOSCORPIS LITHOPHILUS/ (KYPHOSIDAE) FROM THE SOUTH-WESTERN INDIAN OCEAN. *J. Helminthol.* 52 (2): 131-139. June 1978. SFA 23(4)

71-009530 Brooks, D. R. and Mayes, M. A. /ACANTHOBOTHRIUM ELECTRICOLUM/ SP. N. AND /A. LINTONI/ GOLDSTEIN, HENSON, AND SCHLICHT 1969 (CESTODA: TETRAPHYLLIDEA) FROM /NARCINE BRASILIENSIS/ (OLFERS) (CHONDRICHTHYES: TORPEDINIDAE) IN COLOMBIA. *J. Parasitol.* 64(4):617-619. Aug. 1978. SFA 24(1)

71-009531 Brooks, D. R. and Thorson, T. B. TWO TETRAPHYLLIDEAN CESTODES FROM THE FRESHWATER STINGRAY /POTAMOTRYGON MAGDALENAE/ DUMERIL 1852 (CHONDRICHTHYES: POTAMOTRYGONIDAE) FROM COLOMBIA. *J. Parasitol.* 62(6):943-947. Dec. 1976. SFA 22(2)

71-009532 Brooks, D. R. A NEW GENUS AND TWO NEW SPECIES OF TREMATODES FROM CHARACID FISHES IN COLOMBIA. *Trans. Am. Microsc. Soc.* 96(2):267-270. Apr. 1977. SFA 22(3)

71-009533 Brooks, D. R. and Mayes, M. A. /PHYLLODISTOMUM SCRIPPSI/ SP. N. (DIGENEA: GORGODERIDAE) AND /NEOBENEDENIA GIRELLAE/ (HARGIS, 1955) YAMAGUTI, 1963 (MONOGENEA: CAPSALIDAE) FROM THE CALIFORNIA SHEEPHEAD, /PIMELOMETOPON PULCHRUM/ (AYRES) (PISCES: LABRIDAE). *J. Parasitol.* 61(3):407-408. June 1975. SFA 22(3)

71-009534 Brooks, D. R. SIX NEW SPECIES OF TETRAPHYLLIDEAN CESTODES, INCLUDING A NEW GENUS, FROM A MARINE STINGRAY /HIMANTURA SCHMARDAE/ (WERNER, 1904) FROM COLOMBIA. *Proc. Helminthol. Soc. Wash.* 44(1):51-62. Jan. 1977. SFA 22(3)

71-009535 Brooks, D. R.; Mayes, M. A. and Thorson, T. B. /PARAVITELLOTREMA OVERSTREETI/ SP. N. (DIGENEA: HEMIURIDAE) FROM THE COLOMBIAN FRESHWATER STINGRAY /POTAMOTRYGON MAGDALENAE/ DUMERIL. *Proc. Helminthol. Soc. Wash.* 46(1):52-54. Jan. 1979. SFA 24(3)

71-009536 Bucke, D.; G. D. Cawley; J. F. Craig; A. D. Pickering and L. G. Willoughby. FURTHER STUDIES OF AN EPIZOOTIC OF PERCH *PERCA FLUVIATILIS* L., OF UNCERTAIN AETIOLOGY. *J. Fish. Dis.* 2(4):297-311. July 1979. SFA 25(2)

71-009537 Bucke, D.; McCarthy, D. and Hill, B. A REPORT OF SUSPECTED ERYTHRODERMATITIS IN CARP IN GREAT BRITAIN. *J. Fish Biol.* 7(3):301-303. May 1975. SFA 22(2)

71-009538 Buckner, R. L. and Buchner, S. C. A NEW SPECIES OF /LEPTORHYNCHOIDES/ KOSTYLEV 1924 (ACANTHOCEPHALA) FROM THE PIRATE PERCH, /APHREDODERUS SAYANUS/ (GILLIAMS). *J. Parasitol.* 62(6):955-958. Dec. 1976. SFA 22(2)

71-009539 Bullock, A. M. and R. J. Roberts. INDUCTION OF UDN-LIKE LESIONS IN SALMONID FISH BY EXPOSURE TO ULTRAVIOLET LIGHT IN THE PRESENCE OF PHOTOTOXIC AGENTS. *J. Fish Dis.* 2(5):439-441. Sept. 1979. SFA 25(2)

71-009540 Bullock, A. M.; R. S. Batty and D. A. Neave. LIPOPHOROMATOSIS IN ADULT PLAICE *PLEURONECTES PLATESSA* L. *J. Fish Dis.* 2(6):567-568. Nov. 1979. SFA 25(2)

71-009541 Bulow, F. J. and Winningham, J. R. INCIDENCE OF OCCURRENCE OF THE COPEPOD PARASITE /LERNAEA CYPRINACAEA/ IN A STREAM FISH POPULATION. *J. Tenn. Acad. Sci.* 53(2):74. Apr. 1978. Abstract only. SFA 23(3)

71-009542 Bulow, F. J.; Winningham, J. R. and Hooper, R. C. OCCUREENCE OF THE COPEPOD PARASITE /LERNACEA CYPRINACAEA/ IN A STREAM FISH POPULATION. *Trans. Am. Fish. Soc.* 108(1):100-102. Jan. 1979. SFA 24(3)

71-009543 Burn, P. R. /PROTANCYROCEPHALOIDES LIOPSETTAE/ GEN. ET SP. N. (MONOPISTHOCOTYLEA: DACTYLOGYRIDAE) FROM SMOOTH FLOUNDER, /LIOPSETTA PUTNAMI/ (GILL). *Proc. Helminthol. Soc. Wash.* 45(1):49-52. Jan. 1978. SFA 23(2)

71-009544 Burn, P. R. DENSITY DEPENDENT REGULATION OF A FISH TREMATODE POPULATION. *J. Parasitol.* 66(1):173-174. Feb. 1980. SFA 25(3)

71-009545 Burreson, E. M. TWO NEW SPECIES OF /MALMIANA/ (HIRUDINEA: PISCICOLIDAE) FROM OREGON COASTAL WATERS. *J. Parasitol.* 63(1):130-136. Feb. 1977. SFA 22(3)

71-009546 Burreson, E. M. /TRACHELOBDELLA OREGONENSIS/ SP. N. (HIRUDINEA: PISCICOLIDAE), PARASITIC ON THE CABEZON, /SCORPAENICHTHYS MARMORATUS/ (AYRES), IN OREGON. *J. Parasitol.* 62(5):793-798. Oct. 1976. SFA 22(2)

71-009547 Burreson, E. M. A NEW MARINE LEECH /AUSTROBDELLA CALIFORNIANA/ N. SP. (HIRUDINEA: PISCICOLIDAE) FROM SOUTHERN CALIFORNIA FLATFISHES. *Trans. Am. Microsc. Soc.* 96(2):263-267. Apr. 1977. SFA 22(3)

71-009548 Burrough, R. J. THE POPULATION BIOLOGY OF TWO SPECIES OF EYEFLUKE, /DIPLOSTOMUM SPATHACEUM/ AND /TYLODELPHYS CLAVATA/, IN ROACH AND RUDD. *J. Fish Biol.* 13(1):19-32. July 1978. SFA 23(4)

71-009549 Bussmann, B. and Ehrich, S. INVESTIGATIONS ON INFESTATION OF BLUE WHITING (/MICROMESISTIUS POUTASSOU/) WITH LARVAL /ANISAKIS/ SP. (NEMATODA: ASCARIDIDA). *Arch. Fischereiwiss.* 29 (3): 155-165. Mar. 1979. In English with German summ. SFA 24(3)

71-009550 Buttner, J. K. and Hamilton, R. W. /ERGASILUS/ (COPEPODA: CYCLOPOIDA) INFESTATION OF COHO AND CHINOOK SALMON IN LAKE MICHIGAN. *Trans. Am. Fish. Soc.* 105(3):491-493. May 1976. SFA 21(3).

71-009551 Caballero C., E. and G. Caballero R. ESTUDIOS DE LA COLLECCIÓN DE TREMÁTODOS COLECTADOS POR HOWARD A. WINTER EN PECES DEL OCÉANO PACIFICO DE MÉXICO Y DE LOS ESTADOS UNIDOS DE NORTE AMÉRICA. VI. [STUDIES OF THE TREMATODES COLLECTED BY HOWARD A. WINTER IN FISH FROM THE PACIFIC OCEAN OF MEXICO AND THE UNITED STATES. VI.] *Rev. Biol. Trop.* 24(2):229-234. Dec. 1976. In Spanish with English summ. SFA 25(4)

71-009552 Caballero C., E. and G. Caballero R. ESTUDIO DE LA COLECCIÓN DE TREMÁTODOS COLECTADOS POR HOWARD A. WINTER EN PECES DEL OCÉANO PACÍFICO DE MÉXICO Y DE LOS ESTADOS UNIDOS DE NORTE AMÉRICA. V. [STUDIES OF THE TREMATODES COLLECTED BY HOWARD A. WINTER IN FISH FROM THE PACIFIC OCEAN OF MEXICO AND THE UNITED STATES. V.] *Rev. Biol. Trop.* 24(2):191-198. Dec. 1976. In Spanish with English summ. SFA 25(4)

71-009553 Caillet, C. and Raibaut, A. OBSERVATIONS EXPERIMENTALES SUR LA SEXUALITE DU COPEPODE CALIGOIDE /CLAVELLODES MACROTRACHELUS/ (BRIAN, 1906), PARASITE BRANCHIAL DU SAR /DIPLODUS SARGUS/ (LINNE, 1758). [EXPERIMENTAL OBSERVATIONS ON THE SEXUALITY OF COPEPOD /CLAVELLODES MACROTRACHELUS/ (BRIAN, 1906) BRANCHIAL PARASITE OF /DIPLODUS SARGUS/ (LINNAEUS, 1758).] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 288(2):223-226. 15 Jan. 1979. In French with English summ. SFA 24(3)

71-009554 Camp, J. W., Jr. and H. W. Huizinga. SEASONAL POPULATION INTERACTIONS OF *ACANTHOCEPHALUS DIRUS* (VAN CLEAVE 1931) IN THE CREEK CHUB, *SEMOTILUS ATROMACULATUS*, AND ISOPOD, *ASELLUS INTERMEDIUS*. *J. Parasitol.* 66(2):299-304. Apr. 1980. SFA 25(3)

71-009555 Campbell, R. A. and J. Carvajal G. *ECHINOBOTHRIUM EUZETI*, A NEW CESTODE FROM THE SPIRAL VALVE OF A CHILEAN ELASMOBRANCH. *Proc. Helminthol. Soc. Wash.* 47(2):165-167. July 1980. SFA 25(4)

71-009556 Campbell, R. A. TWO NEW GENERA OF PSEUDOPHYLLIDEAN CESTODES FROM DEEP-SEA FISHES. *Proc. Helminthol. Soc. Wash.* 46 (1): 74-78. Jan. 1979. SFA 24(3)

71-009557 Campbell, R. A. /DEGENERIA HALOSAURI/ (BELL 1887) GEN. ET COMB. N. (DIGENEA: GORGODERIDAE) FROM THE DEEP-SEA TELEOST /HALOSAUROPSIS MACROCHIR/. *J. Parasitol.* 63(1):76-79. Feb. 1977. SFA 22(3)

71-009558 Campbell, R. A. NEW TETRAPHYLLIDEAN AND TRYPANORHYNCH CESTODES FROM DEEP-SEA SKATES IN THE WESTERN NORTH ATLANTIC. *Proc. Helminthol. Soc. Wash.* 44(2):191-197. July 1977. SFA 22(4)

71-009559 Campbell, R. A. /HUDSONIA AGASSIZI/ GEN. ET SP. N. (ZOOGONIDAE: HUDSONIINAE SUBF. N.) FROM A DEEP-SEA FISH IN THE WESTERN NORTH ATLANTIC. *J. Parasitol.* 61(3):409-412. June 1975. SFA 22(3)

71-009560 Campbell, R. A. TWO NEW SPECIES OF /ECHENEIBOTHRIUM/ (CESTODA: TETRAPHYLLIDEA) FROM SKATES IN THE WESTERN NORTH ATLANTIC. *J. Parasitol.* 61(1):95-99. Feb. 1975. SFA 22(3)

71-009561 Campbell, R. A. TETRAPHYLLIDEAN CESTODES FROM WESTERN NORTH ATLANTIC SELACHIANS WITH DESCRIPTIONS OF TWO NEW SPECIES. *J. Parasitol.* 61(2):265-270. Apr. 1975. SFA 22(3)

71-009562 Campbell, R. A. /ABYSSOTREMA PRITCHARDAE/ GEN. ET SP. N. (DIGENEA: FELLODISTOMIDAE) FROM THE DEEP-SEA FISH, /ALEPOCEPHALUS AGASSIZI/ GOODE AND BEAN 1883. *J. Parasitol.* 61(4):661-664. Aug. 1975. SFA 22(3)

71-009563 Campbell, R. A. and Munroe, T. A. NEW HEMIURID TREMATODES FROM DEEP-SEA BENTHIC FISHES IN THE WESTERN NORTH ATLANTIC. *J. Parasitol.* 63(2):285-294. Apr. 1977. SFA 22(3)

71-009564 Campbell, R. A. A NEW FAMILY OF PSEUDOPHYLLIDEAN CESTODES FROM THE DEEP-SEA TELEOST /ACANTHOCHAENUS LUTKENII/ GILL 1884. *J. Parasitol.* 63(2):301-305. Apr. 1977. SFA 22(3)

71-009565 Canning, E. U. and A. C. Olson, Jr. *NOSEMA LEPOCREADII* SP. N., A PARASITE OF *LEPOCREADIUM MANTERI* (DIGENEA: LEPOCREADIIDAE) FROM THE GUT OF THE CALIFORNIA GRUNION, *LEURESTHES TENUIS*. *J. Parasitol.* 66(1):154-159. Feb. 1980. SFA 25(3)

71-009566 Cannon, L. R. G. SOME ECOLOGICAL RELATIONSHIPS OF LARVAL ASCARIDOIDS FROM SOUTH-EASTERN QUEENSLAND MARINE FISHES. *Int. J. Parasitol.* 7(3):227-232. June 1977. SFA 22(4)

71-009567 Cannon, L. R. G. SOME LARVAL ASCARIDOIDS FROM SOUTH-EASTERN QUEENSLAND MARINE FISHES. *Int. J. Parasitol.* 7(3):233-243. June 1977. SFA 22(4)

71-009568 Carlisle, J. C. and Roberts, R. J. AN EPIDERMAL PAPILLOMA OF THE ATLANTIC SALMON I: EPIZOOTIOLOGY, PATHOLOGY AND IMMUNOLOGY. *J. Wildl. Dis.* 13(3):230-234. July 1977. SFA 22(4)

71-009569 Carlisle, J. C. AN EPIDERMAL PAPILLOMA OF THE ATLANTIC SALMON II: ULTRASTRUCTURE AND ETIOLOGY. *J. Wildl. Dis.* 13(3):235-239. July 1977. SFA 22(4)

71-009570 Carvajal G., J. and R. A. Campbell. IDENTIFICACIÓN DE LAS LARVAS DE CESTODOS TETRARÍNQUIDOS PRESENTES EN LAS MERLUZAS Y CONGRIOS DE PUERTO MONTT, CHILE. [IDENTIFICATION OF TRYPANORHYNCH PLEROCERCI PRESENT IN HAKES AND REDFISH CUSK-EELS FROM PUERTO MONTT, CHILE.] *Bol. Chil. Parasitol.* 34(3-4):65-67. 1979. In Spanish with English summ. SFA 25(3)

71-009571 Carvajal, J. and Cattan, P. E. OCCURRENCE OF THE PLEROCERCUS OF /GRILLOTIA DOLLFUSI/ CARVAJAL 1971 (CESTODA: TRYPANORHYNCHA) IN THE CHILEAN HAKE /MERLUCCIUS GAYI/ (GUICHENOT 1848). *J. Parasitol.* 64(4):695. Aug. 1978. SFA 24(1)

71-009572 Carvajal, J. and Campbell, R. A. /RHINOPTERICOLA MEGACANTHA/ GEN. ET SP. N., REPRESENTING A NEW FAMILY OF TRYPANORHYNCH CESTODES FROM THE COWNOSE RAY, /RHINOPTERA BONASUS/ (MITCHILL 1815). *J. Parasitol.* 61(6):1023-1030. Dec. 1975. SFA 22(3)

71-009573 Carvajal, J. and Dailey, M. D. THREE NEW SPECIES OF /ECHENEIBOTHRIUM/ (CESTODA: TETRAPHYLLIDEA) FROM THE SKATE, /RAJA CHILENSIS/ GUICHENOT, 1848, WITH COMMENTS ON MODE OF ATTACHMENT AND HOST SPECIFICITY. *J. Parasitol.* 61(1):89-94. Feb. 1975. SFA 22(3)

71-009574 Carvajal, J.; Campbell, R. A. and Cornford, E. M. SOME TRYPANORHYNCH CESTODES FROM HAWAIIAN FISHES, WITH DESCRIPTIONS OF FOUR NEW SPECIES. *J. Parasitol.* 62(1):70-77. Feb. 1976. SFA 22(3)

71-009575 Carvajal, J.; P. E. Cattan; C. Castillo and P. Schatte. LARVAL ANISAKIDS AND OTHER HELMINTHS IN THE HAKE, *MERLUCCIUS GAYI* (GUICHENOT) FROM CHILE. *J. Fish Biol.* 15(6):671-677. Dec. 1979. SFA 25(2)

71-009576 Cattan, P. E.; J. Carvajal; D. Torres and J. L. Yáñez. PRIMERA COMUNICACIÓN SOBRE CESTODOS TRYPANORHYNCHA EN PECES DEL ARCHIPIÉLAGO DE JUAN FERNÁNDEZ. [FIRST REPORT ON TRYPANORHYNCHA CESTODES IN FISH FROM JUAN FERNANDEZ ARCHIPELAGO]. *Bol. Chil. Parasitol.* 34(1/2):44-46. 1979. In Spanish with English summ. SFA 25(2)

71-009577 Chung, H.-Y. and Kou, G.-H. A SPONTANEOUS EPITHELIOMA IN THE COLOR CARP (/CYPRINUS CARPIO/ L.). *Rep. Inst. Fish. Biol. Minist. Econ. Aff. Natl. Taiwan Univ.* 3 (2): 1-3. July 1976. SFA 24(2)

71-009578 Chung, H.-Y. and Kou, G.-H. A SPONTANEOUS EPITHELIOMA IN THE COLOR CARP (/CYPRINUS CARPIO/ L.). *Rep. Inst. Fish. Biol. Minist. Econ. Off. Natl. Taiwan Univ.* III(2):1-3. July 1976. SFA 21(3).

71-009579 Cloutman, D. G. TWO NEW SPECIES OF *DACTYLOGYRUS* (MONOGENEA: DACTYLOGYRIDAE) FROM *NOTROPIS SCABRICEPS* (COPE) AND *N. SCEPTICUS* (JORDAN AND GILBERT) (PISCES: CYPRINIDAE). *J. Parasitol.* 66(1):160-161. Feb. 1980. SFA 25(3)

71-009580 Cloutman, D. G. ABUNDANCE OF /CLEIDODISCUS PRICEI/ MUELLER (MONOGENEA: DACTYLOGYRIDAE) ON THE FLAT BULLHEAD, /ICTALURUS PLATYCEPHALUS/ (GIRARD), IN LAKE NORMAN, NORTH CAROLINA. *J. Parasitol.* 64(1):170-172. Feb. 1978. SFA 23(3)

71-009581 Cloutman, D. G. and Becker, D. A. SOME ECOLOGICAL ASPECTS OF /ERGASILUS CENTRARCHIDARUM/ WRIGHT (CRUSTACEA: COPEPODA) ON LARGEMOUTH AND SPOTTED BASS IN LAKE FORT SMITH, ARKANSAS. *J. Parasitol.* 63(2):372-376. Apr. 1977. SFA 22(3)

71-009582 Cochran, M. L. NEMATODE PARASITES IN FRESHWATER FISHES OF ALABAMA AND GEORGIA. *Ga. J. Sci.* 37 (3/4): 199-204. June-Sept. 1979. SFA 24(4)

71-009583 Cochran, M. L. B. A TAXONOMIC AND DISTRIBUTIONAL STUDY OF NEMATODE PARASITES IN FRESHWATER FISHES OF ALABAMA. *Ph. D. dissertation, Auburn Univ.* 156p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-009584 Combs, D. L.; Harley, J. P. and Williams, J. C. HELMINTH PARASITES OF THE SPOTTED SUCKER AND GOLDEN REDHORSE FROM THE KENTUCKY RIVER. *Trans. Ky. Acad. Sci.* 38(3-4):128-131. Sept. 1977. SFA 23(1)

71-009585 Combs, D. L.; Williams, J. C. and Harley, J. P. NEW HOST RECORDS FOR /ANONCHOHAPTOR MUELLERI/ (TREMATODA: MONOGENEA) FROM CATOSTOMID FISHES OF THE KENTUCKY RIVER. *Proc. Helminthol. Soc. Wash.* 43(1):84. Jan. 1976. SFA 22(3)

71-009586 Cone, D. K. SYSTEMATIC POSITION OF /UROCLEIDUS ADSPECTUS/ MUELLER, 1936 (MONOGENEA: ANCYROCEPHALINAE) OF /PERCA FLAVESCENS/. *Can. J. Zool.* 56(4):608-612. Apr. 1978. In English with French summ. SFA 23(3)

71-009587 Cone, P. K. THE MONOGENEA OF SOME FRESHWATER FISHES IN NEW BRUNSWICK, CANADA. *J. Parasitol.* 66(1):178-180. Feb. 1980. SFA 25(3)

71-009588 Conroy, D. A. and J. A. Santacana. A CASE OF GOITRE AND ITS TREATMENT IN A GOLDFISH *CARASSIUS AURATUS* (L.). *J. Fish Dis.* 2(6):555-556. Nov. 1979. SFA 25(2)

71-009589 Cooper, C. L.; Ashmead, R. R. and Crites, J. L. PREVALENCE OF CERTAIN ENDOPARASITIC HELMINTHS OF THE YELLOW PERCH FROM WESTERN LAKE ERIE. *Proc. Helminthol. Soc. Wash.* 44(1):96. Jan. 1977. SFA 22(3)

71-009590 Cordero-del-Campillo, M. and Alvarez-Pellitero, M. P. /SPINITECTUS GORDONI/ N. SP. (NEMATODA: SPIRUROIDEA) FROM BROWN AND RAINBOW TROUTS IN NW SPAIN. *Rev. Iber. Parasitol.* 36(1-2):35-66. Jan.-June 1976. In English with Spanish summ. SFA 22(3)

71-009591 Cressey, R. and Boyle, H. A NEW GENUS AND SPECIES OF PARASITIC COPEPOD (PANDARIDAE) FROM A UNIQUE NEW SHARK. *Pac. Sci.* 32(1):25-30. Jan. 1978. SFA 24(1)

71-009592 Cressey, R. F. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. CRUSTACEA: BRANCHIURA *NOAA Tech. Rep. NMFS Circ.* 413. iii + 10p. May 1978. SFA 23(4)

71-009593 Crosby, M. D. and K. Smith. SEASONAL INCIDENCE OF *PHILOMETRA* SP. AND OTHER INTERNAL HELMINTHS IN BLUEGILL (*LEPOMIS MACROCHIRUS*) FROM LAKE CARROLL. *Ga. J. Sci.* 38(2):88. Apr. 1980. Abstract only. SFA 25(3)

71-009594 Crowden, A. E. and D. M. Broom. EFFECTS OF THE EYEFLUKE, *DIPLOSTOMUM SPATHACEUM*, ON THE BEHAVIOUR OF DACE (*LEUCISCUS LEUCISCUS*). *Anim. Behav. (Baillière Tindall, Publ.)* 28(1):287-294. Feb. 1980. SFA 25(2)

71-009595 Curtis, M. A. and M. E. Rau. THE GEOGRPHICAL DISTRIBUTION OF DIPLOSTOMIAS (TREMATODA: STRIGEIDAE) IN FISHES FROM NORTHERN QUEBEC, CANADA, IN RELATION TO THE CALCIUM ION CONCENTRATIONS OF LAKES. *Can. J. Zool.* 58(7):1390-1394. July 1980. In English with French summ. SFA 25(4)

71-009596 Dailey, M. D. and Carvajal, J. HELMINTH PARASITES OF /RHINOBATOS PLANICEPS/ GARMAN 1880, INCLUDING TWO NEW SPECIES OF CESTODES, WITH COMMENTS ON HOST SPECIFICITY OF THE GENUS /RHINEBOTHRIUM/ LINTON 1890. *J. Parasitol.* 62(6):939-942. Dec. 1976. SFA 22(2)

71-009597 Dartnall, H. J. G. and Walkey, M. THE DISTRIBUTION OF GLOCHIDIA OF THE SWAN MUSSEL, /ANODONTA CYGNEA/ (MOLLUSCA) ON THE THREE-SPINED STICKLEBACK /GASTEROSTEUS ACULEATUS/ (PISCES). *J. Zool. (Lond.)* 189(1):31-37. Sept. 1979. SFA 25(1)

71-009598 Davies, A. J. SOME OBSERVATIONS ON *HAEMOHORMIDIUM COTTI* HENRY 1910, FROM THE MARINE FISH *COTTUS BUBALIS* EUPHRASEN. *Z. Parasitenkd.* 62(1):31-38. 1980. SFA 25(3)

71-009599 Davies, A. J. SOME OBSERVATIONS ON *HAEMOHORMIDIUM COTTI* HENRY 1910, FROM THE MARINE FISH *COTTUS BUBALIS* EUPHRASEN. *Z. Parasitenkd.* 62(1):31-38. 1980. SFA 25(3)

71-009600 Davis, J. R. and Huffman, D. G. SOME FACTORS ASSOCIATED WITH THE DISTRIBUTION OF HELMINTHS AMONG INDIVIDUAL MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Tex. J. Sci.* 30(1):43-53. Mar. 1978. SFA 23(2)

71-009601 Deardorff, T. L. and R. M. Overstreet. TAXONOMY AND BIOLOGY OF NORTH AMERICAN SPECIES OF *GOEZIA* (NEMATODA: ANISAKIDAE) FROM FISHES, INCLUDING THREE NEW SPECIES. *Proc. Helminthol. Soc. Wash.* 47(2):192-217. July 1980. SFA 25(4)

71-009602 Delves-Broughton, J.; J. K. Fawell and D. Woods. THE FIRST OCCURRENCE OF 'CAULIFLOWER DISEASE' OF EELS *ANGUILLA ANGUILLA* L. IN THE BRITISH ISLES. *J. Fish. Dis.* 3(3):255-256. May 1980. SFA 25(3)

71-009603 Dergaleva, Zh. T. and Markevich, N. B. THE DYNAMICS OF THE INFESTATION OF THE SILVERSIDE /ATHERINA MOCHON PONTICA/ BY THE LARVAE OF /RAPHIDASCARIS ACUS/ (NEMATODA, ASCARIDATA) IN THE ARAL SEA AND ITS INFLUENCE ON THE PHYSIOLOGICAL STATE OF THE FISH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):866-868. 1976. SFA 23(2)

71-009604 Deutsch, W. G. /LERNAEA CYPRINACEA/ ON TWO CATOSTOMID FISHES. *Proc. Pa. Acad. Sci.* 52(1):57-59. 1978. SFA 24(2)

71-009605 Dickinson, A. B. and Threlfall, W. METAZOAN PARASITES OF /FUNDULUS HETEROCLITUS/ (LINNAEUS, 1766) FROM INSULAR NEWFOUNDLAND. *Proc. Helminthol. Soc. Wash.* 42(2):111-116. July 1975. SFA 22(3)

71-009606 Dickinson, A. B. and Threlfall, W. SOME PARASITES OF /FUNDULUS DIAPHANUS/ AND /PUNGITIUS PUNGITIUS/ FROM INSULAR NEWFOUNDLAND. *Proc. Helminthol. Soc. Wash.* 43(1):86-87. Jan. 1976. SFA 22(3)

71-009607 Dobrinskaya, L. A.; Syuzyumova, L. M. and Mikhailichenko, L. V. ROLE OF EXOMETABOLITES IN THE MANIFESTATION OF GENETICALLY INDUCED MELANOMAS IN INTERSPECIFIC HYBRIDS OF THE GENUS /XIPHOPHORUS/. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 8 (3): 260-266. May-June 1977. SFA 23(3)

71-009608 Dojiri, M. and P. S. Perkins. A NEW GENUS OF CYCLOPOID COPEPOD (CHONDRACANTHIDAE) PARASITIC ON HALIBUT FROM CALIFORNIA INSHORE WATERS. *J. Parasitol.* 65(5):794-803. Oct. 1979. SFA 25(2)

71-009609 Dojiri, M. COPEPOD PARASITES OF FISHES FROM THE ORANGE COUNTY SEWER OUTFALL, CALIFORNIA. *M.A. thesis, Calif. State Univ. (Long Beach)* 309p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-009610 Dojiri, M. TWO NEW SPECIES OF /LEPEOPHTHEIRUS/ (COPEPODA: CALIGIDAE) PARASITIC ON FISHES FROM SOUTHERN CALIFORNIA WATERS. *Parasitology* 78 (3): 251-262. June 1979. SFA 24(3)

71-009611 Dowsett, J. A. *CLINOSTOMUM COMPLANATUM* OR *CLINOSTOMUM MARINGATUM*? (TREMATODA: CLINOSTOMATIDAE). A PROBLEM OF PRIORITY AND SYNONYMY. *Can. J. Zool.* 58(4):680-682. Apr. 1980. In English with French summ. SFA 25(3)

71-009612 Dronen, N. O., Jr.; Rubec, L. A. and Underwood, H. T. TWO DIGENETIC TREMATODES FROM /UROPHYCIS CIRRATUS/ (GADIDAE) FROM THE GULF OF MEXICO. *Trans. Am. Microsc. Soc.* 96(3):403-406. July 1977. SFA 22(4)

71-009613 Dronen, N. O., Jr.; Underwood, H. T. and Suderman, M. T. /TEXTREMA HOPKINSI/ GEN. ET SP. N. (DIGENEA: CRYPTOGONIMIDAE) FROM THE LARGEMOUTH BASS OF CENTRAL TEXAS. *J. Parasitol.* 63(2):282-284. Apr. 1977. SFA 22(3)

71-009614 Dubinina, M. N. TAPEWORMS (CESTODA, LIGULIDAE) OF THE FAUNA OF THE USSR. *Amerind Publ. Co. Pvt. Ltd., New Delhi, India* 320p. 1980. SFA 25(4)

71-009615 Duru, C. and Johnson, A. D. /NEASCUS PYRIFORMIS/, THE BLACK-SPOT TREMATODE OF FISHES IN BRULE CREEK, SOUTH DAKOTA. *Proc. N.D. Acad. Sci.* 33: 83. Apr. 1979. Abstract only. SFA 24(3)

71-009616 Ebel, W. J. and Raymond, H. L. EFFECT OF ATMOSPHERIC GAS SUPERSATURATION ON SALMON AND STEELHEAD TROUT OF THE SNAKE AND COLUMBIA RIVERS. *Mar. Fish. Rev.* 38(7):1-14. July 1976. SFA 21(3).

71-009617 Edwards, C. J. ALGAL INFECTIONS OF FISH TISSUE: A RECENT RECORD AND REVIEW. *J. Fish. Dis.* 1(2):175-179. Apr. 1978. SFA 25(2)

71-009618 Eisen, S. ECOLOGY OF LERNAEA CYPRINACEA. *Ph.D. dissertation, Indiana Univ.* 120p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(9):4172. Mar. 1979. SFA 24(3)

71-009619 Eisen, S. INCIDENCE OF /LERNAEA CYPRINACEA/ AMONG GOLDFISH OF NORTH POND, KELLEYS ISLAND, OHIO. *Ohio J. Sci.* 77(1):48-49. Jan. 1977. SFA 22(3)

71-009620 Esch, G. W.; Campbell, G. C.; Conners, R. E. and Coggins, J. R. RECRUITMENT OF HELMINTH PARASITES BY BLUEGILLS (/LEPOMIS MACROCHIRUS/) USING A MODIFIED LIVE-BOX TECHNIQUE. *Trans. Am. Fish. Soc.* 105(3):486-490. May 1976. SFA 21(3).

71-009621 Eslami, A. and Kohneshahri, M. STUDY ON THE HELMINTHIASIS OF /RUTILUS FRISII KATUM/ FROM THE SOUTH CASPIAN SEA. *Acta Zool. Pathol. Antverpiensia* No. 70. p. 153-155. Feb. 1978. SFA 23(4)

71-009622 Euzet, L. and Dossou, C. [A NEW MONOGENEAN GENUS (/BOUIXELLA/ N.G.) IN THE MORMYRID FISH FROM BENIN (AFRICA).] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 283(12):1413-1416. Nov. 1976. In French with English summ. SFA 22(3)

71-009623 Euzet, L. and Wahl, E. /BICOTYLOPHORA BAERI/ N. SP. (MONOGENEA) PARASITE BRANCHIAL DU TELEOSTEEN /TRACHINOTUS FALCATUS/ (L., 1758) EN COTE-D'IVOIRE. [/BICOTYLOPHORA BAERI/ N. SP. (MONOGENEA) PARASITE FROM THE GILLS OF /TRACHINOTUS FALCATUS/ (L., 1758) IN IVORY COAST.] *Rev. Suisse Zool.* 84(1):71-79. 1977. In French with English and German summ. SFA 22(3)

71-009624 Evans, N. A. THE OCCURRENCE AND LIFE HISTORY OF /ASYMPHYLODORA KUBANICUM/ (PLATYHELMINTHES: DIGENEA: MONORCHIDAE) IN THE WORCESTER-BIRMINGHAM CANAL, WITH SPECIAL REFERENCE TO THE FEEDING HABITS OF THE DEFINITIVE HOST, /RUTILUS RUTILUS/. *J. Zool. (Lond.)* 184(2):143-153. Feb. 1978. SFA 23(3)

71-009625 Fahy, E. *EUBOTHRIUM CRASSUM* IN MIGRATORY TROUT, *SALMO TRUTTA* L., IN THE SEA. *J. Fish Biol.* 16(1):99-104. Jan. 1980. SFA 25(2)

71-009626 Fallon, M. E. and Wallace, D. C. THE OCCURRENCE OF /PHYLLODISTOMUM UNDULANS/ IN THE URINARY BLADDER OF THE MOTTLED SCULPIN, /COTTUS BAIRDI/. *Trans. Am. Fish. Soc.* 106(2):189-191. Mar. 1977. SFA 22(3)

71-009627 Fast, A. W. NITROGEN GAS SUPERSATURATION DURING ARTIFICIAL AERATION AT LAKE CASITAS, CALIFORNIA. *Prog. Fish-Cult.* 41(3):153-155. July 1979. SFA 25(1)

71-009628 Ferguson, H. W. and D. A. Rice. POST-SPAWNING MORTALITIES IN BROWN TROUT *SALMO TRUTTA* L. *J. Fish Dis.* 3(2):153-160. Mar. 1980. SFA 25(3)

71-009629 Ferguson, H. W. and H. J. Ball. EPIDEMIOLOGICAL ASPECTS OF PROLIFERATIVE KIDNEY DISEASE AMONGST RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON IN NORTHERN IRELAND. *J. Fish Dis.* 2(3):219-225. May 1979. SFA 25(2)

71-009630 Fickeisen, D. H. and Montgomery, J. C. TOLERANCES OF FISHES TO DISSOLVED GAS SUPERSATURATION IN DEEP TANK BIOASSAYS. *Trans. Am. Fish. Soc.* 107 (2): 376-381. Mar. 1978. SFA 23(3)

71-009631 Fickeisen, D. H. and Schneider, M. J., (eds.). GAS BUBBLE DISEASE: PROCEEDINGS OF A WORKSHOP HELD AT RICHLAND, WASHINGTON, OCTOBER 8-9, 1974. *Tech. Inf. Cent., Off. Public Aff., Energy Res. Develop. Admin., Washington, D.C.* 132p. 1976. SFA 21(1).

71-009632 Fischthal, J. H. *ASYMPHYLODORA FISHELSONI* SP. N. (TREMATODA: MONORCHIIDAE) FROM A CYPRINODONTID FISH, *APHANIUS DISPAR RICHARDSONI* (BOULENGER), FROM ISRAEL, AND ITS ALLOMETRIC GROWTH. *J. Helminthol.* 53(4):357-362. Dec. 1979. SFA 25(2)

71-009633 Fischthal, J. H. SOME DIGENETIC TREMATODES OF MARINE FISHES FROM ISRAEL'S MEDITERRANEAN COAST AND THEIR ZOOGEOGRPAHY, ESPECIALLY THOSE FROM RED SEA IMMIGRANT FISHES. *Zool. Scr.* 9(1):11-23. 1980. SFA 25(4)

71-009634 Fischthal, J. H. SOME DIGENETIC TREMATODES OF MARINE FISHES FROM THE BARRIER REEF AND REEF LAGOON OF BELIZE. *Zool. Scr.* 6(2):81-88. 1977. SFA 23(1)

71-009635 Fischthal, J. H. ALLOMETRIC GROWTH IN THREE SPECIES OF DIGENETIC TREMATODES OF MARINE FISHES FROM BELIZE. *J. Helminthol.* 52(1):29-39. Mar. 1978. SFA 23(3)

71-009636 Forstie, M. D.; Holloway, H. L., Jr. and Smith, C. E. MYOFIBROGRANULOMA IN NORTH DAKOTA WALLEYE, /STIZOSTEDION VITREUM/. *Proc. N. D. Acad. Sci.* 32 (1): 44. Apr. 1978. Abstract only. SFA 23(4).

71-009637 Frechette, J.-L.; Rau, M. E. and Webster, G. F. LES PARASITES DES ANIMAUX SAUVAGES DU QUEBEC. 3. LES HELMINTHES DE LA BARBOTTE BRUNE, /ICTALURUS NEBULOSUS/ DANS LA REGION DU FLEUVE SAINT-LAURENT ET SES PRINCIPAUX AFFLUENTS. [THE PARASITES OF WILD ANIMALS OF QUEBEC. 3. THE HELMINTHS OF THE BROWN BULLHEAD, /ICTALURUS NEBULOSUS/ FROM THE ST. LAWRENCE RIVER REGION AND ITS PRINCIPAL TRIBUTARIES.] *Nat. Can. (Que.)* 105(1):58. Jan.-Feb. 1978. In French. SFA 23(3)

71-009638 Fusco, A. C. /SPIROCAMALLANUS CRICOTUS/ (NEMATODA): ISOELECTRIC FOCUSING AND SPECTROPHOTOMETRIC CHARACTERIZATION OF ITS HEMOGLOBIN AND THAT OF ITS PISCINE HOST, /MICROPOGONIAS UNDULATUS/. *Exp. Parasitol.* 44(2):155-160. Apr. 1978. SFA 23(3)

71-009639 Fusco, A. C. and Brooks, D. R. A NEW SPECIES OF /SPIROCAMALLANUS/ OLSEN, 1952 (NEMATODA: CAMALLANIDAE) FROM /TRACHYCORYSTES INSIGNIS/ (STEINDACHNER) (PISCES: DORADIDAE) IN COLOMBIA. *Proc. Helminthol. Soc. Wash.* 45(1):111-114. Jan. 1978. SFA 23(2)

71-009640 Fusco, A. C. and Overstreet, R. M. /ASCAROPHIS DISTORTUS/, A NEW SPIRUROID NEMATODE FROM A CHAETODONTID FISH IN THE NORTHERN RED SEA. *Proc. Biol. Soc. Wash.* 91(2):374-378. 29 Aug. 1978. SFA 23(4)

71-009641 Fusco, A. C. and Overstreet, R. M. /SPIROCAMALLANUS CRICOTUS/ SP. N. AND /S. HALITROPHUS/ SP. N. (NEMATODA: CAMALLANIDAE) FROM FISHES IN THE NORTHERN GULF OF MEXICO. *J. Parasitol.* 64 (2): 239-244. Apr. 1978. SFA 23(3)

71-009642 Fusco, A. C. and Overstreet, R. M. TWO CAMALLANID NEMATODES FROM RED SEA FISHES INCLUDING /PROCAMALLANUS ELATENSIS/ SP. NOV. FROM SIGANIDS. *J. Nat. Hist.* 13 (1): 35-40. Jan.-Feb. 1979. SFA 24(2)

71-009643 Fustish, C. A. and Millemann, R. E. GLOCHIDIOSIS OF SALMONID FISHES. II. COMPARISON OF TISSUE RESPONSE OF COHO AND CHINOOK SALMON TO EXPERIMENTAL INFECTION WITH /MARGARITIFERA MARGARITIFERA/ (L.) (PELECYPODA: MARGARITANIDAE). *J. Parasitol.* 64(1):155-157. Feb. 1978. SFA 23(3)

71-009644 Gayevskaya, A. V. and Kovaljova, A. A. [MONOGENEANS FROM THE ATLANTIC HORSE MACKERELS OF THE GENUS /TRACHURUS/.] *Zool. Zh.* 58(8):1110-1116. Aug. 1979. In Russian with English summ. SFA 25(1)

71-009645 Ghichenok, L. A. [MONOGENEANS FROM FLYING FISHES OF THE GENUS /EXOCOETUS/ (BELONIFORMES) FROM THE INDIAN AND PACIFIC OCEANS.] *Zool. Zh.* 58(7):958-968. July 1979. In Russian with English summ. SFA 25(1)

71-009646 Ghittino, P. L'ASCITE DELLA CIECA (/ANGUILLA ANGUILLA/) D'ALLEVAMENTO DA DEGENERAZIONE LIPOIDEA EPATICA. [DROPSY IN REARED ELVERS (/ANGUILLA ANGUILLA/) LINKED WITH LIVER LIPOID DEGENERATION.] *Riv. It. Piscic. Ittiop.* 13 (4): 97-100. Oct.-Nov.-Dec. 1978. In Italian with English summ. SFA 24(2)

71-009647 Ghittino, P.; Andruetto, S. and Vigliani, E. L'AMEBIASI DELLA TROTA IRIDEA D'ALLEVAMENTO. [THE AMEBIASIS OF HATCHERY RAINBOW TROUT.] *Riv. It. Piscic. Ittiop.* 12(3):74-89. July-Aug.-Sept. 1977. In Italian with English summ. SFA 23(1)

71-009648 Ghittino, P.; E. Beccaria and A. Ferrari. CASO DI ASCITE INFETTIVA DELLA CARPA MODERNAMENTE DIAGNOSTICATO ANCHE IN ITALIA. [COMMENTS ON A CASE REPORT OF CARP INFECTIOUS DROPSY DIAGNOSED IN ITALY ALSO BY MODERN METHODS.] *Riv. It. Piscic. Ittiop.* 15(1):1-4. Jan.-Feb.-Mar. 1980. In Italian with English summ. SFA 25(3)

71-009649 Gibson, D. I. and R. A. Bray. *CIRKENNEDYA PORLOCKENSIS*, A NEW GENUS AND SPECIES OF DIGENEAN FROM THE SUNFISH *MOLA MOLA* (L.). *J. Helminthol.* 53(3):245-250. Sept. 1979. SFA 25(2)

71-009650 Gibson, D. I. and Bray, R. A. THE AZYGIIDAE, HIRUDINELLIDAE, PTYCHOGONIMIDAE, SCLERODISTOMIDAE AND SYNCOELIIDAE (DIGENEA) OF FISHES FROM THE NORTHEAST ATLANTIC. *Bull. Br. Mus. (Nat. Hist.) Zool.* 32 (6): 167-245. 24 Nov. 1977. SFA 23(3)

71-009651 Gillespie, D. C. and Evans, R. E. COMPOSITION OF GRANULES FROM KIDNEYS OF RAINBOW TROUT (/SALMO GAIRDNERI/) WITH NEPHROCALCINOSIS. *J. Fish Res. Board Can.* 36 (6): 683-685. June 1979. In English with French summ. SFA 24(4)

71-009652 Goil, M. M. and R. P. Harpur. A COMPARISON OF THE NON-SPECIFIC ACID PHOSPHOMONOESTERASE ACTIVITY IN THE LARVA OF *PHOCANEMA DECIPIENS* (NEMATODA) WITH THAT OF THE MUSCLE OF ITS HOST THE CODFISH (*GADUS MORHUA*). *Z. Parasitenkd.* 60(2):177-183. 1979. SFA 25(2)

71-009653 Goven, B. A.; J. P. Gilbert and J. B. Gratzek. APPARENT DRUG RESISTANCE TO THE ORGANOPHOSPHATE DIMETHYL (2,2,2-TRICHLORO-1-HYDROXYETHYL) PHOSPHONATE BY MONOGENETIC TREMATODES. *J. Wildl. Dis.* 16(3):343-346. July 1980. SFA 25(4)

71-009654 Greer, G. J. LIFE HISTORY STUDIES OF THREE DIGENETIC TREMATODES (DIGENEA: CRYPTOGONIMIDAE). *Ph.D. dissertation, La. State Univ. Agric. Mech. Coll.* 61p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3081. Jan. 1978. SFA 23(3)

71-009655 Griffiths, W. E. /HEDRURIS SPINIGERA/ (NEMATODA: SPIRURIDAE) IN STOMACHS OF PERCH /PERCA FLUVIATILIS/ L. *N.Z. J. Freshwater Res.* 10(3):533-536. Sept. 1976. SFA 22(1)

71-009656 Grimes, L. R. and Miller, G. C. SEASONAL PERIODICITY OF THREE SPECIES OF CARYOPHYLLAEID CESTODES IN THE CREEK CHUBSUCKER, /ERIMYZON OBLONGUS/ (MITCHILL), IN NORTH CAROLINA. *J. Parasitol.* 62(3):434-441. June 1976. SFA 22(3)

71-009657 Grimes, L. R. and Miller, G. C. CARYOPHYLLAEID CESTODES IN THE CREEK CHUBSUCKER, /ERIMYZON OBLONGUS/ (MITCHILL), IN NORTH CAROLINA. *J. Parasitol.* 61(5):973-974. Oct. 1975. SFA 22(3)

71-009658 Gupta, N. K. and Kumari, A. ON ONE ALREADY KNOWN BUCEPHALID TREMATODE FROM /XENENTODEN CANCILA/ (A FRESH-WATER FISH) FROM ROPAR (PUNJAB, INDIA). *Res. Bull. Panjab Univ. Sci.* 24(3,4):113-116. Dec. 1973. SFA 24(1)

71-009659 Gupta, N. K. and Miglani, A. DIGENETIC TREMATODES FROM MARINE FOOD FISHES AND WILD DUCKS OF PORT BLAIR (ANDAMAN AND NICOBAR ISLANDS) INDIA. *Rev. Iber. Parasitol.* 36(3-4):219-248. July-Dec. 1976. In English with Spanish summ. SFA 22(3)

71-009660 Gupta, N. K. and Chanana, A. STUDIES ON SOME MONOGENETIC TREMATODES OF MARINE FISHES FROM LACCADIVE ISLANDS, CALICUT AND OTHER PLACES IN INDIA. PART II. *Rev. Iber. Parasitol.* 36(3-4):277-296. July-Dec. 1976. In English with Spanish summ. SFA 22(3)

71-009661 Gupta, N. K. and Chanana, A. STUDIES ON SOME MONOGENETIC TREMATODES OF MARINE FISHES FROM LACCADIVE ISLANDS, CALICUT AND OTHER PLACES IN INDIA. PART I. *Rev. Iber. Parasitol.* 36(3-4):267-275. July-Dec. 1976. In English with Spanish summ. SFA 22(3)

71-009662 Gupta, N. K. and Garg, V. K. ON TWO NEW SPIRUROID NEMATODES FROM MARINE FOOD FISHES IN INDIA. *Rev. Iber. Parasitol.* 36(3-4):181-188. July-Dec. 1976. In English with Spanish summ. SFA 22(3)

71-009663 Gupta, S. P. and Gupta, R. C. FREE AMINO ACID COMPOSITION OF /OPISTHORCHIS PEDICELLATA/ (TREMATODA) FROM THE GALL-BLADDER OF A FRESH WATER FISH, /RITA RITA/ (HAM.). *Z. Parasitenkd.* 54(1):83-87. 13 Dec. 1977. SFA 23(2)

71-009664 Haller, R. D. and R. J. Roberts. DUAL NEOPLASIA IN A SPECIMEN OF *SAROTHERODON SPILURUS SPILURUS* (GÜNTHER) (= *TILAPIA SPILURUS*). *J. Fish Dis.* 3(1):63-66. Jan. 1980. SFA 25(2)

71-009665 Hanan, D. A. A NEW SPECIES OF CYCLOPOID COPEPOD, PARASITIC ON SHINER SURFPERCH, /CYMATOGASTER AGGREGATA/ GIBBONS, IN ANAHEIM BAY AND HUNTINGTON HARBOR, CALIFORNIA, WITH NOTES ON /BOMOLOCHUS CUNEATUS/ FRASER AND /ERGASILUS LIZAE/ KROYER. *Bull. South. Calif. Acad. Sci.* 75(1):22-28. May 1976. SFA 22(2)

71-009666 Hanek, G. and Fernando, C. H. SEASONAL DYNAMICS AND SPATIAL DISTRIBUTION OF /UROCLEIDUS FEROX/ MUELLER 1934, A GILL PARASITE OF /LEPOMIS GIBBOSUS/ (L.). *Can. J. Zool.* 56(6):1241-1243. June 1978. In English with French summ. SFA 23(4)

71-009667 Hanek, G. and Fernando, C. H. SEASONAL DYNAMICS AND SPATIAL DISTRIBUTION OF /CLEIDODISCUS STENTOR/ MUELLER 1937 AND /ERGASILUS CENTRARCHIDARUM/ WRIGHT 1882, GILL PARASITES OF /AMBLOPLITES RUPESTRIS/ (RAF.). *Can. J. Zool.* 56(6):1244-1246. June 1978. In English with French summ. SFA 23(4)

71-009668 Hanek, G.; Molnar, K. and Fernando, C. H. NEW AND PREVIOUSLY KNOWN /DACTYLOGYRUS/ SPP. FROM SOUTHERN ONTARIO FISHES. *J. Parasitol.* 61(3):421-426. June 1975. SFA 22(3)

71-009669 Hanson, A. W. /DICLIDOPHORA EMBIOTOCAE/ SP. N. (MONOGENEA, DICLIDOPHORIDAE), A PARASITE OF EMBIOTOCID FISHES OF OREGON. *J. Parasitol.* 65(3):457-459. June 1979. SFA 25(1)

71-009670 Hard, G. C.; R. Williams and J. Lee. HISTOPATHOLOGY OF SUPERFICIAL FISH 'TUMOURS' FOUND DURING A CANCER SURVEY OF DEMERSAL SPECIES IN PORT PHILIP BAY, VICTORIA, AUSTRALIA. *J. Fish Dis.* 2(6):455-467. Nov. 1979. SFA 25(2)

71-009671 Hard, G. C.; Williams, R. and Lee, J. SURVEY OF DEMERSAL FISH IN PORT PHILLIP BAY FOR INCIDENCE OF NEOPLASIA. *Aust. J. Mar. Freshwater Res.* 30 (1): 73-79. Feb. 1979. SFA 24(4)

71-009672 Hardisty, M. W. CYSTS AND TUMOUR-LIKE LESIONS IN THE ENDOCRINE PANCREAS OF THE LAMPREY (/LAMPETRA FLUVIATILIS/). *J. Zool. (Lond.)* 178(3):305-317. Mar. 1976. SFA 22(3)

71-009673 Harrell, L. W. GALLBLADDER LESIONS IN CULTURED PACIFIC SALMON. *NOAA Fish. Bull.* 75(4):884-887. Oct. 1977. SFA 23(2)

71-009674 Harrison, J. G. and R. H. Richards. THE PATHOLOGY AND HISTOPATHOLOGY OF NEPHROCALCINOSIS IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARSON IN FRESH WATER. *J. Fish Dis.* 2(1):1-12. Jan. 1979. SFA 25(2)

71-009675 Hauck, A. K. and May, E. B. HISTOPATHOLOGIC ALTERATIONS ASSOCIATED WITH /ANISAKIS/ LARVAE IN PACIFIC HERRING FROM OREGON. *J. Wildl. Dis.* 13(3):290-293. July 1977. SFA 22(4)

71-009676 Hauck, A. K. OCCURRENCE AND SURVIVAL OF THE LARVAL NEMATODE /ANISAKIS/ SP. IN THE FLESH OF FRESH, FROZEN, BRINED, AND SMOKED PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/. *J. Parasitol.* 63 (3): 515-519. June 1977. SFA 24(2)

71-009677 Hayunga, E. G. OBSERVATIONS ON THE INTESTINAL PATHOLOGY CAUSED BY THREE CARYOPHYLLID TAPEWORMS OF THE WHITE SUCKER *CATOSTOMUS COMMERSONI* Lacépedè. *J. Fish Dis.* 2(3):239-248. May 1979. SFA 25(2)

71-009678 Hayunga, E. G. TWO ATYPICAL LESIONS FROM WHITE SUCKERS *CATOSTOMUS COMMERSONI* LACÉPÈDE INFECTED BY CARYOPHYLLID TAPEWORMS. *J. Fish Dis.* 3(2):167-172. Mar. 1980. SFA 25(3)

71-009679 Hayunga, E. G. and Grey, A. J. /CYSTOBRANCHUS MEYERI/ SP. N. (HIRUDINEA: PISCICOLIDAE) FROM /CATOSTOMUS COMMERSONI/ LACEPEDE IN NORTH AMERICA. *J. Parasitol.* 62(4):621-627. Aug. 1976. SFA 22(2)

71-009680 Hazen, T. C. and Esch, G. W. OBSERVATIONS ON THE ECOLOGY OF /CLINOSTOMUM MARGINATUM/ IN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *J. Fish Biol.* 12(5):411-420. May 1978. SFA 23(4)

71-009681 Heckmann, R. A. and Palmieri, J. R. THE EYE FLUKE DISEASE (DIPLOSTOMATOSIS) IN FISHES FROM UTAH. *Great Basin Nat.* 38(4):473-477. 31 Dec. 1978. SFA 24(3)

71-009682 Heinz, M. L. and Dailey, M. D. THE TRYPANORHYNCHA (CESTODA) OF ELASMOBRANCH FISHES FROM SOUTHERN CALIFORNIA AND NORTHERN MEXICO. *Proc. Helminthol. Soc. Wash.* 41(2):161-169. July 1974. SFA 22(3)

71-009683 Henderson-Arzapalo, A.; R. R. Stickney and D. H. Lewis. IMMUNE HYPERSENSITIVITY IN INTENSIVELY CULTURED *TILAPIA* SPECIES. *Trans. Am. Fish. Soc.* 109(2):244-247. Mar. 1980. SFA 25(2)

71-009684 Hendrickson, G. L. /ORNITHODEPLOSTOMUM PTYCHOCHEIUS/: MIGRATION TO THE BRAIN OF THE FISH INTERMEDIATE HOST, /PIMEPHALES PROMELAS/. *Exp. Parasitol.* 48(2):245-258. Oct. 1979. SFA 25(1)

71-009685 Hendrickson, G. L. OBSERVATIONS ON STRIGEOID TREMATODES FROM THE EYES OF SOUTHEASTERN WYOMING FISH. I. /DIPLOSTOMULUM SPATHACEUM/ (RUDOLPHI, 1819). *Proc. Helminthol. Soc. Wash.* 45(1):60-64. Jan. 1978. SFA 23(2)

71-009686 Hendrickson, G. L. OBSERVATIONS ON STRIGEOID TREMATODES FROM THE EYES OF SOUTHEASTERN WYOMING FISH. II. /DIPLOSTOMULUM SCHEURINGI/ HUGHES, 1929; /NEASCUS PTYCHOCHEILUS/ (FAUST, 1917); AND OTHER TYPES. *Proc. Helminthol. Soc. Wash.* 45(1):64-68. Jan. 1978. SFA 23(2)

71-009687 Hendrix, S. S. and Overstreet, R. M. MARINE ASPIDOGASTRIDS (TREMATODA) FROM FISHES IN THE NORTHERN GULF OF MEXICO. *J. Parasitol.* 63(5):810-817. Oct. 1977. SFA 23(1)

71-009688 Henricson, J. THE DYNAMICS OF INFECTION OF /DIPHYLLOBOTHRIUM DENDRITICUM/ (NITZSCH) AND /D. DITREMUM/ (CREPLIN) IN THE CHAR /SALVELINUS ALPINUS/(L.) IN SWEDEN. *J. Fish Biol.* 13(1):51-71. July 1978. SFA 23(4)

71-009689 Henricson, J. THE ABUNDANCE AND DISTRIBUTION OF /DIPHYLLOBOTHRIUM DENDRITICUM/ (NITZSCH) AND /D. DITREMUM/ (CREPLIN) IN THE CHAR /SALVELINUS ALPINUS/ (L.) IN SWEDEN. *J. Fish Biol.* 11(3):231-248. Sept. 1977. SFA 23(1)

71-009690 Heufelder, G. R. and P. J. Schneeberger. OCCURRENCE OF THE ACANTHOCEPHALAN *LEPTORHYNCOIDES THECATUS* IN SLIMY SCULPINS--A NEW HOST RECORD. *Trans. Am. Fish. Soc.* 109(1):142-144. Jan. 1980. SFA 25(2)

71-009691 Hewitt, G. C. EIGHT SPECIES OF PARASITIC COPEPODA ON A WHITE SHARK. *N.Z. J. Mar. Freshwater Res.* 13(1):171. 1979. SFA 25(1)

71-009692 Hewitt, G. C. /ABERGASILUS AMPLEXUS/ GEN. ET SP. NOV. (ERGASILIDAE; PARASITIC COPEPODA) FROM FISHES IN LAKE ELLESMERE, NEW ZEALAND. *N.Z. J. Mar. Freshwater Res.* 12(2):173-177. June 1978. SFA 24(3)

71-009693 Hewitt, G. C. NEW NAME FOR SOME /CONGERICOLA/ (PARASITIC COPEPODA) FROM NEW ZEALAND CONGER EELS. *N.Z. J. Mar. Freshwater Res.* 9(4):563-565. Dec. 1975. SFA 21(3).

71-009694 Hinton, D. E.; Jones, R. T. and Herman, R. L. GLOMERULAR MESANGIAL FIBROSIS IN HATCHERY-REARED RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33(11):2551-2559. Nov. 1976. In English with French summ. SFA 21(4).

71-009695 Ho, J. and Dojiri, M. A NEW SPECIES OF /HATSCHEKIA/ (COPEPODA: DICHELESTHIIDAE) PARASITIC ON LEOPARD CORAL TROUT IN THE GREAT BARRIER REEF, AUSTRALIA. *J. Parasitol.* 64(4):727-730. Aug. 1978. SFA 24(1)

71-009696 Ho, J.-S. and Bashirullah, A. K. M. TWO SPECIES OF CALIGID COPEPODS (CRUSTACEA) PARASITIC ON MARINE FISHES OF VENEZUELA, WITH DISCUSSION OF /METACALIGUS/ THOMSEN, 1949. *J. Nat. Hist.* 11(6):703-714. Nov.-Dec. 1977. SFA 23(1)

71-009697 Ho, J.-S. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. COPEPODA: CYCLOPOIDS PARASITIC ON FISHES. *NOAA Tech. Rep. NMFS Circ.* 409. iii + 12p. Feb. 1978. SFA 23(3)

71-009698 Ho, J.-S. MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. COPEPODA: LERNAEOPODIDAE AND SPHYRIIDAE. *NOAA Tech. Rep. NMFS Circ.* 406. iii + 14p. Dec. 1977. SFA 23(2)

71-009699 Ho, J.-S. PARASITIC COPEPODS OF THE FAMILY CHONDRACANTHIDAE FROM FISHES OF THE SOUTH-EASTERN PACIFIC (CRUSTACEA, COPEPODA). *Steenstrupia* 4 (13): 157-165. 12 Dec. 1977. SFA 23(3)

71-009700 Hoffman, G. L. ASIAN TAPEWORM, *BOTHRIOCEPHALUS ACHEILOGNATHI* YAMAGUTI, 1934, IN NORTH AMERICA. *Fisch. Umwelt* 8:69-75. 1980. SFA 25(2)

71-009701 Hoffman, G. L. /ARGULUS/, A BRANCHIURAN PARASITE OF FRESHWATER FISHES. *U.S. Fish Wildl. Serv. Fish. Dis. Leafl.* 49. 9p. 1977. SFA 22(3)

71-009702 Hoffman, G. L. COPEPOD PARASITES OF FRESHWATER FISH: /ERGASILUS/, /ACHTHERES/, AND /SALMINCOLA/. *U.S. Fish Wildl. Serv. Fish. Dis. Leafl.* 48. 10p. 1977. SFA 22(3)

71-009703 Hogan, T. M. and Williams, B. S. OCCURRENCE OF THE GILL PARASITE /ERGASILUS LABRACIS/ ON STRIPED BASS, WHITE PERCH AND TOMCOD IN THE HUDSON RIVER. *N.Y. Fish Game J.* 23(1):97. Jan. 1976. SFA 21(1).

71-009704 Holloway, H. L., Jr. and Smith, C. E. MUSCULAR NECROSIS OF /STIZOSTEDION VITREUM/ IN NORTH DAKOTA. *Am. Zool.* 18(3):611. 1978. Abstract only. SFA 24(2)

71-009705 Huffman, D. G. and Kliever, R. G. /ECHINORHYNCHUS CANYONENSIS/ SP. N. (ACANTHOCEPHALA) FROM /MAYNEA CALIFORNICA/ (OSTEICHTHYES: ZOARCIDAE) FROM THE MONTEREY SUBMARINE CANYON, CALIFORNIA. *Proc. Helminthol. Soc. Wash.* 44(2):171-176. July 1977. SFA 22(4)

71-009706 Imada, R. and Muroga, K. [/PSEUDODACTYLOGYRUS MICROCHIS/ (MONOGENEA) ON THE GILLS OF CULTURED EELS--I. SEASONAL CHANGES IN ABUNDANCE.] *Bull. Jpn. Soc. Sci. Fish.* 43(12):1397-1401. Dec. 1977. In Japanese with English summ. SFA 23(2)

71-009707 Imada, R. and Muroga, K. [/PSEUDODACTYLOGYRUS MICRORCHIS/ (MONOGENEA) ON THE GILLS OF CULTURED EELS--II OVIPOSITION, HATCHING AND DEVELOPMENT ON THE HOST.] *Bull. Jpn. Soc. Sci. Fish.* 44(6):571-576. June 1978. In Japanese with English summ. SFA 23(4)

71-009708 Imada, R. and Muroga, K. [/PSEUDODACTYLOGYRUS MICRORCHIS/ (MONOGENEA) ON THE GILLS OF CULTURED EELS--III. EXPERIMENTAL CONTROL BY TRICHLORFON.] *Bull. Jpn. Soc. Sci. Fish.* 45(1):25-29. Jan. 1979. In Japanese with English summ. SFA 24(3)

71-009709 Isaacson, P. A. THEORETICAL CONSIDERATION OF THE CAUSE OF GAS-BUBBLE DISEASE IN FISH IN A HEATED EFFLUENT. *N.Y. Fish Game J.* 24(1):95. Jan. 1977. SFA 22(2)

71-009710 Ishikawa, T. and Takayama, S. IMPORTANCE OF HEPATIC NEOPLASMS IN LOWER VERTEBRATE ANIMALS AS A TOOL IN CANCER RESEARCH. *J. Toxicol. Environ. Health* 5 (2-3): 537-550. Mar.-May 1979. SFA 24(4)

71-009711 Iwama, G. K. "ONE-EYE", A DISEASE OF RAINBOW TROUT (*SALMO GAIRDNERI*) AT THE KOOTENAY TROUT HATCHERY, BRITISH COLUMBIA. *British Columbia Minist. Recreation Conserv. Fish. Manage. Rep.* No. 42. 11p. 1979. SFA 25(2)

71-009712 Izawa, K. A NEW SPECIES OF /PERODERMA/ HELLER (CALIGOIDA: LERNAEOCERIDAE), PARASITIC ON THE FISH /BREGMACEROS JAPONICUS/ TANAKA. *Pac. Sci.* 31 (3): 253-258. July 1977. SFA 23(4)

71-009713 Jensen, L. A. /PARABOTHRIOCEPHALUS SAGITTICEPS/ (SLEGGS 1927) COMB. N. (CESTODA: PARABOTHRIOCEPHALIDAE) FROM /SEBASTES PAUCISPINIS/ OF SOUTHERN AND CENTRAL CALIFORNIA. *J. Parasitol.* 62(4):560-562. Aug. 1976. SFA 22(2)

71-009714 Jensen, L. A. and Heckmann, R. A. /ANANTRUM HISTOCEPHALUM/ SP. N. (CESTODA: BOTHRIOCEPHALIDAE) FROM /SYNODUS LUCIOCEPS/ (SYNODONTIDAE) OF SOUTHERN CALIFORNIA. *J. Parasitol.* 63 (3): 471-472. June 1977. SFA 24(2)

71-009715 Jilek, R. and Price, R. /BOTHRIOCEPHALUS CUSPIDATUS/ COOPER, 1917 (CESTODA: BOTHRIOCEPHALIDAE) IN /DOROSOMA CEPEDIANUM/ FROM TWO ILLINOIS LAKES. *Can. J. Zool.* 56(11):2456-2457. Nov. 1978. SFA 24(2)

71-009716 Jilek, R. HISTOPATHOLOGY DUE TO THE PRESENCE OF /GRACILISENTIS GRACILISENTIS/ IN /DOROSOMA CEPEDIANUM/ (LE SUEUR). *J. Fish Biol.* 14(6):593-595. June 1979. SFA 24(4)

71-009717 Johansson, N. A TYPE OF GILL HYPERPLASIA IN ATLANTIC SALMON (/SALMO SALAR/ L.) REARED IN COLD WATER. *Zoon* 5 (1): 39-50. 1977. SFA 23(4)

71-009718 Johnsen, B. O. THE EFFECT OF AN ATTACK BY THE PARASITE /GYRODACTYLUS SALARIS/ ON THE POPULATION OF SALMON PARR IN THE RIVER LAKSELVA, MISVAER IN NORTHERN NORWAY. *Astarte* 11(1):7-9. 1978. SFA 24(2)

71-009719 Johnson, E. C. A COMPARISON OF HELMINTH PARASITES OF THE SUNFISH FAMILY (CENTRARCHIDAE) IN THREE MICHIGAN LAKES. *J. Ala. Acad. Sci.* 48(3):64. July 1977. SFA 23(1)

71-009720 Jones, D. and Lewis, D. H. GAS BUBBLE DISEASE IN FRY OF CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Prog. Fish-Cult.* 38(1):41. Jan. 1976. SFA 21(1).

71-009721 Jones, J. B. and Hine, P. M. A NEW SPECIES OF /MUGILICOLA/ PARASITIC ON SOUTH AFRICAN ELVERS (COPEPODA, THERODAMASIDAE). *Zool. Afr.* 13 (2): 213-219. 1978. SFA 24(2)

71-009722 Joy, J. E. and Price, W. W. /MACROVALVITREMATOIDES MICROPOGONI/ (PEARSE, 1949) (MONOGENEA: DICLIDOPHOROIDEA) ON THE ATLANTIC CROAKER, /MICROPOGON UNDULATUS/ (LINNAEUS) FROM TEXAS. *Proc. Helminthol. Soc. Wash.* 43(1):90-91. Jan. 1976. SFA 22(3)

71-009723 Kabata, Z. and Wilkes, S. N. /PENICULUS ASINUS/ (COPEPODA: PENNELLIDAE), A NEW SPECIES OF COPEPOD PARASITIC ON FISHES OF THE GENUS /SEBASTES/ ALONG THE WEST COAST OF NORTH AMERICA. *Can. J. Zool.* 55(12):1988-1991. Dec. 1977. In English with French summ. SFA 23(2)

71-009724 Kabata, Z. and Cousens, B. HOST-PARASITE RELATIONSHIPS BEWTEEN SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, AND /SALMINCOLA CALIFORNIENSIS/ (COPEPODA: LERNAEOPODIDAE). *J. Fish. Res. Board Can.* 34(2):191-202. Feb. 1977. In English with French summ. SFA 22(3)

71-009725 Kabata, Z. EARLY STAGES OF SOME COPEPODS (CRUSTACEA) PARASITIC ON MARINE FISHES OF BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 33(11):2507-2525. Nov. 1976. In English with French summ. SFA 21(4).

71-009726 Kahn, R. A. and Meyer, M. C. EVIDENCE OF A BI-ANNUAL LIFE CYCLE IN THE MARINE LEECH /OCEANOBDELLA SEXOCULATA/ (HIRUDINEA: PISCICOLIDAE). *J. Parasitol.* 64(4):766-768. Aug. 1978. SFA 24(1)

71-009727 Kawatsu, H. STUDIES ON THE ANEMIA OF FISH. IX. HYPOCHROMIC MICROCYTIC ANEMIA OF CRUCIAN CARP CAUSED BY INFESTATION WITH A TREMATODE, /DIPLOZOON NIPPONICUM/. *Bull. Jpn. Soc. Sci. Fish.* 44(12):1315-1319. Dec. 1978. SFA 24(2)

71-009728 Kayton, R. J.; Kritsky, D. C. and Tobias, R. C. /RHABDOCHONA CATOSTOMI/ SP. N. (NEMATODA: RHABDOCHONIDAE) FROM THE INTESTINE OF /CATOSTOMUS/ SPP. (CATOSTOMIDAE). *Proc. Helminthol. Soc. Wash.* 46(2):224-227. July 1979. SFA 24(4)

71-009729 Kazic, D. ENDOHELMINTHS OF SALMONIDA FROM THE ARTIFICIAL LAKE PIVA, MONTENEGRO, YUGOSLAVIA. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2154-2158. 1978. SFA 24(4)

71-009730 Kearn, G. C. EARLY DEVELOPMENT AND MICROHABITAT OF THE MONOGENEAN /HORRICAUDA RHINOBATIDIS/, WITH OBSERVATIONS ON THE RELATED /TROGLOCEPHALUS RHINOBATIDIS/, FROM /RHINOBATOS BATILLUM/ FROM QUEENSLAND, AUSTRALIA. *Int. J. Parasitol.* 8(4):305-311. Aug. 1978. SFA 24(2)

71-009731 Keith, J. H. and L. M. Gray. A PRELIMINARY STUDY OF THE OCCURRENCE OF BROKEN BACK SYNDROME IN NORTHERN CAVEFISH (*AMBLYOPSIS SPELAEA* DEKAY) AT SPRING MILL STATE PARK, MITCHELL, INDIANA. *Proc. Indiana Acad. Sci.* 88:163. 1979. Abstract only. SFA 25(3)

71-009732 Kelle, W. UNTERSCHIEDLICH STARKER PARASITENBEFALL DER WITTLINGE /MERLANGIUS MERLANGUS/ DES NEUWERKER FAHRWASSERS IM SOMMER 1974. [THE DIFFERENT INFESTATION BY PARASITES TO /MERLANGIUS MERLANGUS/ OF THE NEUWERKER FAHRAWASSER (ELBE, ESTUARY) IN SUMMER 1974.] *Arch. Fischereiwiss.* 28(1):65-68. July 1977. In German with English summ. SFA 23(1)

71-009733 Kennedy, C. R. THE DISTRIBUTION AND BIOLOGY OF THE CESTODE /EUBOTHRIUM PARVUM/ IN CAPELIN, /MALLOTUS VILLOSUS/, (PALLAS) IN THE BARENTS SEA, AND ITS USE AS A BIOLOGICAL TAG. *J. Fish Biol.* 15(2):223-236. Aug. 1979. SFA 25(1)

71-009734 Kennedy, C. R. and Burrough, R. THE POPULATION BIOLOGY OF TWO SPECIES OF EYEFLUKE, /DIPLOSTOMUM GASTEROSTEI/ AND /TYLODELPHYS CLAVATA/, IN PERCH. *J. Fish Biol.* 11(6):619-633. Dec. 1977. SFA 23(2)

71-009735 Kennedy, C. R. STUDIES ON THE BIOLOGY OF /EUBOTHRIUM SALVELINI/ AND /E. CRASSUM/ IN RESIDENT AND MIGRATORY /SALVELINUS ALPINUS/ AND /SALMO TRUTTA/ AND IN /S. SALAR/ IN NORTH NORWAY AND THE ISLANDS OF SPITSBERGEN AND JAN MAYEN. *J. Fish Biol.* 12(2):147-162. Feb. 1978. SFA 23(3)

71-009736 Kennedy, C. R. THE BIOLOGY, SPECIFICITY AND HABITAT OF THE SPECIES OF /EUBOTHRIUM/ (CESTODA: PSEUDOPHYLLIDEA), WITH REFERENCE TO THEIR USE AS BIOLOGICAL TAGS: A REVIEW. *J. Fish Biol.* 12 (5): 393-410. May 1978. SFA 23(4)

71-009737 Kennedy, C. R. and Rumpus, A. LONG-TERM CHANGES IN THE SIZE OF THE /POMPHORHYNCHUS LAEVIS/ (ACANTHOCEPHALA) POPULATION IN THE RIVER AVON. *J. Fish Biol.* 10(1):35-42. Jan. 1977. SFA 22(3)

71-009738 Kennedy, C. R. and Lie, S. F. THE DISTRIBUTION AND PATHOGENICITY OF LARVAE OF /EUSTRONGYLIDES/ (NEMATODA) IN BROWN TROUT /SALMO TRUTTA/ L. IN FERNWORTHY RESERVOIR, DEVON. *J. Fish Biol.* 8(4):293-302. Apr. 1976. SFA 22(1)

71-009739 Kennedy, C. R.; Broughton, P. F. and Hine, P. M. THE STATUS OF BROWN AND RAINBOW TROUT, /SALMO TRUTTA/ AND /S. GAIRDNERI/ AS HOSTS OF THE ACANTHOCEPHALAN, /POMPHORHYNCHUS LAEVIS/. *J. Fish Biol.* 13(2):265-275. Aug. 1978. SFA 24(1)

71-009740 Keppner, E. J. LIFE CYCLE OF /SPINITECTUS MICRACANTHUS/ CHRISTIAN, 1972 (NEMATODA: RHABDOCHONIDAE) FROM THE BLUEGILL, /LEPOMIS MACROCHIRUS/ RAFINESQUE, IN MISSOURI WITH A NORE ON /SPINITECTUS GRACILIS/ WARD AND MAGATH, 1917. *Am. Midl. Nat.* 93(2):411-423. Apr. 1975. SFA 21(1).

71-009741 Khalifa, K. A. and Post, G. HISTOPATHOLOGICAL EFFECT OF /LERNAEA CYPRINACEA/ (A COPEPOD PARASITE) ON FISH. *Prog. Fish-Cult.* 38(2):110-113. Apr. 1976. SFA 21(3).

71-009742 Khalil, L. F. /GYROMETRA KUNDUCHI/ N. SP., A CESTODARIAN FROM /PLECTORHINCHUS PICTUS/ (THUNBERG, 1792) FROM THE INDIAN OCEAN. *J. Fish Biol.* 11(1):15-19. July 1977. SFA 22(4)

71-009743 Knuckles, J. L. /LEPOMIS MACROCHIRUS/ RAFINESQUE, A NEW HOST FOR /ARGULUS MACULOSUS/ WILSON. *J. Parasitol.* 63(2):383. Apr. 1977. SFA 22(3)

71-009744 Ko, R. C. /ECHINOCEPHALUS SINENSIS/ N. SP. (NEMATODA: GNATHOSTOMATIDAE) FROM THE RAY (/AETABATUS FALGELLUM/) IN HONG KONG, SOUTHERN CHINA. *Can. J. Zool.* 53(4):490-500. Apr. 1975. In English with French summ. SFA 22(1)

71-009745 Korting, W. LARVAL DEVELOPMENT OF /BOTHRIOCEPHALUS/ SP. (CESTODA: PSEUDOPHYLLIDEA) FROM CARP (/CYPRINUS CARPIO/ L.) IN GERMANY. *J. Fish Biol.* 7(6):727-733. Nov. 1975. SFA 22(2)

71-009746 Kovaljova, A. A. and Gaevskaya, A. V. [TWO NEW SPECIES OF MONOGENEANS, PARASITES OF ANTARCTIC FISHES.] *Zool. Zh.* 56(5):783-786. May 1977. SFA 22(4)

71-009747 Kranz, H.; N. Peters; G. Bresching and H. F. Stich. ON CELL KINETICS IN SKIN TUMOURS OF THE PACIFIC ENGLISH SOLE *PAROPHRYS VETULUS* GIRARD. *J. Fish Dis.* 3(2):125-132. Mar. 1980. SFA 25(3)

71-009748 Kritsky, D. C.; Noble, E. R. and Moser, M. /ALLENCOTYLA PRICEI/ SP. N. (MICROCOTYLOIDEA: HETERAXINIDAE) FROM THE GILLS OF THE PILE SURFPERCH, /DAMALICHTHYS VACCA/ (GIRARD), IN SOUTHERN CALIFORNIA. *J. Parasitol.* 64(1):45-48. Feb. 1978. SFA 23(3)

71-009749 Kritsky, D. C.; Kayton, R. J. and Leiby, P. D. /DACTYLOGYRUS UNGUIFORMIS/ SP. N. (MONOGENEA) FROM THE MOTTLED SCULPIN, /COTTUS BAIRDI/ GIRARD, IN IDAHO, WITH SOME TAXONOMIC CONSIDERATIONS IN THE GENUS /DACTYLOGYRUS/. *Proc. Helminthol. Soc. Wash.* 44(2):141-147. July 1977. SFA 22(4)

71-009750 Kruse, G. O. W. TREMATODES OF MARINE FISHES FROM SOUTH AUSTRALIA. 4. *HARVEYTREMA BISULCATUM* GEN. ET SP. N. (LEPOCREADIIDAE). *J. Parasitol.* 65(6):918-920. Dec. 1979. SFA 25(2)

71-009751 Kruse, G. O. W. TREMATODES OF MARINE FISHES FROM SOUTH AUSTRALIA. 6. *MONOSTEPHANOSTOMUM MANTERI* GEN. ET SP. N. (ACANTHOCOLPIDAE). *J. Parasitol.* 65(6):921-923. Dec. 1979. SFA 25(2)

71-009752 Kruse, G. O. W. TREMATODES OF MARINE FISHES FROM SOUTH AUSTRALIA. 1. /PARANEOCREADIUM AUSTRALIENSE/ GEN. T. SP. N. (LEPOCREADIIDAE). *J. Parasitol.* 64(3):398-400. June 1978. SFA 23(4)

71-009753 Kruse, G. O. W. SOME DIGENETIC TREMATODES FROM FISHES OF THE BERING SEA WITH THE DESCRIPTIONS OF /PROSORHYNCHUS MIZELLEI/ SP. N. (BUCEPHALIDAE) AND /PSEUDOPECOELUS NOSSAMANI/ SP. N. (/OPECOELIDAE). *Proc. Helminthol. Soc. Wash.* 44(1):73-76. Jan. 1977. SFA 22(3)

71-009754 Kuzia, E. J. STUDIES ON THE LIFE HISTORY, SEASONAL PERIODICITY AND HISTOPATHOLOGY OF /DICHELYNE BULLOCKI/ STROMBERG AND CRITES (NEMATODA:CUCULLANIDAE) A PARASITE OF /FUNDULUS HETEROCLITUS/ (L.). *Ph.D. dissertation, Univ. N.H.* 104p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3193. Jan. 1979. SFA 24(2)

71-009755 Lambert, A. DEVELOPPEMENT LARVAIRE ET POST-LARVAIRE D'/ERGENSTREMA MUGILIS/ PAPERNA, 1964 (MONOGENE, ANCYROCEPHALIDAE) PARASITE DE /LIZA RAMADA/ (RISSO, 1826) (TELEOSTEEN, MUGILIDAE). [LARVAL AND POST-LARVAL DEVELOPMENT OF /ERGENSTREMA MUGILIS/ PAPERNA, 1964 (MONOGENEA, ANCYROCEPHALIDAE) PARASITE OF /LIZA RAMADA/ (RISSO, 1826) (TELEOSTEI, MUGILIDAE).] *Z. Parasitenkd.* 52(3):229-240. 1977. In French with English summ. SFA 23(1)

71-009756 Lambert, A. L'ONCOMIRACIDIUM D'/ANCYROCEPHALUS PARADOXUS/ CREPLIN, 1839 (MONOGENEA, MONOPISTHOCOTYLEA) PARASITE DE /SANDER LUCIOPERCA/ (TELEOSTEEN, PERCIDAE). [THE ONCOMIRACIDIUM OF /ANCYROCEPHALUS PARADOXUS/ CREPLIN, 1839 (/MONOGENEA/, /MONOPISTHOCOTYLEA/) PARASITE OF /SANDER LUCIOPERCA/ (TELEOSTEAN, /PERCIDAE/).] *Ann. Parasitol. Hum. Comp.* 52(5):493-505. Sept.-Oct. 1977. In French with English summ. SFA 23(2)

71-009757 Lankester, M. W. and J. D. Smith. HOST SPECIFICITY AND DISTRIBUTION OF THE SWIM-BLADDER NEMATODES, *CYSTIDICOLA FARIONIS* FISCHER, 1798 AND *C. CRISTIVOMERI* WHITE, 1941 (HABRONEMATOIDEA), IN SALMONID FISHES OF ONTARIO. *Can. J. Zool.* 58(7):1298-1305. July 1980. In English with French summ. SFA 25(4)

71-009758 Lee, R. F. LIPIDS OF PARASITIC COPEPODS ASSOCIATED WITH MARINE FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 52(3):363-364. Nov. 1975. SFA 22(1)

71-009759 Lester, R. J. G. DESCRIPTIONS OF TWO NEW DIDYMOZOIDS FROM AUSTRALIAN FISHES. *J. Parasitol.* 65(6):904-908. Dec. 1979. SFA 25(2)

71-009760 Lester, R. J. G. and Daniels, B. A. THE EOSINOPHILIC CELL OF THE WHITE SUCKER, /CATOSTOMUS COMMERSONI/. *J. Fish. Res. Board Can.* 33(1):139-144. Jan. 1976. In English with French summ. SFA 21(1).

71-009761 Lester, R. J. G. AN ESTIMATE OF THE MORTALITY IN A POPULATION OF /PERCA FLAVESCENS/ OWING TO THE TREMATODE /DIPLOSTOMUM ADAMSI/. *Can. J. Zool.* 55(2):288-292. Feb. 1977. In English with French summ. SFA 22(4)

71-009762 Lester, R. J. G. and Huizinga, H. W. /DIPLOSTOMUM ADAMSI/ SP. N.: DESCRIPTION, LIFE CYCLE, AND PATHOGENESIS IN THE RETINA OF /PERCA FLAVESCENS/. *Can. J. Zool.* 55(1):64-73. Jan. 1977. In English with French summ. SFA 22(4)

71-009763 Lindsay, J. A. and Moran, R. L. RELATIONSHIPS OF PARASITIC ISOPODS /LIRONECA OVALIS/ AND /OLENCIRA PRAEGUSTATOR/ TO MARINE FISH HOSTS IN DELAWARE BAY. *Trans. Am. Fish. Soc.* 105(2):327-332. Mar. 1976. SFA 21(2).

71-009764 Llewellyn, J.; S. MacDonald and J. E. Green. HOST-SPECIFICITY AND SPECIATION IN DICLIDOPHORAN (MONOGENEAN) GILL PARASITES OF TRISOPTERAN (GADOID) FISHES AT PLYMOUTH. *J. Mar. Biol. Assoc. UK* 60(1):73-79. Feb. 1980. SFA 25(2)

71-009765 Lopez-Roman, R. and Guevara-Pozo, D. /TROCHOPELLA CANDIDA/ EUZET Y TRILLES, 1962 Y /WINKENTHUGHESIA BRAMAE/ PARONA Y PERUGIA, 1896) BYCHOWSKY, 1957 (MONOGENEA) PARASITOS DE PECES MARINOS DEL MAR DE ALBORAN. [/TROCHOPELLA CANDIDA/ EUZET AND TRILLES, 1962 AND /WINKENTHUGHESIA BRAMAE/ (PARONA AND PERUGIA, 1896) BYCHOWSKY, 1957 (MONOGENEA) PARASITES OF MARINE FISHES OF THE ALBORAN SEA.] *Rev. Iber. Parasitol.* 36(1-2):139-146. Jan.-June 1976. In Spanish with English summ. SFA 22(3)

71-009766 Lopez-Roman, R. and Guevara-Pozo, D. /CYCLOCOTYLA BELLONES/ OTTO, 1821 (MONOGENEA) PRESENTE EN /MEINERTIA OESTROIDES/ EN CAVIDAD BUCAL DE /BOOPS BOOPS/ EN AGUAS DEL MAR DE ALBORAN. [/CYCLOCOTYLA BELLONES/ OTTO, 1821 (MONOGENEA) FROM /MEINERTIA OESTROIDES/ WITHIN THE BUCCAL CAVITY OF /BOOPS BOOPS/ FROM THE WATERS OF THE ALBORAN SEA.] *Rev. Iber. Parasitol.* 36(1-2):135-138. Jan.-June 1976. In Spanish with English summ. SFA 22(3)

71-009767 Love, P. O.; Ffolliott, P. and Goodwin, J. G. NEMATODE PARASITES IN LARGEMOUTH BASS, PRESA DE NOVILLO RESERVOIR, SONORA, MEXICO. *Southwest. Nat.* 22(4):537-538. 15 Oct. 1977. SFA 23(1)

71-009768 Lubieniecki, B. ASPECTS OF THE BIOLOGY OF THE PLEROCERCOID OF /GRILLOTIA ERINACEUS/ (VAN BENEDEN, 1858) (CESTODA: TRYPANORHYNCHA) IN HADDOCK /MELANOGRAMMUS AEGLEFINUS/ (L.). *J. Fish Biol.* 8(6):431-439. June 1976. SFA 22(1)

71-009769 MacDonald, S. and J. Llewellyn. REPRODUCTION IN *ACANTHOCOTYLE GREENI* N. SP. (MONOGENEA) FROM THE SKIN OF *RAJA* SPP. AT PLYMOUTH. *J. Mar. Biol. Assoc. UK* 60(1):81-88. Feb. 1980. SFA 25(2)

71-009770 MacDonald, S. and Jones, A. EGG-LAYING AND HATCHING RHYTHMS IN THE MONOGENEAN /DIPLOZOON HOMOION GRACILE/ FROM THE SOUTHERN BARBEL (/BARBUS MERIDIONALIS/). *J. Helminthol.* 52(1):23-28. Mar. 1978. SFA 23(3)

71-009771 MacDonald, S. A COMPARATIVE STUDY OF THE STRUCTURE OF THE ONCOMIRACIDIA OF THE MONOGENEAN GILL PARASITES /DICLIDOPHORA MERLANGI/, /D. LUSCAE/ AND /D. DENTICULATA/. *Int. J. Parasitol.* 7(2):113-118. Apr. 1977. SFA 22(4)

71-009772 MacKenzie, K. /RENICOLA/ METACERCARIAE (DIGENEA: RENICOLIDAE) IN CLUPEOID FISH: NEW HOST RECORDS. *J. Fish Biol.* 7(3):359-360. May 1975. SFA 22(2)

71-009773 MacKenzie, K. SOME ASPECTS OF THE BIOLOGY OF THE PLEROCERCOID OF /GILQUINIA SQUALI/ FABRICIUS 1794 (CESTODA: TRYPANORHYNCHA). *J. Fish Biol.* 7(3):321-327. May 1975. SFA 22(2)

71-009774 Mackiewicz, J. S. and Blair, D. BALANOTAENIIDAE FAM. N. AND /BALANOTAENIA NEWGUINENSIS/ SP. N. (CESTOIDEA; CARYOPHYLLIDEA) FROM /TANDANUS/ (SILURIFORMES: PLOTOSIDAE) IN NEW GUINEA. *J. Helminthol.* 52 (3): 199-203. Sept. 1978. SFA 24(1)

71-009775 Mackiewicz, J. S. and Deutsch, W. G. /ROWARDLEUS/ AND /JANISZEWSKELLA/, NEW CARYOPHYLLID GENERA (CESTOIDEA: CARYOPHYLLIDEA) FROM /CARPIODES CYPRINUS/ (CATOSTOMIDAE) IN EASTERN NORTH AMERICA. *Proc. Helminthol. Soc. Wash.* 43(1):9-17. Jan. 1976. SFA 22(3)

71-009776 Madhavi, R. LIFE HISTORY OF *ALLOCREADIUM HANDIAI* PANDE, 1937 (TREMATODA: ALLOCREADIIDAE) FROM THE FRESHWATER FISH *CHANNA PUNCTATA* BLOCH. *Z. Parasitenkd.* 63(1):89-97. Aug. 1980. SFA 25(4)

71-009777 Madhavi, R. LIFE HISTORY OF /ALLOCREADIUM FASCIATUSI/ KAKAJI, 1969 (TREMATODA: ALLOCREADIIDAE) FROM THE FRESHWATER FISH /APLOCHEILUS MELASTIGMA/ MCCLELLAND. *J. Helminthol.* 52(1):51-59. Mar. 1978. SFA 23(3)

71-009778 Madhavi, R. LIFE HISTORY OF /GENARCHOPSIS GOPPO/ OZAKI, 1925 (TREMATODA: HEMIURIDAE) FROM THE FRESHWATER FISH /CHANNA PUNCTATA/. *J. Helminthol.* 52(3):251-259. Sept. 1978. SFA 24(1)

71-009779 Madhavi, R. OBSERVATIONS ON THE OCCURRENCE OF /ALLOCREADIUM FACIATUSI/ IN /APLOCHEILUS MELASTIGMA/. *J. Fish Biol.* 14(1):47-58. Jan. 1979. SFA 24(2)

71-009780 Mahajan, C. L.; N. K. Agrawal; M. J. John and V. P. Katta. EFFECT OF THE DIGENEAN *ISOPARORCHIS HYPSELOBAGRI* (BILLET, 1898) ON AN AIRBREATHING FISH *CHANNA PUNCTATUS* (BLOCH) WITH PARTICULAR REFERENCE TO BIOCHEMICAL AND HAEMATOLOGICAL CHANGES. *J. Fish Dis.* 2(6):519-528. Nov. 1979. SFA 25(2)

71-009781 Mahon, R. EFFECT OF THE CESTODE /LIGULA INTESTINALIS/ ON SPOTTAIL SHINERS, /NOTROPIS HUDSONIUS/. *Can. J. Zool.* 54(12):2227-2229. Dec. 1976. In English with French summ. SFA 22(1)

71-009782 Malmberg, G. THE EXCRETORY SYSTEMS AND THE MARGINAL HOOKS AS A BASIS FOR THE SYSTEMATICS OF /GYRODACTYLUS/ (TREMATODA, MONOGENEA). *Ark. Zool.* 23(1):1-235. 1974. SFA 21(4).

71-009783 Malvestuto, S. P. and Ogambo-Ongoma, A. OBSERVATIONS ON THE INFECTION OF /TILAPIA LEUCOSTICTA/ (PISCES: CICHLIDAE) WITH /CONTRACAECUM/ (NEMATODA: HETEROCHEILIDAE) IN LAKE NAIVASHA, KENYA. *J. Parasitol.* 64 (2): 383-384. Apr. 1978. SFA 23(3)

71-009784 Mamaev, Yu. L. and Zubchenko, A. W. [TWO NEW GENERA OF HIGHER MONOGENEANS FROM THE NORTH ATLANTIC.] *Zool. Zh.* 57 (8): 1131-1139. Aug. 1978. In Russian with English summ. SFA 24(1)

71-009785 Margolis, L. PUBLIC HEALTH ASPECTS OF "CODWORM" INFECTION: A REVIEW. *J. Fish. Res. Board Can.* 34(7):887-898. July 1977. In English with French Summ. SFA 22(4)

71-009786 Margolis, L.; Moravec, F. and McDonald, T. E. /RHABDOCHONA KISUTCHI/ SP. NOV. (NEMATODA: SPIRUROIDEA) FROM COHO SALMON, /ONCORHYNCHUS KISUTCH/ (WALBAUM), OF WESTERN CANADA. *Can. J. Zool.* 53(7):960-966. July 1975. In English with French summ. SFA 22(1)

71-009787 Markewitch, A. P. PARASITIC COPEPODS ON THE FISHES OF THE USSR. *Izdat. Akad. Nauk Ukrain. SSR, Kiev* 445p. 1956. SFA 22(2)

71-009788 Martin, W. E. /PLETHORCHIS ACANTHUS/ GEN. ET SP. N. (TREMATODA: SANGUINICOLIDAE) IN MULLET, /MUGIL CEPHALUS/ L., FROM QUEENSLAND, AUSTRALIA. *Proc. Helminthol. Soc. Wash.* 42(2):79-82. July 1975. SFA 22(3)

71-009789 Martin, W. E. DIGENETIC TREMATODES OF THE MARINE FISH, /GIRELLA NIGRICANS/ (AYRES), FROM SOUTHERN CALIFORNIA WITH THE DESCRIPTION OF TWO NEW SPECIES. *Proc. Helminthol. Soc. Wash.* 45 (2): 175-181. July 1978. SFA 23(4)

71-009790 Matsudo, H. and Chamberlain, D. W. NOTES ON MYCOPLASMA-LIKE ORGANISMS IN SKIN TUMORS OF DOVER SOLE, /MICROSTOMUS PACIFICUS/, TAKEN NEAR SEWAGE OUTFALLS. *Bull. South. Calif. Acad. Sci.* 75(3):270-273. 20 Nov. 1976. SFA 22(2)

71-009791 Mattison, J. A STUDY OF MONOGENETIC TREMATODES PARASITIC ON CONESUS LAKE FISH. *Proc. Rochester Acad. Sci. Inc.* 13 (1): 34. Oct. 1976. Abstract only. SFA 24(1)

71-009792 Mayes, M. A. /PROTEOCEPHALUS BUPLANENSIS/ SP. N. (CESTODA: PROTEOCEPHALIDAE) FROM THE CREEK CHUB, /SEMOTILUS ATROMACULATUS/ (MITCHILL), IN NEBRASKA. *Proc. Helminthol. Soc. Wash.* 43(1):34-37. Jan. 1976. SFA 22(3)

71-009793 Mayes, M. A. and Miller, G. C. /CLEIDODISCUS EKTYPHUS/ SP. N. FROM THE ROANOKE BASS, /AMBLOPLITES CAVIFRONS/ COPE, AND OTHER ANCYROCEPHALINAE (TREMATODA: MONOGENEA) FROM SOME NORTH CAROLINA CENTRARCHID FISHES. *Proc. Helminthol. Soc. Wash.* 42(2):146-149. July 1975. SFA 22(3)

71-009794 Mayes, M. A. and Brooks, D. R. /GYRODACTYLUS PLOTOSI/ N. SP. (TREMATODA: MONOGENEA) FROM THE SILURID FISH /PLOTOSUS LINEATUS/ FROM THE PHILIPPINES. *Trans. Am. Microsc. Soc.* 96(1):143-145. Jan. 1977. SFA 22(3)

71-009795 Mayes, M. A. and Johnson, C. A. III. A NEW SPECIES OF /UROCLEIDUS/ (TREMATODA: MONOGENEA) FROM GILLS OF THE WHITE PERCH, /MORONE AMERICANA/ (GMELIN). *J. Parasitol.* 61(6):1050-1052. Dec. 1975. SFA 22(3)

71-009796 Mayes, M. A. NEW SPECIES OF /GYRODACTYLUS/ AND /DACTYLOGYRUS/ (TREMATODA: MONOGENEA) FROM FISHES OF NEBRASKA. *J. Parasitol.* 63(5):805-809. Oct. 1977. SFA 23(1)

71-009797 Mayes, M. A. THE ADULT PLATYHELMINTH PARASITES OF NEBRASKA FISHES. *Ph.D. dissertation, Univ. Nebr. (Lincoln)* 229p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(1):98. July 1977. SFA 24(1)

71-009798 Mayes, M. A.; Brooks, D. R. and Thorson, T. B. TWO NEW SPECIES OF /ACANTHOBOTHRIUM/ VAN BENEDEN 1849 (CESTOIDEA: TETRAPHYLLIDEA) FROM FRESHWATER STINGRAYS IN SOUTH AMERICA. *J. Parasitol.* 64 (5): 838-841. Oct. 1978. SFA 24(2)

71-009799 McArthur, C. P. HUMORAL ANTIBODY PRODUCTION BY NEW ZEALAND EELS, AGAINST THE INTESTINAL TREMATODE *TELOGASTER OPISTHORCHIS* MACFARLANE, 1945. *J. Fish Dis.* 1(4):377-387. Oct. 1978. SFA 25(2)

71-009800 McCain, B. B.; Pierce, K. V.; Wellings, S. R. and Miller, B. S. HEPATOMAS IN MARINE FISH FROM AN URBAN ESTUARY. *Bull. Environ. Contam. Toxicol.* 18(1):1-2. July 1977. SFA 22(4)

71-009801 McKnight, I. J. SARCOMA OF THE SWIM BLADDER OF ATLANTIC SALMON (/SALMO SALAR/ L.). *Aquaculture* 13 (1): 55-60. Jan. 1978. SFA 23(3)

71-009802 McVicar, A. H. THE DISTRIBUTION OF CESTODES WITHIN THE SPIRAL INTESTINE OF /RAJA NAEVUS/ MULLER & HENLE. *Int. J. Parasitol.* 9(3):165-176. 1979. SFA 25(1)

71-009803 McVicar, A. H. and P. G. White. FIN AND SKIN NECROSIS OF CULTIVATED DOVER SOLE *SOLEA SOLEA* (L.). *J. Fish Dis.* 2(6):557-562. Nov. 1979. SFA 25(2)

71-009804 Meakins, R. H. and Walkey, M. THE EFFECTS OF PARASITISM BY THE PLEROCERCOID OF /SCHISTOCEPHALUS SOLIDUS/ MULLER 1776 (PSEUDOPHYLLIDEA) ON THE RESPIRATION OF THE THREE-SPINED STICKLEBACK /GASTEROSTEUS ACULEATUS/ L. *J. Fish Biol.* 7(6):817-824. Nov. 1975. SFA 22(2)

71-009805 Meyers, T. R.; R. E. Millemann and C. A. Fustish. GLOCHIDIOSIS OF SALMONID FISHES. IV. HUMORAL AND TISSUE RESPONSES OF COHO AND CHINOOK SALMON TO EXPERIMENTAL INFECTION WITH *MARGARITIFERA MARGARITIFERA* (L.) (PELECYPODA: MARGARITANIDAE). *J. Parasitol.* 66(2):274-281. Apr. 1980. SFA 25(3)

71-009806 Miller, R. L. THE BIOLOGY OF TWO SPECIES OF /ECHINORHYNCHUS/ (ACANTHOCEPHALA) FROM MARINE FISHES IN OREGON. *Ph.D. dissertation, Oreg. State Univ.* 118p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(1):99. July 1977. SFA 24(1)

71-009807 Mills, C. A. ATTACHMENT AND FEEDING OF THE ADULT ECTOPARASITIC DIGENEAN *TRANSVERSOTREMA PATIALENSE* (SOPARKAR, 1924) ON THE ZEBRA FISH *BRACHYDANIO RERIO* (HAMILTON-BUCHANAN). *J. Fish Dis.* 2(5):443-447. Sept. 1979. SFA 25(2)

71-009808 Mills, C. A.; Anderson, R. M. and Whitfield, P. J. DENSITY-DEPENDENT SURVIVAL AND REPRODUCTION WITHIN POPULATIONS OF THE ECTOPARASITIC DIGENEAN /TRANSVERSOTREMA PATIALENSE/ ON THE FISH HOST. *J. Anim. Ecol.* 48(2):383-399. June 1979. SFA 24(4)

71-009809 Minchew, C. D. THE OCCURRENCE OF A "COILED" /METAMICROCOTYLA MACRACANTHA/ ON THE GILLS OF THE MULLET, /MUGIL CEPHALUS/. *Proc. Helminthol. Soc. Wash.* 44(1):106. Jan. 1977. SFA 22(3)

71-009810 Moccia, R. D.; Leatherland, J. F. and Sonstegard, R. A. INCREASING FREQUENCY OF THYROID GOITERS IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) IN THE GREAT LAKES. *Science* 198(4315):425-426. 28 Oct. 1977. SFA 23(1)

71-009811 Mokhayer, B. THE TREATMENT OF BOTHRIOCEPHALOSIS IN GRASS CARP. *Riv. It. Piscic. Ittiop.* 11(4):119-121. Oct.-Nov.-Dec. 1976. In English and Italian. SFA 22(3)

71-009812 Molnar, K. and Ghittino, P. SOME MONOGENOIDEA IN FISHES FROM THE RIVER PO AND FISH FARMS IN ITALY. *Riv. It. Piscic. Ittiop.* 12(4):109-111. Oct.-Nov.-Dec. 1977. In English and Italian. SFA 23(2)

71-009813 Moser, M. and Taylor, S. EFFECTS OF THE COPEPOD /CARDIODECTES MEDUSAEUS/ ON THE LATERNFISH /STENOBRACHIUS LEUCOPSARUS/ WITH NOTES ON HYPERCASTRATION BY THE HYDROID /HYDRICHTHYS/ SP. *Can. J. Zool.* 56(11):2372-2376. Nov. 1978. In English with French summ. SFA 24(2)

71-009814 Mudry, D. R. and McCart, P. J. METAZOAN PARASITES OF ARCTIC CHAR (/SALVELINUS ALPINUS/) FROM THE NORTH SLOPE OF CANADA AND ALASKA. *J. Fish. Res. Board Can.* 33(2):271-275. Feb. 1976. In English with French summ. SFA 21(1).

71-009815 Muroga, K.; T. Yoshimatsu and S. Kasahara. *UROCLEIDUS FEROX* (MONOGENEA: DACTYLOGYRIDAE) FROM BLUEGILL SUNFISH IN JAPAN. *Bull. Jpn. Soc. Sci. Fish.* 46(1):27-30. Jan. 1980. SFA 25(2)

71-009816 Murray, A. B.; Nance, W. S. and Tarter, D. C. THE OCCURRENCE OF THE LEECH /PISCICOLARIA REDUCTA/ ON /ETHEOSTOMA BLENNIOIDES/ FROM WEST VIRGINIA. *Trans. Am. Microsc. Soc.* 96(3):412. July 1977. SFA 22(4)

71-009817 Muzzall, P. M. ECOLOGY AND SEASONAL ABUNDANCE OF THREE ACANTHOCEPHALAN SPECIES INFECTING WHITE SUCKERS IN SE NEW HAMPSHIRE. *J. Parasitol.* 66(1):127-133. Feb. 1980. SFA 25(3)

71-009818 Muzzall, P. M. SEASONAL DISTRIBUTION AND ECOLOGY OF THREE CARYOPHYLLAEID CESTODE SPECIES INFECTING WHITE SUCKERS IN SE NEW HAMPSHIRE. *J. Parasitol.* 66(3):542-550. June 1980. SFA 25(4)

71-009819 Muzzall, P. M. POPULATION BIOLOGY AND HOST-PARASITE RELATIONSHIPS OF *TRIGANODISTOMUM ATTENUATUM* (TREMATODA: LISSORCHIIDAE) INFECTING THE WHITE SUCKER, *CATOSTOMUS COMMERSONI* (LACÉPÈDE). *J. Parasitol.* 66(2):293-298. Apr. 1980. SFA 25(3)

71-009820 Muzzall, P. M. and Bullock, W. L. SEASONAL OCCURRENCE AND HOST-PARASITE RELATIONSHIPS OF /NEOECHINORHYNCHUS SAGINATUS/ VAN CLEAVE AND BANGHAM 1949 IN THE FALLFISH, /SEMOTILUS CORPORALIS/ (MITCHILL). *J. Parasitol.* 64(5):860-865. Oct. 1978. SFA 24(2)

71-009821 Muzzall, P. M. STUDIES ON THE POPULATION BIOLOGY, HOST-PARASITE RELATIONSHIPS, AND COMMUNITY DIVERSITY OF SEVERAL ENDOHELMINTHS INFECTING THE WHITE SUCKER, /CATOSTOMUS COMMERSONI/ (LACEPEDE), FROM THE BELLAMY AND OYSTER RIVERS, NEW HAMPSHIRE. *Ph.D. dissertation, Univ. N.H.* 179p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5277. May 1979. SFA 24(3)

71-009822 Muzzall, P. M. and Rabalais, F. C. AN ABERRANT ASSOCIATION BETWEEN /PORTEOCEPHALUS/ SP. AND /ACANTHOCEPHALUS JACKSONI/. *Am. Midl. Nat.* 94(1):240-241. July 1975. SFA 21(1).

71-009823 Muzzall, P. M. and Rabalais, F. C. STUDIES ON /ACANTHOCEPHALUS JACKSONI/ BULLOCK, 1962 (ACANTHOCEPHALA: ECHINORHYNCHIDAE). II. AN ANALYSIS OF THE HOST-PARASITE RELATIONSHIP OF LARVAL /ACANTHOCEPHALUS JACKSONI/ IN /LIRCEUS LINEATUS/ (SAY). *Proc. Helminthol. Soc. Wash.* 42(1):35-38. Jan. 1975. SFA 22(3)

71-009824 Muzzall, P. M. and Rabalais, F. C. STUDIES ON /ACANTHOCEPHALUS JACKSONI/ BULLOCK, 1962 (ACANTHOCEPHALA: ECHINORHYNCHIDAE). I. SEASONAL PERIODICITY AND NEW HOST RECORDS. *Proc. Helminthol. Soc. Wash.* 42(1):31-34. Jan. 1975. SFA 22(3)

71-009825 Muzzall, P. M. and Rabalais, F. C. STUDIES ON /ACANTHOCEPHALUS JACKSONI/ BULLOCK, 1962 (ACANTHOCEPHALA: ECHINORHYNCHIDAE). III. THE ALTERED BEHAVIOR OF /LIRCEUS LINEATUS/ (SAY) INFECTED WITH CYSTACANTHS OF /ACANTHOCEPHALUS JACKSONI/. *Proc. Helminthol. Soc. Wash.* 42(2):116-118. July 1975. SFA 22(3)

71-009826 Nagel, M. NEW DISTRIBUTIONAL RECORDS FOR PISCICOLID LEECHES IN OKLAHOMA. *J. Parasitol.* 62(3):494-495. June 1976. SFA 22(3)

71-009827 Nammalwar, P. A NOTE ON HYPEROSTOSIS IN THE PERCH *POMADASYS HASTA* (BLOCH). *Indian J. Fish.* 23(1/2):247-249. 1976. SFA 25(2)

71-009828 Narasimhamurti, C.; C. Kalavati and B. Saratchandra. *MYXOSOMA MICROSPORA* N. SP. (MYXOSPORIDIA: PROTOZOA) PARASITIC IN THE GILLS OF *MUGIL CEPHALUS* L. *J. Fish Biol.* 16(4):345-348. Apr. 1980. SFA 25(3)

71-009829 Natarajan, P. and Nair, N. B. EFFECTS OF INFESTATION BY /LERNAEENICUS HEMIRHAMPHI/ KIRTISINGHE ON THE BIOCHEMICAL COMPOSITION OF THE HOST FISH /HEMIRHAMPHUS XANTHOPTERUS/ (VAL.). *J. Anim. Morphol. Physiol.* 23(1,2):25-31. June-Dec. 1976. SFA 22(3)

71-009830 Nebeker, A. V. and Brett, J. R. EFFECTS OF AIR-SUPERSATURATED WATER ON SURVIVAL OF PACIFIC SALMON AND STEELHEAD SMOLTS. *Trans. Am. Fish. Soc.* 105(2):338-342. Mar. 1976. SFA 21(2).

71-009831 Nebeker, A. V.; Andros, J. D.; McCrady, J. K. and Stevens, D. G. SURVIVAL OF STEELHEAD TROUT (/SALMO GAIRDNERI/) EGGS, EMBRYOS, AND FRY IN AIR-SUPERSATURATED WATER. *J. Fish. Res. Board Can.* 35(2):261-264. Feb. 1978. In English with French summ. SFA 23(2)

71-009832 Nebeker, A. V.; Stevens, D. G. and Baker, R. J. SURVIVAL OF SALMON SMOLTS IN SEA WATER AFTER EXPOSURE TO AIR-SUPERSATURATED WATER. *Prog. Fish-Cult.* 41 (1): 30-32. Jan. 1979. SFA 24(2)

71-009833 Nebeker, A. V.; Hauck, A. K. and Baker, F. D. TEMPERATURE AND OXYGEN-NITROGEN GAS RATIOS AFFECT FISH SURVIVAL IN AIR-SUPERSATURATED WATER. *Water Res.* 13(3):299-303. 1979. SFA 24(3)

71-009834 Nebeker, A. V.; Stevens, D. G. and Stroud, R. K. EFFECTS OF AIR-SUPERSATURATED WATER ON ADULT SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *J. Fish. Res. Board Can.* 33(11):2629-2633. Nov. 1976. In English with French summ. SFA 21(4).

71-009835 Nebeker, A. V.; Bouck, G. R. and Stevens, D. G. CARBON DIOXIDE AND OXYGEN-NITROGEN RATIOS AS FACTORS AFFECTING SALMON SURVIVAL IN AIR-SUPERSATURATED WATER. *Trans. Am. Fish. Soc.* 105(3):425-429. May 1976. SFA 21(3).

71-009836 Newborg, M. and Miller, D. AN UNUSUAL SPOROZOAN BLOOD PARASITE, NAMED /HAEMATRACTIDIUM SCOMBRI/ HENRY, 1910, FROM THE ATLANTIC MACKEREL, /SCOMBER SCOMBRUS/. *J. Parasitol.* 61(2):264. Apr. 1975. SFA 22(3)

71-009837 Newcomb, T. W. SOME PHYSIOLOGICAL EFFECTS OF TOTAL GAS PRESSURE SUPERSATURATED WATER ON JUVENILE PACIFIC SALMON AND STEELHEAD TROUT: A LABORATORY AND FIELD STUDY. *Ph.D. dissertation, Univ. Wash.* 183p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2157. Nov. 1978. SFA 24(1)

71-009838 Nickol, B. B. and Whittaker, F. H. /NEOECHINORHYNCHUS CYLINDRATUS/ (ACANTHOCEPHALA) FROM THE TROGLODYTIC FISH, /AMBLYOPSIS SPELAEA/, IN KENTUCKY. *Proc. Helminthol. Soc. Wash.* 45(1):136-137. Jan. 1978. SFA 23(2)

71-009839 Norris, D. E. and Overstreet, R. M. /THYNNASCARIS RELIQUENS/ SP. N. AND /T. HABENA/ (LINTON, 1900) (NEMATODA: ASCARIDOIDEA) FROM FISHES IN THE NORTHERN GULF OF MEXICO AND EASTERN U.S. SEABOARD. *J. Parasitol.* 61(2):330-336. Apr. 1975. SFA 22(3)

71-009840 Oetinger, D. F. and Buckner, R. L. /ACANTHOCEPHALUS TAHLEQUAHENSIS/ SP. N. (ACANTHOCEPHALA: ECHINORHYNCHIDAE) FROM THE STIPPLED DARTER, /ETHEOSTOMA PUNCTULATUM (AGASSIZ), IN NORTHEASTERN OKLAHOMA. *J. Parasitol.* 62(2):237-241. Apr. 1976. SFA 22(3)

71-009841 Ogawa, K. and Egusa, S. THE FIRST RECORD OF /DACTYLOGYRUS MINUTUS/ KULWIEC, 1927 (MONOGENEA: DACTYLOGYRIDAE) FROM THE REARED CARP (/CYPRINUS CARPIO/) IN JAPAN. *Bull. Jpn. Soc. Sci. Fish.* 43(9):1029-1034. Sept. 1977. SFA 23(1)

71-009842 Ogawa, K. and Egusa, S. SEVEN SPECIES OF /GYRODACTYLUS/ (MONOGENEA: GYRODACTYLIDAE) FROM /PLECOGLOSSUS ALTIVELIS/ (PLECOGLOSSIDAE), /CYPRINUS CARPIO/ (CYPRINIDAE) /ANGUILLA/ SPP. (ANGUILLIDAE). *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 613-618. June 1978. SFA 23(4)

71-009843 Ogawa, K. and Egusa, S. THREE SPECIES OF /LAMELLODISCUS/ (MONOGENEA: DIPLECTANIDAE) FROM THE GILLS OF THE JAPANESE BLACK SEA BREAM, /ACANTHOPAGRUS SCHLEGELI/ (BLEEKER). *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 607-612. June 1978. SFA 23(4)

71-009844 Ogawa, K. and Egusa, S. TWO NEW SPECIES OF THE GENUS /TETRAONCHUS/ (MONOGENEA: TETRAONCHIDAE) FROM CULTURED /ONCORHYNCHUS MASOU/. *Bull. Jpn. Soc. Sci. Fish.* 44 (4): 305-312. Apr. 1978. SFA 23(4)

71-009845 Ogawa, K. and Egusa, S. /HALIOTREMA KURODAI/ N. SP. (MONOGENEA: DACTYLOGYRIDAE, ANCYROCEPHALINAE), A MONOGEAN PARASITE OBTAINED FROM THE JAPANESE BLACK SEA BREAM, /ACANTHOPAGRUS SCHLEGELI/ (BLEEKER). *Bull. Jpn. Soc. Sci. Fish.* 44(12):1329-1332. Dec. 1978. SFA 24(2)

71-009846 Oishi, K.; Yamazaki, F. and Harada, T. EPIDERMAL PAPILLOMAS OF FLATFISH IN THE COASTAL WATERS OF HOKKAIDO, JAPAN. *J. Fish. Res. Board Can.* 33(9):2011-2017. Sept. 1976. In English with French summ. SFA 21(3).

71-009847 Oliver, G. EFFET PATHOGENE DE LA FIXATION DE /DIPLECTANUM AEQUANS/ (WAGENER, 1857) DIESING, 1858 (MONOGENEA, MONOPISTHOCOTYLEA, DIPLECTANIDAE) SUR LES BRANCHIES DE /DICENTRARCHUS LABRIX/ (LINNAEUS, 1758), (PISCES, SERRANIDAE). [PATHOGENIC EFFECT OF FIXATION OF /DIPLECTANUM AEQUANS/ (WAGENER, 1857) DIESING, 1858 (MONOGENEA, MONOPISTHOCOTYLEA, DIPLECTANIDAE) ON THE GILLS OF /DICENTRARCHUS LABRAX/ (LINNAEUS, 1758) (PISCES, SERRANIDAE).] *Z. Parasitenkd.* 53(1):7-11. 1977. In French with English summ. SFA 23(1)

71-009848 Olsen, T. /PODOCOTYLE ATOMON/ (TREMATODA, DIGENEA) IN /GOBIUS FLAVESCENS/ (PERCOMORPHI, GOBIIDAE). *Sarsia* 61:55-58. Aug. 1976. SFA 21(4)

71-009849 Olson, A. C., Jr. /LEPOCREADIUM MANTERI/ SP. N. (TREMATODA: LEPOCREADIIDAE) FROM THE CALIFORNIA GRUNION, /LEURESTHES TENUIS/, AND ITS HYPERPARASITIC MICROSPORIDAN. *Proc. Helminthol. Soc. Wash.* 45(2):155-157. July 1978. SFA 23(4)

71-009850 Olson, A. C., Jr. METACERCARIA OF /BUCEPHALOPSIS LABIATUS/ (TREMATODA: BUCEPHALIDAE) IN THE CALIFORNIA GRUNION, /LEURESTHES TENUIS/. *J. Parasitol.* 61(1):50. Feb. 1975. SFA 22(3)

71-009851 Olson, A. C., Jr. /ASYMPHYLODORA ATHERINOPSIDIS/ (TREMATODA: MONORCHIIDAE) FROM THE CALIFORNIA GRUNION, /LEURESTHES TENUIS/, INCLUDING A REDESCRIPTION. *J. Parasitol.* 63(2):295-298. Apr. 1977. SFA 22(3)

71-009852 Orias, J. D.; Noble, E. R. and Alderson, G. D. PARASITISM IN SOME EAST ATLANTIC BATHYPELAGIC FISHES WITH A DESCRIPTION OF /LECITHOPHYLLUM IRELANDEUM/ SP. N. (TREMATODA). *J. Parasitol.* 64(1):49-51. Feb. 1978. SFA 23(3)

71-009853 Overstreet, R. M. /POECILANCISTRIUM CARYOPHYLLUM/ AND OTHER TRYPANORHYNCH CESTODE PLEROCERCOIDS FROM THE MUSCULATURE OF /CYNOSCION NEBULOSUS/ AND OTHER SCIAENID FISHES IN THE GULF OF MEXICO. *J. Parasitol.* 63(5):780-789. Oct. 1977. SFA 23(2)

71-009854 Overstreet, R. M. and Pritchard, M. H. TWO NEW ZOOGONID DIGENEA FROM DEEP-SEA FISHES IN THE GULF OF PANAMA. *J. Parasitol.* 63(5):840-844. Oct. 1977. SFA 23(1)

71-009855 Overstreet, R. M. TRYPANORHYNCH INFECTIONS IN THE FLESH OF SCIAENID FISHES. *Mar. Fish. Rev.* 40 (10): 37-38. Oct. 1978. SFA 24(2)

71-009856 Pal, J.; Pal, B. C. and Bannerjee, R. EPITHELIAL CARCINOMA IN /ANABAS TESTUDINEUS/. *J. Fish Biol.* 13 (6): 693-694. Dec. 1978. SFA 24(2)

71-009857 Pal, R. N. TREATMENT OF TUMOURS IN /ANABAS TESTUDINEUS/ (BLOCH). *J. Inland Fish. Soc. India* 8: 105-106. Dec. 1976. SFA 24(3)

71-009858 Palmieri, J. R.; Heckmann, R. A. and Evans, R. S. LIFE HISTORY AND HABITAT ANALYSIS OF THE EYE FLUKE /DIPLOSTOMUM SPATHACEUM/ (TREMATODA: DIPLOSTOMATIDAE) IN UTAH. *J. Parasitol.* 63(3):427-429. June 1977. SFA 24(2)

71-009859 Paperna, I. and Zwerner, D. E. STUDIES OF /ERGASILUS LABRACIS/ KROYER (CYCLOPIDEA: ERGASILIDAE) PARASITIC ON STRIPED BASS, /MORONE SAXATILIS/, FROM THE LOWER CHESAPEAKE BAY. I. DISTRIBUTION, LIFE CYCLE, AND SEASONAL ABUNDANCE. *Can. J. Zool.* 54(4):449-462. Apr. 1976. In English with French summ. SFA 22(1)

71-009860 Paperna, I. LARVAL /CONTRACAECUM/ (NEMATODA, ANISAKIDAE) IN THE PERICARDIUM OF FISHES FROM EAST AFRICAN LAKES. *Proc. Helminthol. Soc. Wash.* 41(2):252. July 1974. SFA 22(3)

71-009861 Paperna, I. SKIN EPITHELIOMA IN THE ELECTRIC CATFISH /MALAPTERURUS ELECTRICUS/ FROM LAKE ALBERT, EAST AFRICA. *Copeia* 1975(2):374-377. 32 May 1975. SFA 21(1).

71-009862 Paperna, I.; I. Sabnai and M. Castel. ULTRASTRUCTURAL STUDY OF EPITHELIOCYSTIS ORGANISMS FROM GILL EPITHELIUM OF THE FISH *SPARUS AURATA* (L.) AND *LIZA RAMADA* (RISSO) AND THEIR RELATION TO THE HOST CELL. *J. Fish Dis.* 1(2):181-189. Apr. 1978. SFA 25(2)

71-009863 Parukhin, A. M. and Lyadov, V. N. [NEW GENUS AND SPECIES OF TREMATODES, FISH PARASITES IN THE SUBANTARCTIC ZONE OF THE INDIAN OCEAN.] *Zool. Zh.* 58 (5): 637-642. May 1979. In Russian with English summ. SFA 24(4)

71-009864 Pascoe, D. and Cram, P. THE EFFECT OF PARASITISM ON THE TOXICITY OF CADMIUM TO THE THREE-SPINED STICKLEBACK, /GASTEROSTEUS ACULEATUS/ L. *J. Fish Biol.* 10(5):467-472. May 1977. SFA 22(3)

71-009865 Pearson, J. C.; Margolis, L. and Boyce, N. P. THE METACERCARIA OF /GALACTOSOMUM PHALACROCORACIS/ (TREMATODA: HETEROPHYIDAE) FROM PINK SALMON, /ONCORHYNCHUS GORBUSCHA/, FROM BRITISH COLUMBIA WATERS. *Can. J. Zool.* 56(10):2235-2238. Oct. 1978. In English with French summ. SFA 24(1)

71-009866 Pennington, C. H. ERGASILID COPEPODS PARASITIC ON CATFISH OF SOUTHEASTERN LOUISIANA. *Proc. La. Acad. Sci.* 40:14-16. 1977. SFA 23(2)

71-009867 Peters, G. and N. Peters. THE INFLUENCE OF SALINITY ON GROWTH AND STRUCUTRE OF EPIDERMAL PAPILLOMAS OF THE EUROPEAN EEL *ANGUILLA ANGUILLA* L. *J. Fish. Dis.* 2(1):13-26. Jan. 1979. SFA 25(2)

71-009868 Peters, G. SEASONAL FLUCTUATIONS IN THE INCIDENCE OF EPIDERMAL PAPILLOMAS OF THE EUROPEAN EEL /ANGUILLA ANGUILLA/ L. *J. Fish Biol.* 7(4):415-422. July 1975. SFA 22(2)

71-009869 Peters, G. THE PAPILLOMATOSIS OF THE EUROPEAN EEL (/ANGUILLA ANGUILLA/ L.): ANALYSIS OF SEASONAL FLUCTUATIONS IN THE TUMOR INCIDENCE. *Arch. Fischereiwiss.* 27(3):251-263. Mar. 1977. In English with German summ. SFA 22(3)

71-009870 Peters, N.; Peters, G.; Stich, H. F.; Acton, A. B. and Bresching, G. ON DIFFERENCES IN SKIN TUMOURS OF PACIFIC AND ATLANTIC FLATFISH. *J. Fish Dis.* 1 (1): 3-25. Jan. 1978. SFA 23(3)

71-009871 Piavis, G. W.; T. Beckerman and J. H. Howell. TERATOID LESIONS AND OTHER DEVELOPMENTAL ANOMALIES IN THE SEA LAMPREY, *PETROMYZON MARINUS* L. *J. Fish Dis.* 2(5):353-366. Sept. 1979. SFA 25(2)

71-009872 Pierce, K. V.; B. B. McCain and S. R. Wellings. HISTOPATHOLOGY OF ABNORMAL LIVERS AND OTHER ORGANS OF STARRY FLOUNDER *PLATICHTHYS STELLATUS* (PALLAS) FROM THE ESTUARY OF THE DUWAMISH RIVER, SEATTLE, WASHINGTON, U.S.A. *J. Fish Dis.* 3(2):81-91. Mar. 1980. SFA 25(3)

71-009873 Pippy, J. H. C. LARVAL /ANISAKIS SIMPLEX/ IN ATLANTIC SALMON (/SALMO SALAR/) AND THEIR VALUE AS BIOLOGICAL INDICATORS. *Ph.D. dissertation, Univ. Guelph* 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-009874 Poston, H. A.; Riis, R. C.; Rumsey, G. L. and Ketola, H. G. NUTRITIONALLY INDUCED CATARACTS IN SALMONIDS FED PURIFIED AND PRACTICAL DIETS. *Mar. Fish. Rev.* 40 (10): 45-46. Oct. 1978. SFA 24(2)

71-009875 Prabha, C. and Pillai, N. K. /PSEUDECHETUS FIMBRIATUS/ GEN. ET SP. NOV., A CALIGID COPEPOD FROM KERALA COASTAL WATERS. *Parasitology* 79(3):425-429. Dec. 1979. SFA 25(1)

71-009876 Price, W. W. and R. A. Schlueter. OCCURRENCE OF THE PARASITE, *LIRONECA OVALIS* (ISOPODA: CYMOTHOIDAE) ON THE FISHES OF MCKAY BAY, TAMPA BAY SYSTEM, FL. *Fla. Sci.* 43(Suppl. 1):26. 1980. Abstract only. SFA 25(2)

71-009877 Priemer, J. DARMHELMINTHEN VON *PERCA FLUVIATILIS* L. UND *ACERINA CERNUA* (L.) (PISCES) AUS GEWÄSSERN DER BERLINER RANDGEBIETES. [GUT HELMINTHS OF PERCH, *PERCA FLUVIATILIS* L. AND POPE, *ACERINA CERNUA* (L.) (PISCES) FROM LAKES ON THE OUTSKIRTS OF BERLIN.] *Zool. Anz.* 203(3/4):241-253. 1979. In German with English summ. SFA 25(2)

71-009878 Prudhoe, S. and Hussey, C. G. SOME PARASITIC WORMS IN FRESHWATER FISHES AND FISH-PREDATORS FROM THE TRANSVAAL, SOUTH AFRICA. *Zool. Afr.* 12(1):113-147. 1977. SFA 23(1)

71-009879 Pybus, M. J.; Anderson, R. C. and Uhazy, L. S. REDESCRIPTION OF /TRUTTAEDACNITIS STELMIOIDES/ (VESSICHELLI, 1910) (NEMATODA: CUCULLANIDAE) FROM /LAMPETRA LAMOTTENII/ (LESUEUR, 1827). *Proc. Helminthol. Soc. Wash.* 45(2):238-245. July 1978. SFA 23(4)

71-009880 Pybus, M. J.; Uhazy, L. S. and Anderson, R. C. LIFE CYCLE OF /TRUTTAEDACNITIS STELMIOIDES/ (VESSICHELLI, 1910) (NEMATODA: CUCULLANIDAE) IN AMERICAN BROOK LAMPREY (/LAMPETRA LAMOTTENII/). *Can. J. Zool.* 56(6):1420-1429. June 1978. In English with French summ. SFA 23(4)

71-009881 Raibaut, A.; Coste, F. and Hassine, O. K. B. /COLOBOMATUS LABRACIS/ DELAMARE DEBOUTTEVILLE ET NUNES, 1952 (COPEPODA, PHILICHTHYIDAE), PARASITE DU LOUP /DICENTRARCHUS LABRAX/ (LINNE, 1758) EN MEDITERRANEE OCCIDENTALE. [/COLOBOMATUS LABRACIS/ DELAMARE DEBOUTTEVILLE AND NUNES, 1952 (COPEPODA, PHILICHTHYIDAE), A PARASITE OF THE SEA BASS /DICENTRARCHUS LABRAX/ (LINNE, 1758) FROM WESTERN MEDITERRANEAN SEA.] *Z. Parasitenkd.* 59(1):79-85. 1979. In French with English summ. SFA 24(4)

71-009882 Raikova, E. V.; V. C. Suppes and G. L. Hoffman. THE PARASITIC COELENTERATE, *POLYPODIUM HYDRIFORME* USSOV, FROM THE EGGS OF THE AMERICAN ACIPENSERIFORM *POLYODON SPATHULA*. *J. Parasitol.* 65(5):804-810. Oct. 1979. SFA 25(2)

71-009883 Rau, M. E. and Gordon, D. M. A TECHNIQUE FOR THE DEMONSTRATION OF THE METACERCARIAE OF /APATEMON GRACILIS PELLUCIDUS/ (YAMAGUTI, 1933) IN THE DEEP TISSUES OF THE BROOK STICKLEBACK (/CULAEA INCONSTANS/). *Can. J. Zool.* 55(7):1200-1201. July 1977. In English with French summ. SFA 22(4)

71-009884 Rau, M. E.; D. M. Gordon and M. A. Curtis. BILATERAL ASYMMETRY OF *DIPLOSTOMUM* INFECTIONS IN THE EYES OF LAKE WHITEFISH *COREGONUS CLUPEAFORMIS* (MITCHILL) AND A COMPUTER SIMULATION OF THE OBSERVED METACERCARIAL DISTRIBUTION. *J. Fish Dis.* 2(4):291-297. July 1979. SFA 25(2)

71-009885 Rauck, G. STARKER BEFALL DER NORDSEESPROTTEN DURCH DEN PARASITEN /LERNAEENICUS SPRATTAE/ (SOVERBY) UND /L. ENCRASICHOLI/ (TURTON). [NORTH SEA SPRAT INFESTED WITH THE PARASITIC COPEPOD /LERNAEENICUS SPRATTAE/ (SOVERBY) AND /L. ENCRASICHOLI/ (TURTON).] *Arch. Fischereiwiss.* 26(2/3):151-153. Feb. 1976. In German with English summ. SFA 21(4)

71-009886 Rawson, M. V., Jr. POPULATION BIOLOGY OF PARASITES OF STRIPED MULLET, /MUGIL CEPHALUS/ L. I. MONOGENEA. *J. Fish Biol.* 9(2):185-194. Aug. 1976. SFA 22(2)

71-009887 Rawson, M. V., Jr. POPULATION BIOLOGY OF PARASITES OF STRIPED MULLET, /MUGIL CEPHALUS/ L. CRUSTACEA. *J. Fish Biol.* 10(5):441-451. May 1977. SFA 22(3)

71-009888 Rid, L. E. HELMINTH PARASITES OF THE LONG-FINNED EEL, /ANGUILLA DIEFFENBACHII/, AND THE SHORT-FINNED EEL, /A. AUSTRALIS/. *Mauri Ora* 1: 99-106. 1973. SFA 24(2)

71-009889 Riley, D. M. PARASITES OF GRASS CARP AND NATIVE FISHES IN FLORIDA. *Trans. Am. Fish. Soc.* 107(1):207-212. Jan. 1978. SFA 23(3)

71-009890 Roald, S. O. and T. Håstein. LYMPHOSARCOMA IN AN ATLANTIC SALMON *SALMO SALAR* L. *J. Fish Dis.* 2(3):249-251. May 1979. SFA 25(2)

71-009891 Roberts, R. J. and A. M. Bullock. PAPILLOMATOSIS IN MARINE CULTURED RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON. *J. Fish Dis.* 2(1):75-77. Jan. 1979. SFA 25(2)

71-009892 Roberts, R. J. and Hill, B. J. STUDIES ON ULCERATIVE DERMAL NECROSIS OF SALMONIDS. V. THE HISTOPATHOLOGY OF THE CONDITION IN BROWN TROUT (/SALMO TRUTTA/ L.). *J. Fish Biol.* 8(1):89-92. Jan. 1976. SFA 22(1)

71-009893 Roberts, R. J.; R. H. Richards and A. M. Bullock. PANSTEATITIS IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON: A CLINICAL AND HISTOPATHOLOGICAL STUDY. *J. Fish Dis.* 2(2):85-92. Mar. 1979. SFA 25(2)

71-009894 Rogers, W. A. FOUR NEW SPECIES OF /GYRODACTYLUS/ FROM FISHES OF ALABAMA. *J. Parasitol.* 61(1):51-53. Feb. 1975. SFA 22(3)

71-009895 Rohde, K. MONOGENEAN GILL PARASITES OF SOME MARINE FISHES OF PAPUA NEW GUINEA. *Zool. Anz.* 203(1/2):78-94. 1979. In English with German summ. SFA 25(1)

71-009896 Rokicki, J. HELMINTH FAUNA OF FISHES OF THE GDANSK BAY (BALTIC SEA). *Acta Parasitol. Pol.* 23:37-84. Apr. 1975. SFA 21(1).

71-009897 Rollwagen, J. and D. Stainken. ECTOPARASITES AND FEEDING BEHAVIOR OF THE BLACKNOSE DACE, *RHINICHTHYS ATRATULUS* (CYPRINIDAE: CYPRINOFORMES) HERMANN. *Am. Midl. Nat.* 103(1):185-190. Jan. 1980. SFA 25(2)

71-009898 Romestand, B. and Trilles, J.-P. INFLUENCE DES CYMOTHOADIENS /MEINERTIA OESTROIDES/, /MEINERTIA PARALLELA/ ET /ANILOCRA PHYSODES/ (CRUSTACES, ISOPODES; PARASITES DE POISSONS) SUR LA CROISSANCE DES POISSONS HOTES /BOOPS BOOPS/ ET /PAGELLUS ERYTHRINUS/ (SPARIDES). [INFLUENCE OF THE CYMOTHOID ISOPODS /MEINERTIA OESTROIDES/, /MEINERTIA PARALLELA/, AND /ANILOCRA PHYSODES/ (CRUSTACEA; PARASITES OF FISH) ON THE GROWTH OF HOSTS, /BOOPS BOOPS/ AND / PAGELLUS ERYTHRINUS/ (SPARIDEA).] *Z. Parasitenkd.* 59(2):195-202. 1979. In French with English summ. SFA 25(1)

71-009899 Romestand, B. and Trilles, J.-P. DEGENERESCENCE DE LA LANGUE DES BOGUES [(/BOOPS BOOPS/ L., 1758) (TELEOSTEENS, SPARIDAE)] PARASITEES PAR /MEINERTIA OESTROIDES/ (RISSO, 1826) (ISOPODA, FLABELLIFERA, CYMOTHOIDAE). [DEGENERATION OF THE TONGUE OF BOOPS [(/BOOPS BOOPS/ L., 1758) (TELEOST, SPARIDAE)] PARASITIZED BY /MEINERTIA OESTROIDES/ (RISSO, 1826) (ISOPODA, FLABELLIFERA, CYMOTHOIDAE).] *Z. Parasitenkd.* 54(1):47-53. 13 Dec. 1977. In French with English summ. SFA 23(2)

71-009900 Romestand, B. and Trilles, J.-P. INFLUENCE DES CYMOTHOADIENS (CRUSTACEA, ISOPODA, FLABELLIFERA) SUR CERTAINES CONSTANTES HEMATOLOGIQUES DES POISSONS HOTES. [INFLUENCE OF CYMOTHOIDAE (CRUSTACEA, ISOPODA, FLABELLIFERA) ON SOME HEMATOLOGICAL CONSTANTS OF THE HOST-FISHES.] *Z. Parasitenkd.* 52(1):91-95. 1977. In French with English summ. SFA 22(4)

71-009901 Rosen, R. A. and D. C. Hales. OCCURRENCE OF SCARRED PADDLEFISH IN THE MISSOURI RIVER, SOUTH DAKOTA-NEBRASKA. *Prog. Fish-Cult.* 42(2):82-85. Apr. 1980. SFA 25(3)

71-009902 Rousset, V.; Raibaut, A.; Manier, J.-F. and Coste, F. REPRODUCTION ET SEXUALITE DES COPEPODES PARASITES DE POISSONS. I. L'APPAREIL REPRODUCTEUR DE /CHONDRACANTHUS ANGUSTATUS/ HELLER, 1865; ANATOMIE, HISTOLOGIE ET SPERMIOGENESE. [REPRODUCTION AND SEXUALITY OF PARASITIC COPEPODS OF FISHES. I. THE REPRODUCTIVE APPARATUS OF /CHONDRACANTHUS ANGUSTATUS/ HELLER, 1865: ANATOMY, HISTOLOGY, AND SPERMIOGENESIS.] *Z. Parasitenkd.* 55(1):73-89. 1978. In French with English summ. SFA 23(3)

71-009903 Rubertone, J. A. and Hall, J. E. A SURVEY OF FISH PARASITES FROM THE GREENBRIER RIVER. *Proc. Helminthol. Soc. Wash.* 42(1):58-59. Jan. 1975. SFA 22(3)

71-009904 Rumpus, A. E. THE HELMINTH PARASITES OF THE BULLHEAD /COTTUS GOBIO/ (L.) AND THE STONE LOACH /NOEMACHEILUS BARBATULUS/ (L.) FROM THE RIVER AVON, HAMPSHIRE. *J. Fish Biol.* 7(4):469-483. July 1975. SFA 22(2)

71-009905 Russell, L. R. EFFECTS OF *TRUTTAEDACNITIS TRUTTAE* (NEMATODA: CUCULLANIDAE) ON GROWTH AND SWIMMING OF RAINBOW TROUT, *SALMO GAIRDNERI*. *Can. J. Zool.* 58(7):1220-1226. July 1980. In English with French summ. SFA 25(4)

71-009906 Sakaguchi, H. and A. Hamaguchi. [PHYSIOLOGICAL STUDIES ON CULTURED RED SEA BREAM--IV. PREVENTION OF GREEN LIVER AND CHANGES IN PLASMA CONSTITUENTS AND ENZYMATIC ACTIVITIES ON WINTER CULTURING IN WARM WATER.] *Bull. Jpn. Soc. Sci. Fish.* 45(11):1371-1373. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-009907 Samuel, N. ACANTHOCEPHALA OF NEBRASKA FISHES. *Ph.D. dissertation, Univ. Nebr.* 94p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-009908 Samuel, N.; Nickol, B. B. and Mayes, M. A. ACANTHOCEPHALA OF NEBRASKA FISHES. *Am. Midl. Nat.* 96(2):391-406. Oct. 1976. SFA 21(4)

71-009909 Sato, M.; Yoshinaka, R. and Ikeda, S. LATHYRITIC CHANGES IN CARP CAUSES BY BETA-AMINOPROPIONITRILE AND D-PENICILLAMINE. *Bull. Jpn. Soc. Sci. Fish.* 43(3):349-355. Mar. 1977. SFA 22(3)

71-009910 Schell, S. C. THE LIFE HISTORY OF /NEZPERCELLA LEWISI/ SCHELL 1974 (TREMATODA: OPECOELIDAE), A PARASITE OF THE NORTHERN SQUAWFISH, AND THE SMALLMOUTH BASS. *J. Parasitol.* 62(6):894-898. Dec. 1976. SFA 22(2)

71-009911 Schell, S. C. THE LIFE HISTORY OF /PLAGIOPORUS SHAWI/ (MCINTOSH 1939) (TREMATODA: OPECOELIDAE), AN INTESTINAL PARASITE OF SALMONID FISHES. *J. Parasitol.* 61(5):899-905. Oct. 1975. SFA 22(3)

71-009912 Schluter, U. BEOBACHTUNGEN ZUM BEFALL DES WIRTES DURCH DIE KARPFENLAUS /ARGULUS FOLIACEUS/ L. (CRUSTACEA, BRANCHIURA). [OBSERVATIONS ABOUT HOST-ATTACKING BY THE COMMON FISH LOUSE /ARGULUS FOLIACEUS/ L. (CRUSTACEA, BRANCHIURA).] *Zool. Anz.* 200 (1/2): 85-91. 1978. In German with English summ. SFA 23(4)

71-009913 Schmidt, G. D. /PHYLLOBOTHRIUM KINGAE/ SP. N., A TETRAPHYLLIDEAN CESTODE FROM A YELLOW-SPOTTED STINGRAY IN JAMAICA. *Proc. Helminthol. Soc. Wash.* 45(1):132-134. Jan. 1978. SFA 23(2)

71-009914 Schmidt, G. D. and Paperna, I. /SCLEROCOLLUM RUBRIMARIS/ GEN. ET SP. N. (RHADINORHYNCHIDAE: GORGORHYNCHINAE), AND OTHER ACANTHOCEPHALA OF MARINE FISHES FROM ISRAEL. *J. Parasitol.* 64(5):846-850. Oct. 1978. SFA 24(2)

71-009915 Schram, T. A. THE LIFE HISTORY OF THE EYE-MAGGOT OF THE SPRAT, *LERNAEENICUS SPRATTAE* (SOWERBY) (COPEPODA, LERNAEOCERIDAE). *Sarsia* 64(4):279-316. 1979. SFA 25(2)

71-009916 Schwab, M.; Ahuja, M. R. and Anders, F. ELEVATED LEVELS OF LACTATE DEHYDROGENASE IN GENETICALLY CONTROLLED MELANOMA OF XIPHOPHORIN FISH. *Comp. Biochem. Physiol. B Comp. Biochem.* 54(1):197-199. 1976. SFA 22(1)

71-009917 Scott, A. L. and J. M. Grizzle. PATHOLOGY OF CYPRINID FISHES CAUSED BY *BOTHRIOCEPHALUS GOWKONGENSIS* YEA, 1955 (CESTODA: PSEUDOPHYLLIDEA). *J. Fish. Dis.* 2(1):69-73. Jan. 1979. SFA 25(2)

71-009918 Sharma, R. K. and P. K. Sharma. A NEW NEMATODE *NEOCAMALLANUS BAREILLIENSIS* FROM A PISCINE HOST *CHANNA PUNCTATUS* BLOCH. *J. Helminthol.* 54(1):21-23. Mar. 1980. SFA 25(3)

71-009919 Shaw, M. K. THE ULTRASTRUCTURE OF THE CLAMP WALL OF THE MONOGENEAN GILL PARASITE /GASTROCOTYLE TRACHURI/. *Z. Parasitenkd.* 58(3):243-258. 1979. SFA 24(3)

71-009920 Sherwood, M. J. and Mearns, A. J. OCCURRENCE OF TUMOR-BEARING DOVER SOLE (/MICROSTOMUS PACIFICUS/) OFF POINT ARGUELLO, CALIFORNIA AND OFF BAJA CALIFORNIA, MEXICO. *Trans. Am. Fish. Soc.* 105(4):561-563. July 1976. SFA 21(4).

71-009921 Simpson, D. T. and J. L. McGraw, Jr. TWO NEW GENERA OF ASPIDOGASTERIDAE FROM *POGONIAS CROMIS* (L.) FROM THE TEXAS GULF COAST. *Southwest. Nat.* 24(4):557-562. 10 Dec. 1979. SFA 25(2)

71-009922 Sjöblom, V. and E. Kuittinen. FURTHER FINDS OF LARVAE OF *PHOCASCARIS* SP. (NEMATODA) IN BALTIC HERRING OFF THE COAST OF FINLAND. *Finn. Fish. Res.* 2:19-21. 1978. SFA 25(2)

71-009923 Sjöblom, V. and E. Kuittinen. *PHOCASCARIS* SP. (NEMATODA) LARVAE IN BALTIC HERRING, A NEW PARASITE FOR THE BALTIC SEA. *Finn. Fish. Res.* 2:1-3. 1978. SFA 25(2)

71-009924 Sjoblom, V. and Kuittinen, E. FURTHER FINDS OF /PHOCASCARIS/ SP. (NEMATODA) IN BALTIC HERRING OFF THE COAST OF FINLAND. *Int. Counc. Explor. Sea.* C.M. 1978/J:19. 7p. 1978. In English with French summ. SFA 24(3)

71-009925 Sjoblom, V. and Kuittinen, E. PHOCASCARIS SP. (NEMATODA) LARVAE IN BALTIC HERRING, A NEW PARASITE FOR THE BALTIC SEA. *Finn. Fish. Res.* 2:1-3. 1976. SFA 22(3)

71-009926 Skorping, A. POPULATION BIOLOGY OF THE NEMATODE *CAMALLANUS LACUSTRIS* IN PERCH, *PERCA FLUVIATILIS* L., FROM AN OLIGOTROPHIC LAKE IN NORWAY. *J. Fish Biol.* 16(5):483-492. May 1980. SFA 25(4)

71-009927 Smart, G. R.; D. Knox; J. G. Harrison; J. A. Ralph; R. H. Richards and C. B. Cowey. NEPHROCALCINOSIS IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON; THE EFFECT OF EXPOSURE TO ELEVATED CO_2 CONCENTRATIONS. *J. Fish Dis.* 2(4):279-289. July 1979. SFA 25(2)

71-009928 Smith, A. C. and Hartley, F. K. KELOID IN THE GRAY REEF SHARK, /CARCHARHINUS AMBLYRHYNCHOS/. *Pac. Sci.* 30(2):109-112. Apr. 1976. SFA 22(3)

71-009929 Smith, A. C. FORMATION OF LETHAL BLOOD CLOTS IN FISHES. *J. Fish Biol.* 16(1):1-4. Jan. 1980. SFA 25(2)

71-009930 Smith, C. E. THE PREVENTION OF LIVER LIPOID DEGENERATION (CEROIDOSIS) AND MICROCYTIC ANAEMIA IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON FED RANCID DIETS: A PRELIMINARY REPORT. *J. Fish Dis.* 2(5):429-437. Sept. 1979. SFA 25(2)

71-009931 Smith, C. E.; T. H. Peck; R. J. Klauda and J. B. McLaren. HEPATOMAS IN ATLANTIC TOMCOD *MICROGADUS TOMCOD* (WALBAUM) COLLECTED IN THE HUDSON RIVER ESTUARY IN NEW YORK. *J. Fish Dis.* 2(4):313-320. July 1979. SFA 25(2)

71-009932 Sogandares-Bernal, F.; Gunst, R. F. and Hietala, H. J. METACERCARIAE OF /ORNITHODIPLOSTOMUM PTYCHOCHEILUS/ (FAUST, 1917) DUBOIS, 1936 ENCYSTED IN THE BRAINS AND VISCERA OF RED-SIDED SHINERS FROM THE CLARK-FORK AND BITTERROOT RIVERS OF MONTANA: AN ANALYSIS OF THE INFECTED HOSTS. *J. Parasitol.* 65(4):616-623. Aug. 1979. SFA 25(1)

71-009933 Sonstegard, R. A. and Leatherland, J. F. HYPOTHYROIDISM IN RATS FED GREAT LAKES COHO SALMON. *Bull. Environ. Contam. Toxicol.* 22 (6): 779-784. Aug. 1979. SFA 24(4)

71-009934 Sood, M. L. A REFERENCE LIST OF NEMATODE PARASITES FROM INDIAN FRESHWATER FISHES. *Res. Bull. Panjab Univ. Sci.* 24(I-II):33-41. June 1973. SFA 23(1)

71-009935 Soto M., J. and J. Carvajal G. PARÁSITOS CESTODOS DE ALGUNOS PECES COMERCIALES DE ANTOFAGASTA, CHILE. [CESTODE PARASITES IN SOME COMMERCIAL FISHES FROM ANTOFAGASTA, CHILE.] *Bol. Chil. Parasitol.* 34(3-4):67-71. 1979. SFA 25(3)

71-009936 Stephenson, A. B. GILL DAMAGE IN FISH PRODUCED BY BUCCAL PARASITES. *Rec. Auckl. Inst. Mus.* 13:167-173. 10 Dec. 1976. SFA 22(4)

71-009937 Stich, H. F.; Acton, A. B. and Forrester, C. R. FISH TUMORS AND SUBLETHAL EFFECTS OF POLLUTANTS. *J. Fish. Res. Board Can.* 33(9):1993-2001. Sept. 1976. In English with French summ. SFA 21(3).

71-009938 Stromberg, P. C. and Crites, J. L. POPULATION BIOLOGY OF /CAMALLANUS OXYCEPHALUS/ WARD AND MAGATH, 1916 (NEMATODA: CAMALLANIDAE) IN WHITE BASS IN WESTERN LAKE ERIE. *J. Parasitol.* 61(1):123-132. Feb. 1975. SFA 22(3)

71-009939 Stunkard, H. W. THE LIFE CYCLES, INTERMEDIATE HOSTS, AND LARVAL STAGES OF /RHIPIDOCOTYLE TRANSVERSALE/ CHANDLER, 1935 AND /RHIPIDOCOTYLE LINTONI/ HOPKINS, 1954: LIFE-CYCLES AND SYSTEMATICS OF BUCEPHALID TREMATODES. *Biol. Bull.* 150(2):294-317. Apr. 1976. SFA 21(4)

71-009940 Sullivan, J. R. THE TREMATODE PARASITES OF THE BLACK BASSES (/MICROPTERUS/ SPECIES) OF THE SOUTHEASTERN UNITED STATES WITH SOME SEASONAL AND LOCATIONAL VARIATIONS OF DIGENEAN POPULATIONS IN LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/). *Ph.D. dissertation, Auburn Univ.* 285p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1972. Nov. 1977. SFA 23(3)

71-009941 Sullivan, J. R. /TURGECAECUM LONGIFAUCES/ GEN. ET SP. N. (DIGENEA: CRYPTOGONIMIDAE) FROM SUWANEE BASS, /MICROPTERUS NOTIUS/ BAILEY AND HUBBS, AND EMENDATION OF THE SUBFAMILY CAECINCOLINAE YAMAGUTI 1958. *J. Parasitol.* 61(5):868-869. Oct. 1975. SFA 22(3)

71-009942 Suppes, V. C. and Meyer, F. P. /POLYPODIUM/ SP. (COELENTERATA) INFECTION OF PADDLEFISH (/POLYODON SPATHULA/) EGGS. *J. Parasitol.* 61(4):772-774. Aug. 1975. SFA 22(3)

71-009943 Suriano, D. M. and Beverley-Burton, M. /INTERNILOCULUS CHILENSIS/ GEN. ET SP. NOV. (MONOGENEA: CAPSALIDAE) REPRESENTANT D'UNE NOUVELLE SOUS-FAMILLE: INTERNILOCULINAE PARASITE DES BRANCHIES DE /HELICOLENUS LENGERICHI/ NORMAN (PISCES: SCORPAENIDAE) DE L'OCEAN PACIFIQUE SUD. [/INTERNILOCULUS CHILENSIS/ GEN. ET SP. NOV. (MONOGENEA: CAPSALIDAE), REPRESENTING A NEW SUB-FAMILY, INTERNILOCULINAE, GILL PARASITE OF /HELICOLENUS LENGERICHI/ NORMAN (PICES: SCORPAENIDAE) OF THE SOUTH PACIFIC OCEAN.] *Can. J. Zool.* 57(6):1201-1205. June 1979. In French with English summ. SFA 24(4)

71-009944 Sweeting, R. A. STUDIES ON /LIGULA INTESTINALIS/. SOME ASPECTS OF THE PATHOLOGY IN THE SECOND INTERMEDIATE HOST. *J. Fish Biol.* 10(1):43-50. Jan. 1977. SFA 22(3)

71-009945 Sweeting, R. A. STUDIES ON /LIGULA INTESTINALIS/ (L.) EFFECTS ON A ROACH POPULATION IN A GRAVEL PIT. *J. Fish Biol.* 9(6):515-522. Dec. 1976. SFA 22(2)

71-009946 Sylvester, J. R.; Dammann, A. E. and Dewey, R. A. CIGUATERA IN THE U.S. VIRGIN ISLANDS. *Mar. Fish. Rev.* 39(8):14-16. Aug. 1977. SFA 23(1)

71-009947 Tallman, C. and Ritter, E. A REDESCRIPTION OF /CORALLOTAENIA MINUTIA/ (FREZE, 1965: CESTODA; PROTEOCEPHALIDEA) FROM ALLEGANY COUNTY, NEW YORK. *Proc. Rochester Acad. Sci. Inc.* 13(1):34. Oct. 1976. Abstract only. SFA 24(1)

71-009948 Tallman, C. J. and Ritter, E. /CORALLOTAENIA MINUTIA/ (FREZE 1965) (CESTODA: PROTEOCEPHALIDEA) FROM BROWN BULLHEAD FROM WESTERN NEW YORK. *J. Parasitol.* 62(6):864. Dec. 1976. SFA 22(2)

71-009949 Tareen, I. U. ABSCESSED BONY AREAS ON *ACANTHOPAGRUS CUVIERI* (DAY) AS A SUBSTRATE FOR EPIPHYTIC ALGAE. *J. Fish Biol.* 16(2):145-148. Feb. 1980. SFA 25(2)

71-009950 Taylor, P. W. /MACRODEROIDES TRILOBATUS/ SP. N. (DIGENEA: MACRODEROIDIDAE) FROM THE BOWFIN, /AMIA CALVA/, AND EMENDATION OF THE GENUS. *J. Parasitol.* 64(3):393-394. June 1978. SFA 23(4)

71-009951 Templeman, W.; Hodder, V. M. and Fleming, A. M. INFECTION OF LUMPFISH (/CYCLOPTERUS LUMPUS/) WITH LARVAE AND OF ATLANTIC COD (/GADUS MORHUA/) WITH ADULTS OF THE COPEPOD, /LERNAEOCERA BRANCHIALIS/, IN AND ADJACENT TO THE NEWFOUNDLAND AREA, AND INFERENCES THEREFROM ON INSHORE-OFFSHORE MIGRATIONS OF COD. *J. Fish. Res. Board Can.* 33(4,1):711-731. Apr. 1976. In English with French summ. SFA 21(2).

71-009952 Thatcher, V. E. and Dossman M., D. /UNICOELIUM PROCHILODORUM/ GEN. ET SP. N. (TREMATODA: HAPLOPORIDAE) FROM A FRESHWATER FISH (/PROCHILODUS RETICULATUS/) IN COLOMBIA. *Proc. Helminthol. Soc. Wash.* 42(1):28-30. Jan. 1975. SFA 22(3)

71-009953 Thomas, M. M. and Devaraj, M. TWO NEW SPECIES OF /ARGULUS/ MULLER (CRUSTACEA: BRANCHIURA) FROM RIVER CAUVERY WITH A KEY TO INDIAN SPECIES. *Indian J. Fish.* 22 (1,2): 215-220. 1975. SFA 23(3)

71-009954 Timmons, T. J. and Rogers, W. A. /DACTYLOGYRUS ATRIPINNEI/ SP. N. FROM THE BLACKFIN SUCKER IN TENNESSEE. *J. Parasitol.* 63(2):238-239. Apr. 1977. SFA 22(3)

71-009955 Tkachuk, L. P. [NEW SPECIES OF TREMATODES FROM THE DEEPWATER ZEIDAE OF THE INDIAN AND ATLANTIC OCEANS.] *Zool. Zh.* 58(9):1290-1295. Sept. 1979. In Russian with English summ. SFA 25(1)

71-009956 Uhazy, L. S. /PHILOMETROIDES HURONENSIS/ N.SP. (NEMATODA: DRACUNCULOIDEA) OF THE COMMON WHITE SUCKER (/CATOSTOMUS COMMERSONI/) FROM LAKE HURON, ONTARIO. *Can. J. Zool.* 54(3):369-376. Mar. 1976. In English with French summ. SFA 22(1)

71-009957 Uhazy, L. S. BIOLOGY OF /PHILOMETROIDES HURONENSIS/ (NEMATODA: DRACUNCULOIDEA) IN THE WHITE SUCKER (/CATOSTOMUS COMMERSONI/). *Can. J. Zool.* 55(9):1430-1441. Sept. 1977. SFA 23(1)

71-009958 Uhazy, L. S. BIOLOGY OF /PHILOMETROIDES HURONENSIS/ N.SP. (NEMATODA: DRACUNCULOIDEA) OF COMMON WHITE SUCKER (/CATOSOMUS COMMERSONI/). *Ph.D. dissertation, Univ. Guelph (Canada).* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-009959 Uhazy, L. S. DEVELOPMENT OF /PHILOMETROIDES HURONENSIS/ (NEMATODA: DRACUNCULOIDEA) IN THE INTERMEDIATE AND DEFINITIVE HOSTS. *Can. J. Zool.* 55(2):265-273. Feb. 1977. In English with French summ. SFA 22(4)

71-009960 Uhazy, L. S. LESIONS ASSOCIATED WITH /PHILOMETROIDES HURONENSIS/ (NEMATODA: PHILOMETRIDAE) IN THE WHITE SUCKER (/CATOSTOMUS COMMERSONI/). *J. Wildl. Dis.* 14(4):401-108. Oct. 1978. SFA 24(1)

71-009961 Valentine, D. W. and Phelps, R. PARASITISM OF BARRED SURFPERCH, /AMPHISTICHUS ARGENTEUS/, BY /NEROCILA CALIFORNICA/: A FIT TO THE POISSON. *Calif. Fish Game* 63(2):129-132. Apr. 1977. SFA 22(3)

71-009962 Valtonen, E. T. *NEOECHINORHYNCHUS RUTILI* (MÜLLER, 1780) (ACANTHOCEPHALA) IN THE WHITEFISH *COREGONUS NASUS* (PALLAS) *SENSU* SVÄRDSON FROM THE BAY OF BOTHNIA. *J. Fish Dis.* 2(2):99-103. Mar. 1979. SFA 25(2)

71-009963 Valtonen, E. T. and Valtonen, T. /CYSTIDICOLA FARIONIS/ AS A SWIMBLADDER PARASITE OF THE WHITEFISH IN THE BOTHNIAN BAY. *J. Fish Biol.* 13(5):557-561. Nov. 1978. SFA 24(2)

71-009964 van Banning, P. and Becker, H. B. LONG-TERM SURVEY DATA (1965-1972) ON THE OCCURRENCE OF /ANISAKIS/ LARVAE (NEMATODA: ASCARIDIDA) IN HERRING, /CLUPEA HARENGUS/ L., FROM THE NORTH SEA. *J. Fish Biol.* 12(1):25-33. Jan. 1978. SFA 23(2)

71-009965 Van den Broek, W. L. F. THE EFFECTS OF /LERNAEOCERA BRANCHIALIS/ ON THE /MERLANGIUS MERLANGUS/ POPULATION IN THE MEDWAY ESTUARY. *J. Fish Biol.* 13(6):709-715. Dec. 1978. SFA 24(2)

71-009966 Van den Broek, W. L. F. INFECTION OF ESTUARINE FISH POPULATIONS BY /CRYPTOCOTYLE LINGUA/ (CREPLIN). *J. Fish Biol.* 14(4):395-402. Apr. 1979. SFA 24(3)

71-009967 van den Broek, W. L. F. COPEPOD ECTOPARASITES OF /MERLANGIUS MERLANGUS/ AND /PLATICHTHYS FLESUS/. *J. Fish Biol.* 14 (4): 371-380. Apr. 1979. SFA 24(3)

71-009968 Vaughan, G. E. and Coble, D. W. SUBLETHAL EFFECTS OF THREE ECTOPARASITES ON FISH. *J. Fish Biol.* 7(3):283-294. May 1975. SFA 22(2)

71-009969 Vinikour, W. S. INCIDENCE OF /NEASCUS RHINICHTHYSI/ (TREMATODA: DIPLOSTOMATIDAE) ON LONGNOSE DACE, /RHINICHTHYS CATARACTAE/ (PISCES: CYPRINIDAE), RELATED TO FISH SIZE AND CAPTURE LOCATION. *Trans. Am. Fish. Soc.* 106(1):83-88. Jan. 1977. SFA 22(3)

71-009970 Voorhees, J. T. and Schwartz, F. J. ATTACHMENT SITE, SEASONALITY, AND EFFECTS OF THE PARASITIC COPEPOD /LERNAEENICUS RADIATUS/ ON TWO ESTUARINE FISHES IN THE CAPE FEAR RIVER, NORTH CAROLINA. *Trans. Am. Fish. Soc.* 108(2):191-196. Mar. 1979. SFA 24(4)

71-009971 Vrijenhoek, R. C. GENETIC DIFFERENTIATION AMONG LARVAL NEMATODES INFECTING FISHES. *J. Parasitol.* 64 (5): 790-798. Oct. 1978. SFA 24(2)

71-009972 Wabuke-Bunoti, M. A. N. THE PREVALENCE AND PATHOLOGY OF THE CESTODE *POLYONCHOBOTHRIUM CLARIAS* (WOODLAND, 1925) IN THE TELEOST, *CLARIAS MOSSAMBICUS* (PETERS). *J. Fish. Dis.* 3(3):223-230. May 1980. SFA 25(3)

71-009973 Wales, J. H. INDUCTION OF HEPATOMA IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON BY THE EGG BATH TECHNIQUE. *J. Fish Dis.* 2(6):563-566. Nov. 1979. SFA 25(2)

71-009974 Wallace, R. K., Jr. and Sawyer, R. T. OCCURRENCE OF /MALMIANA PHILOTHERMA/ (ANNELIDA: HIRUDINEA) ON /HEMIRAMPHUS BRASILIENSIS/ (PISCES: HEMIRAMPHIDAE) IN PUERTO RICO. *Bull. Mar. Sci.* 27(2):347-348. Apr. 1977.

71-009975 Wannamaker, A. W. and Runey, M. W. A STUDY OF TWO NEMATODES FROM THE SUBCUTANEOUS TISSUES OF THE ORAL CAVITY OF /MICROPTERUS SALMOIDES/. *Bull. S.C. Acad. Sci.* 40:90-91. 1978. Abstract only. SFA 23(3)

71-009976 Warren, M. L. and Wilson, J. L. PARASITIC NEMATODE /CONTRACAECUM/ IN TWO SUBSPECIES OF LARGEMOUTH BASS. *Prog. Fish-Cult.* 40 (4): 137. Oct. 1978. SFA 24(2)

71-009977 Weber, D. D. and Schiewe, M. H. MORPHOLOGY AND FUNCTION OF THE LATERAL LINE OF JUVENILE STEELHEAD TROUT IN RELATION TO GAS-BUBBLE DISEASE. *J. Fish Biol.* 9(3):217-233. Sept. 1976. SFA 22(2)

71-009978 Weinstein, M. P. and Heck, K. L., Jr. BIOLOGY AND HOST-PARASITE RELATIONSHIPS OF /CYMOTHOA EXCISA/ (ISOPODA, CYMOTHOIDAE) WITH THREE SPECIES OF SNAPPERS (LUTJANIDAE) ON THE CARIBBEAN COAST OF PANAMA. *NOAA Fish. Bull.* 75(4):875-877. Oct. 1977. SFA 23(2)

71-009979 Weitkamp, D. E. GAS BUBBLE DISEASE OF RESIDENT FISH AND JUVENILE SALMONIDS IN THE COLUMBIA RIVER SYSTEM. *Ph.D. dissertation, Univ. Wash.* 253p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4115. Mar. 1978. SFA 23(3)

71-009980 Wellings, S. R.; Alpers, C. E.; McCain, B. B. and Miller, B. S. FIN EROSION DISEASE OF STARRY FLOUNDER (/PLATICHTHYS STELLATUS/) AND ENGLISH SOLE (/PAROPHRYS VETULUS/) IN THE ESTUARY OF THE DUWAMISH RIVER, SEATTLE, WASHINGTON. *J. Fish. Res. Board Can.* 33(11):2577-2586. Nov. 1976. In English with French summ. SFA 21(4).

71-009981 Whitaker, J. O., Jr. and Schlueter, R. A. OCCURRENCE OF THE CRUSTACEAN PARASITE, /LERNAEA CYPRINACEA/, ON FISHES FROM THE WHITE RIVER AT PETERSBURG, INDIANA. *Am. Midl. Nat.* 93(2):446-450. Apr. 1975. SFA 21(1).

71-009982 White, G. E. NEW DISTRIBUTION RECORDS OF FISH LEECHES IN THE OHIO RIVER. *J. Parasitol.* 63(6):1138. Dec. 1977. SFA 23(2)

71-009983 Whittaker, F. H. and J. Carvajal G. SCANNING ELECTRON MICROSCOPY OF SCOLICES OF SOME CESTODES FROM ELASMOBRANCHS. *Proc. Helminthol. Soc. Wash.* 47(2):256-259. July 1980. SFA 25(4)

71-009984 Wilkinson, C. E. INCIDENCE OF A TREMATODE, /DIPLOPROCTODAEUM PLICITUM/ (LINTON, 1928) IN THE PUFFERFISH, /URANOSTOMA RICHEI/ (FREMINVILLE, 1813). *Mauri Ora* 1:141-146. 1973. SFA 24(2)

71-009985 Williams, A. D. and Campbell, R. A. A NEW TETRAPHYLLIDEAN CESTODE, /GLYPHOBOTHRIUM ZWERNERI/ GEN. ET SP. N., FROM THE COWNOSE RAY, /RHINOPTERA BONASUS/ (MITCHILL 1815). *J. Parasitol.* 63(5):775-779. Oct. 1977. SFA 23(1)

71-009986 Williams, A. D. and Campbell, R. A. /DUPLICIBOTHRIUM MINUTUM/ GEN. ET SP. N. (CESTODA: TETRAPHYLLIDEA) FROM THE COWNOSE RAY, /RHINOPTERA BONASUS/ (MITCHILL 1815). *J. Parasitol.* 64(5):835-837. Oct. 1978. SFA 24(2)

71-009987 Williams, D. D. A KEY TO CARYOPHYLLIDEAN CESTODES OF IOWA FISHES. *Iowa State J. Res.* 52(4):401-409. May 1978. SFA 23(3)

71-009988 Williams, D. D. /BIACETABULUM OREGONI/ SP. N. (CESTODA: CARYOPHYLLAEIDAE) FROM /CATOSTOMUS MACROCHEILUS/. *Iowa State J. Res.* 52(4):397-400. May 1978. SFA 23(3)

71-009989 Williams, D. D. SEASONAL INCIDENCE OF /ISOGLARIDACRIS WISCONSINENSIS/ (CESTODA: CAROPHYLLAEIDAE) IN ITS FISH HOST. *Iowa State J. Res.* 53(4):305-310. May 1979. SFA 24(3)

71-009990 Williams, D. D. /LISSORCHIS HYPENTELII/ (TREMATODA: LISSORCHIIDAE) FROM RED CEDAR RIVER, WISCONSIN, CATOSTOMID FISHES. *Proc. Helminthol. Soc. Wash.* 46(1):150-151. Jan. 1979. SFA 24(3)

71-009991 Williams, E. H., Jr. *ROGERSUS ROGERSI* GEN. ET SP. N. (CESTODA: CARYOPHYLLAEIDAE) FROM THE BLACKTAIL REDHORSE, *MOXOSTOMA POECILURUM* (JORDAN), (OSTEICHTHYES) IN THE SOUTHEASTERN UNITED STATES. *J. Parasitol.* 66(3):564-568. June 1980. SFA 25(4)

71-009992 Williams, E. H., Jr. /PENARCHIGETES FESSUS/ SP. N. FROM THE LAKE CHUBSUCKER, /ERIMYZON SUCETTA/ (LACEPEDE) IN THE SOUTHEASTERN UNITED STATES. *Proc. Helminthol. Soc. Wash.* 46(1):84-87. Jan. 1979. SFA 24(3)

71-009993 Williams, E. H., Jr. and Williams, L. B. CYMOTHOID ISOPODS OF SOME MARINE FISHES FROM THE NORTHERN GULF OF MEXICO. *Northeast Gulf Sci.* 2 (2): 122-124. Dec. 1978. SFA 24(3)

71-009994 Williams, E. H., Jr. /PILUM PILUM/ GEN. ET SP. N. (ACANTHOCEPHALA: ECHINORHYNCHIDAE) FROM FRESHWATER FISHES OF THE SOUTHEASTERN UNITED STATES. *J. Parasitol.* 62(1):102-104. Feb. 1976. SFA 22(3)

71-009995 Williams, E. H., Jr. and Gaines, J. L., Jr. ACANTHOCEPHALA OF FISHES FROM MARINE AND BRACKISH WATERS OF THE MOBILE BAY REGION. *J. Mar. Sci.* 2(3):135-148. 1974. SFA 22(3)

71-009996 Williams, H. H. and Richards, D. H. H. /PROLEPTUS MACKENZIEI/ SP. N. (NEMATODA, SPIRURIDA) FROM /RAJA FYLLAE/ IN THE BARENTS SEA. *Zool. Scr.* 7(2):85-91. 1978. SFA 24(1)

71-009997 Wobeser, G.; Kratt, L. F.; Smith, R. J. F. and Acompanado, G. PROLIFERATIVE BRANCHIITIS DUE TO /TETRAONCHUS RAUSCHI/ (TREMATODA: MONOGENEA) IN CAPTIVE ARCTIC GRAYLING (/THYMALLUS ARCTICUS/). *J. Fish. Res. Board Can.* 33(8):1817-1821. Aug. 1976. In English with French summ. SFA 21(3).

71-009998 Wood, C. M.; McDonald, D. G. and McMahon, B. R. RESPIRATORY, VENTILATORY, AND CARDIOVASCULAR RESPONSES TO EXPERIMENTAL ANAEMIA IN THE STARRY FLOUNDER, /PLATICHTHYS STELLATUS/. *J. Exp. Biol.* 82:139-162. Oct. 1979. SFA 25(1)

71-009999 Wootten, R. and D. C. Cann. ROUND WORMS IN FISH. *Torry Res. Stn. Advis. Note* No. 80. 6p. May 1980. SFA 25(4)

71-010000 Wootten, R. and Waddell, I. F. STUDIES ON THE BIOLOGY OF LARVAL NEMATODES FROM THE MUSCULATURE OF COD AND WHITING IN SCOTTISH WATERS. *J. Cons. Cons. Int. Explor. Mer* 37(3):266-273. Sept. 1977. SFA 23(2)

71-010001 Wootten, R. and Smith, J. W. THE OCCURRENCE OF PLEROCERCOIDS OF /DIPHYLLOBOTHRIUM/ SPP. IN WILD AND CULTURED SALMONIDS FROM THE LOCH AWE AREA. *Scott. Fish. Res. Rep.* no. 13. 8p. 1979. SFA 24(3)

71-010002 Wootten, R. THE OCCURRENCE OF LARVAL ANISAKID NEMATODES IN SMALL GADOIDS FROM SCOTTISH WATERS. *J. Mar. Biol. Assoc. U.K.* 58 (2): 347-356. May 1978. SFA 23(3)

71-010003 Yamazaki, F.; Hibino, T.; Oishi, K.; Harada, T.; Stich, H. F. and Acton, A. B. X-CELL MORPHOLOGY IN THE EPIDERMAL PAPILLOMAS OF FLATFISH COLLECTED FROM COASTAL WATERS OF HOKKAIDO, JAPAN. *Bull. Jpn. Soc. Sci. Fish.* 44 (5): 407-413. May 1978. SFA 23(4)

71-010004 Yamazaki, F.; Hibino, T.; Oishi, K. and Harada, T. MORPHOLOGICAL CHANGES IN THE X-CELLS IN EPIDERMAL PAPILLOMAS OF THE FLATFISH, /LIMANDA SCHRENKI/. *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 723-727. July 1978. SFA 24(1)

71-010005 Yamazaki, F.; Hibino, T. and Nakamura, H. [STUDIES ON EPIDERMAL PAPILLOMAS OF THE GOBY, /ACANTHOGOBIUS FLAVIMANUS/ INHABITING HAKODATE BAY.] *Bull. Fac. Fish. Hokkaido Univ.* 29 (4): 338-348. Nov. 1978. In Japanese with English summ. SFA 24(3)

71-010006 Yasumoto, T.; Inoue, A.; Bagnis, R. and Garcon, M. ECOLOGICAL SURVEY ON A DINOFLAGELLATE POSSIBLY RESPONSIBLE FOR THE INDUCTION OF CIGUATERA. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 395-399. Mar. 1979. SFA 24(4)

71-010007 Yusufi, A. N. K. and Siddiqui, A. H. SOME ASPECTS OF CARBOHYDRATE METABOLISM OF DIGENETIC TREMATODES FROM INDIAN WATER BUFFALO AND CATFISH. *Z. Parasitenkd.* 56(1):47-53. 1978. SFA 23(4)

POLLUTION

71-010008 Abbott, O. J. and Perkins, E. J. FURTHER STUDIES UPON A STEEL WORKS EFFLUENT. *Mar. Pollut. Bull.* 8 (9): 210-213. Sept. 1977. SFA 23(1)

71-010009 Adams, J. R. THE INFLUENCE OF THERMAL DISCHARGES ON THE DISTRIBUTION OF MACROFLORA AND FAUNA. HUMBOLDT BAY NUCLEAR POWER PLANT, CALIFORNIA. *Ph. D. dissertation, Univ. Wash.* 381p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-010010 Ahokas, J. T.; Karki, N. T.; Oikari, A. and Soivio, A. MIXED FUNCTION MONOOXYGENASE OF FISH AS AN INDICATOR OF POLLUTION OF AQUATIC ENVIRONMENT BY INDUSTRIAL EFFLUENT. *Bull. Environ. Contam. Toxicol.* 16 (3): 270-274. Sept. 1976. SFA 21(4)

71-010011 Alden, R. W. III. GROWTH, REPRODUCTION AND SURVIVAL OF SOME MARINE COPEPODS SUBJECTED TO THERMAL AND MECHANICAL STRESS. *Ph. D. dissertation, Univ. Fla.* 352p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-010012 Alexander, G. R. and Hansen, E. A. THE EFFECTS OF SEDIMENT FROM A GAS-OIL WELL DRILLING ACCIDENT ON TROUT IN CREEKS OF THE WILLIAMSBURG AREA, MICHIGAN. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1851. 15p. 16 Nov. 1977. SFA 23(2)

71-010013 Allen, M. J. POLLUTION RELATED ALTERATIONS OF SOUTHERN CALIFORNIA DEMERSAL FISH COMMUNITIES. *Cal-Neva Wildl. Trans.* 1977:103-107. 1977. SFA 23(3)

71-010014 Alston, D. E. EFFECTS OF HEATED WATER UPON FISH-FOOD ORGANISMS IN THREE ARTIFICIAL CHANNELS. *Ph.D. dissertation, Auburn Univ.* 62p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1110. Sept. 1978. SFA 24(1)

71-010015 Ames, L. J.; Smith, M. H. and Felley, J. D. AMOUNTS OF ASYMMETRY IN CENTRARCHID FISH INHABITING HEATED AND NONHEATED RESERVOIRS. *Trans. Am. Fish. Soc.* 108(5):489-495. Sept. 1979. SFA 25(1)

71-010016 Amico, V.; Tringali, C.; Impellizzeri, G.; Oriente, G.; Sciuto, S. and Piattelli, M. LEVELS OF CHLORINATED HYDROCARBONS IN MARINE ANIMALS FROM THE CENTRAL MEDITERRANEAN. *Mar. Pollut. Bull.* 10(10):282-284. Oct. 1979. SFA 25(1)

71-010017 Anderson, D. and Thatcher, T. CONTRASTS BETWEEN CHLORINATION EFFECTS IN FRESHWATER AND SALTWATER ENVIRONMENTS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 324-325. July 1977. SFA 23(3)

71-010018 Anonymous. THE FIRST INTERNATIONAL SYMPOSIUM ON ACID PRECIPITATION AND THE FOREST ECOSYSTEM. PROGRAM AND ABSTRACTS. *Atmos. Sci. Prog., Ohio State Univ., Columbus.* iii + 69p. July 1975. SFA 21(3).

71-010019 Anonymous. TOXIC MATERIALS IN THE AQUATIC ENVIRONMENT. *Seminar Conducted by Water Resour. Res. Inst., Oreg. State Univ., Corvallis* 165p. July 1978. SFA 24(1)

71-010020 Armstrong, F. A. J. and Scott, D. P. DECREASE IN MERCURY CONTENT OF FISHES IN BALL LAKE, ONTARIO, SINCE IMPOSITION OF CONTROLS ON MERCURY DISCHARGES. *J. Fish. Res. Board Can.* 36 (6): 670-672. June 1979. In English with French summ. SFA 24(4)

71-010021 Armstrong, F. A. J. and Lutz, A. LAKE SUPERIOR, 1974: PCB, CHLORINATED INSECTICIDES, HEAVY METALS AND RADIOACTIVITY IN OFFSHORE FISH. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 693. vi + 17p. 1977. In English with French summ. SFA 23(1)

71-010022 Armstrong, F. A. J. and Lutz, A. LAKE HURON, 1974: PCB, CHLORINATED INSECTICIDES, HEAVY METALS AND RADIOACTIVITY IN OFFSHORE FISH. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 692. v + 15p. 1977. In English with French summ. SFA 23(1)

71-010023 Arway, J.; Porak, W. F. and Morgan, E. L. SODIUM HYDROXIDE NEUTRALIZATION OF ACID RECEIVING STREAMS IN THE CHEROKEE NATIONAL FOREST. *J. Tenn. Acad. Sci.* 54 (2): 71-72. Apr. 1979. Abstract only. SFA 24(3)

71-010024 Ash, G. R. THE EFFECTS OF THERMAL POLLUTION ON THE EGG SURVIVAL OF LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/ (MITCHILL)). *Proc. 10th Can. Symp. 1975: Water Pollut. Res. Can.* 9-16. 1975. SFA 22(3)

71-010025 Atchison, G. J.; Murphy, B. R.; Bishop, W. E.; McIntosh, A. W. and Mayes, R. A. TRACE METAL CONTAMINATION OF BLUEGILL (/LEPOMIS MACROCHIRUS/) FROM TWO INDIANA LAKES. *Trans. Am. Fish. Soc.* 106 (6): 637-640. Nov. 1977. SFA 23(2)

71-010026 Atlas, R. M.; Horowitz, A. and Busdosh, M. PRUDHOE CRUDE OIL IN ARCTIC MARINE ICE, WATER, AND SEDIMENT ECOSYSTEMS: DEGRADATION AND INTERACTIONS WITH MICROBIAL AND BENTHIC COMMUNITIES. *J. Fish. Res. Board Can.* 35 (5): 585-590. May 1978. In English with French summ. SFA 23(3)

71-010027 Balduf, T. J. and Martin, G. L. WATER QUALITY AND FISH COMMUNITIES IN THE OTTAWA RIVER: THE EFFECTS OF WASTEWATER DISCHARGES FROM THE CITY OF LIMA. *Ohio J. Sci.* 79: 94. Apr. 1979. Abstract only. SFA 24(3)

71-010028 Basile, B. P. ENVIRONMENTAL EFFECTS OF OFFSHORE OIL PRODUCTION. *Ph.D. dissertation, Univ. Houston* 289p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3215. Jan. 1979. SFA 24(2)

71-010029 Bastürk, O.; M. Dogan; I. Salihoglu and T. I. Balkas. DDT, DDE, AND PCB RESIDUES IN FISH, CRUSTACEANS AND SEDIMENTS FROM THE EASTERN MEDITERRANEAN COAST OF TURKEY. *Mar. Pollut. Bull.* 11(7):191-195. July 1980. SFA 25(4)

71-010030 Battelle Pacific Northwest Laboratories. SYNTHESIS AND ANALYSIS OF ECOLOGICAL INFORMATION FROM COOLING IMPOUNDMENTS. VOL. 1. *Elec. Power Res. Inst.* EPRI EA-1054. xv + 101p. Apr. 1979. SFA 24(4)

71-010031 Beamish, R. J. ACIDIFICATION OF LAKES IN CANADA BY ACID PRECIPITATION AND THE RESULTING EFFECTS ON FISHES. *Water Air Soil Pollut.* 6(2,3,4):501-514. Sept.-Oct.-Nov. 1976. SFA 22(3)

71-010032 Bebbington, G. N.; Mackay, N. J.; Chvojka, R.; Williams, R. J.; Dunn, A. and Auty, E. H. HEAVY METALS, SELENIUM AND ARSENIC IN NINE SPECIES OF AUSTRALIAN COMMERCIAL FISH. *Aust. J. Mar. Freshwater Res.* 28 (3): 277-286. June 1977. SFA 23(1)

71-010033 Benson, W. W.; Webb, W.; Brock, D. W. and Gabica, J. MERCURY IN CATFISH AND BASS FROM THE SNAKE RIVER IN IDAHO. *Bull. Environ. Contam. Toxicol.* 15 (5): 564-567. May 1976. SFA 21(4)

71-010034 Bergheim, A. and Selmer-Olsen, A. R. RIVER POLLUTION FROM A LARGE TROUT FARM IN NORWAY. *Aquaculture* 14(3):267-270. July 1978. SFA 23(4)

71-010035 Bishop, W. E. THE DISTRIBUTION AND EFFECTS OF SELECTED HEAVY METALS IN A CONTAMINATED LAKE. *Ph.D. dissertation, Purdue Univ.* 160p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(2):567. Aug. 1977. SFA 24(1)

71-010036 Black, J. J. CARCINOGENIC HAZARDS IN AQUATIC ECOSYSTEMS. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 121p. 1979. Oct. 1979. SFA 25(1) From Diss. Abstr. Int. B Sci. Eng. 40(4):1608.

71-010037 Block, R. M. and Helz, G. R., (eds.). PROCEEDINGS OF THE CHLORINATION WORKSHOP. *Chesapeake Sci.* 18(1):93-160. Mar. 1977. SFA 22(3)

71-010038 Boehm, P. D. THE TRANSPORT AND FATE OF HYDROCARBONS IN BENTHIC ENVIRONMENTS. *Ph.D. dissertation, Univ. R.I.* 193p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1503. Oct. 1977. SFA 23(3)

71-010039 Bohn, A. and Fallis, B. W. METAL CONCENTRATIONS (AS, CD, CU, PB, AND ZN) IN SHORTHORN SCULPINS, /MYOXOCEPHALUS SCORPIUS/ (LINNAEUS), AND ARCTIC CHAR, /SALVELINUS ALPINUS/ (LINNAEUS), FROM THE VICINITY OF STRATHCONA SOUND, NORTHWEST TERRITORIES. *Water Res.* 12 (9): 659-663. 1978. SFA 24(1)

71-010040 Bohn, A. and McElroy, R. O. TRACE METALS (AS, CD, CU, FE, AND AN) IN ARCTIC COD, /BOREOGADUS SAIDA/, AND SELECTED ZOOPPLANKTON FROM STRATHCONA SOUND, NORTHERN BAFFIN ISLAND. *J. Fish. Res. Board Can.* 33 (12): 2836-2840. Dec. 1976. In English with French summ. SFA 22(1)

71-010041 Bollingberg, H. J. and Johansen, P. LEAD IN SPOTTED WOLFFISH, /ANARHICHAS MINOR/, NEAR A ZINC-LEAD MINE IN GREENLAND. *J. Fish. Res. Board Can.* 36(9):1023-1028. Sept. 1979. In English with French summ. SFA 25(1)

71-010042 Borsetti, A. P. and Roach, J. A. G. IDENTIFICATION OF KEPONE ALTERATION PRODUCTS IN SOIL AND MULLET. *Bull. Environ. Contam. Toxicol.* 20 (2): 241-247. Aug. 1978. SFA 24(1)

71-010043 Boyd, C. E. EFFLUENTS FROM CATFISH PONDS DURING FISH HARVEST. *J. Environ. Qual.* 7(1):59-62. Jan.-Mar. 1978. SFA 23(2)

71-010044 Boytsov, M. P. THE MORPHOLOGY OF UNDERYEARLING FISHES IN THE ZONE AFFECTED BY WARM WATERS DISCHARGED FROM THE KONAKOVO POWER STATION INTO IVAN'KOVSKOYE RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (6): 904-910. 1974. SFA 21(2).

71-010045 Bresnick, G. I. ENVIRONMENTAL EVALUATION OF THE COMBINED EFFECTS OF SEWAGE AND KRAFT PULPMILL EFFLUENTS BASED ON THE RELATIVE GROWTH RATES OF FISHES. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010046 Brinkhurst, R. O.,(ed.). REPORT ON OCEAN DUMPING R AND D PACIFIC REGION FISHERIES AND ENVIRONMENT CANADA 1976-1977. *Fish. Environ. Can. Inst. Ocean Sci. Pac. Mar. Sci. Rep.* 78-9. iii + 32p. 1978. SFA 23(3)

71-010047 Brownlee, B. and Strachan, W. M. J. DISTRIBUTION OF SOME ORGANIC COMPOUNDS IN THE RECEIVING WATERS OF A KRAFT PULP AND PAPER MILL. *J. Fish. Res. Board Can.* 34 (6): 830-837. June 1977. In English with French summ. SFA 22(3)

71-010048 Brownlee, B.; Fox, M. E.; Strachan, W. M. J. and Joshi, S. R. DISTRIBUTION OF DEHYDROABIETIC ACID IN SEDIMENTS ADJACENT TO A KRAFT PULP AND PAPER MILL. *J. Fish. Res. Board Can.* 34 (6): 838-843. June 1977. In English with French summ. SFA 22(3)

71-010049 Brugam, R. B. THE HUMAN DISTURBANCE HISTORY OF LINSLEY POND, NORTH BRANFORD, CONNECTICUT. *Ph. D. dissertation, Yale Univ.* 196p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 22(2)

71-010050 Brungs, W. A. EFFECTS OF WASTEWATER AND COOLING WATER CHLORINATION ON AQUATIC LIFE. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-098. vi + 46p. Aug. 1976. SFA 23(2)

71-010051 Brungs, W. A.; Carlson, R. W.; Horning, W. B. II; McCormick, J. H.; Spehar, R. L. and Yount, J. D. EFFECTS OF POLLUTION ON FRESHWATER FISH. *J. Water Pollut. Control Fed.* 50(6):1582-1637. June 1978. SFA 23(4)

71-010052 Brungs, W. A.; McCormick, J. H.; Neiheisel, T. W.; Spehar, R. L.; Stephan, C. E. and Stokes, G. N. EFFECTS OF POLLUTION ON FRESHWATER FISH. *J. Water Pollut. Control Fed.* 49(6):1425-1493. June 1977. SFA 22(4)

71-010053 Brush, E. J.; M. Kalinowski and T. L. Miller. HEAVY METALS IN A STRETCH OF THE SUSQUEHANNA RIVER BADLY POLLUTED WITH ACID MINE EFFLUENTS. *Proc. Pa. Acad. Sci.* 53(2):179-188. 1979. SFA 25(3)

71-010054 Brynildson, O. M. and Mason, J. W. INFLUENCE OF ORGANIC POLLUTION ON THE DENSITY AND PRODUCTION OF TROUT IN A WISCONSIN STREAM. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 81. 16p. 1975. SFA 21(1).

71-010055 Buggiani, S. S. and C. Vannuchi. MERCURY AND LEAD CONCENTRATIONS IN SCME SPECIES OF FISH FROM THE TUSCAN COASTS (ITALY). *Bull. Environ. Contam. Toxicol.* 25(1):90-92. July 1980. SFA 25(4)

71-010056 Buikema, A. L., Jr. and Herricks, E. E. EFFECTS OF POLLUTION ON FRESHWATER INVERTEBRATES. *J. Water Pollut. Control Fed.* 50 (6): 1637-1648. June 1978. SFA 23(4)

71-010057 Burton, D. T.; Small, R. D.; Hall, L. W., Jr. and Margrey, S. L. INTERACTIONS OF CHLORINE, TEMPERATURE CHANGE (DELTA T), AND EXPOSURE TIME ON SURVIVAL OF STRIPED BASS (/MORONE SAXATILIS/) EGGS AND PROLARVAE. *J. Fish. Res. Board Can.* 36(9):1108-1113. Sept. 1979. In English with French summ. SFA 25(1)

71-010058 Burton, D. T.; Hall, L. W., Jr. and Margrey, S. L. MULTIFACTORIAL CHLORINE, DELTA T AND EXPOSURE DURATION STUDIES OF POWER PLANT EFFLUENTS ON ESTUARINE ICHTHYOPLANKTON. *Proc. Mid-Atl. Ind. Waste Conf.* 11: 223-229. 1979. SFA 24(4)

1-010059 Burton, D. T.; S. L. Margrey and L. W. Hall, Jr. SEASONAL EFFECTS OF ONCE-THROUGH POWER PLANT CHLORINATION ON SEVERAL ESTUARINE MACROINVERTEBRATES. *ABS (Assoc. Southeast. Biol.) Bull.* 27(2):26. Apr. 1980. SFA 25(3)

71-010060 Burton, D. T.; Richardson, L. B.; Margrey, S. L. and Abell, P. R. EFFECTS OF LOW DELTA T POWERPLANT TEMPERATURES ON ESTUARINE INVERTEBRATES. *J. Water Pollut. Control Fed.* 48 (10): 2259-2272. Oct. 1976. SFA 21(4).

71-010061 Burton, D. T.; Margrey, S. L. and Richardson, L. B. EFFECTS OF POWER-PLANT ENTRAINMENT TEMPERATURES ON OXYGEN CONSUMPTION PATTERNS OF AMPHIPODS AND GRASS SHRIMP. *IN G. W. Esch and R. W. McFarlane, eds. Thermal Ecology II. U.S. Energy Res. Dev. Admin. Symp. Ser. 40 (CONF-750-425). Natl. Tech. Info Serv., Springfield, VA.* 93-99. 1976. SFA 22(2)

71-010062 Burton, D. T.; Margrey, S. L. and Richardson, L. B. EFFECTS OF POWER-PLANT ENTRAINMENT TEMPERATURES ON OXYGEN CONSUMPTION PATTERNS OF AMPHIPODS AND GRASS SHRIMP. *IN G. W. Esch and F. W. McFarlane (eds.) Thermal Ecology II. ERDA Symp. Ser.* 40(CONF-750425). 93-99. 1976. SFA 22(4)

71-010063 Butler, J. N. and Levy, E. M. LONG-TERM FATE OF PETROLEUM HYDROCARBONS AFTER SPILLS--COMPOSITIONAL CHANGES AND MICROBIAL DEGRADATION. *J. Fish. Res. Board Can.* 35 (5): 604-605. May 1978. In English with French summ. SFA 23(3)

71-010064 Buynak, G. L. and Gurzynski, A. J. AGE AND GROWTH OF SMALLMOUTH BASS (/MICROPTERUS DOLOMIEUI/) IN A LARGE RIVER POLLUTED BY ACID MINE DRAINAGES. *Proc. Pa. Acad. Sci.* 52 (2): 176-178. 1978. SFA 24(4)

71-010065 Byers, S. C. and R. O. Brinkhurst, eds. REPORT ON OCEAN DUMPING R AND D PACIFIC REGION DEPARTMENT OF FISHERIES AND OCEANS 1978-1979. *Pac. Mar. Sci. Rep.* 79-18. iv + 59p. 1979. SFA 25(2)

71-010066 Cairns, J., Jr. HAZARD EVALUATION. *Fisheries (Bull. Am. Fish. Soc.)* 3 (2): 2-4. Mar.-Apr. 1978. SFA 23(4)

71-010067 Cairns, J., Jr. HEATED WASTE-WATER EFFECTS ON AQUATIC ECOSYSTEMS. *IN G. W. Esch and F. W. McFarlane (eds.) Thermal Ecology II. ERDA Symp. Ser.* 40(CONF-750425). 32-38. 1976. SFA 22(4)

71-010068 Cairns, J., Jr. AQUATIC ECOSYSTEM ASSIMILATIVE CAPACITY. *Fisheries (Bull. Am. Fish. Soc.)* 2 (2): 5-7, 24. Mar.-Apr. 1977. SFA 22(4)

71-010069 Cairns, J., Jr.; Dickson, K. L. and Westlake, G. F. BIOLOGICAL MONITORING OF WATER AND EFFLUENT QUALITY. *ASTM (Am. Soc. Test. Mater.) Spec. Tech. Publ.* 607. 242p. 1976. SFA 22(3)

71-010070 Cairns, T. and C. H. Parfitt. PERSISTENCE AND METABOLISM OF TDE IN CALIFORNIA CLEAR LAKE FISH. *Bull. Environ. Contam. Toxicol.* 24(4):504-510. Apr. 1980. SFA 25(2)

71-010071 Calamari, D. SELECTED BIBLIOGRAPHY ON STUDIES AND RESEARCH RELEVANT TO POLLUTION IN THE MEDITERRANEAN. *FAO Fish. Tech. Pap.* No. 165. v + 93p. Jan. 1977. In English and French. SFA 23(3)

71-010072 Canton, S. P. and Ward, J. V. ENVIRONMENTAL EFFECTS OF WESTERN COAL SURFACE MINING. PART II-THE AQUATIC MACROINVERTEBRATES OF TROUT CREEK, COLORADO. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-095. ix + 63p. Oct. 1978. SFA 24(4)

71-010073 Caputi, N.; Edmonds, J. S. and Heald, D. I. MERCURY CONTENT OF SHARK FROM SOUTH-WESTERN AUSTRALIAN WATERS. *Mar. Pollut. Bull.* 10(11):337-340. Nov. 1979. SFA 25(1)

71-010074 Carlson, R. F.; Tilsworth, T. and Hok, C. EFFECTS OF THERMAL DISCHARGE UPON A SUBARCTIC STREAM. *Univ. Alaska Inst. Water Resour.* IWR-49. vi + 66p. June 1978. SFA 23(4)

71-010075 Casne, S. R.; J. G. Goyert and D. F. Hanson. ASSESSING THE IMPACT OF POWER PLANTS ON STRIPED BASS (*MORONE SAXATILIS*) IN THE SACRAMENTO-SAN JOAQUIN DELTA. *Cal-Neva Wildl.* 1979:69-73. 1979. SFA 25(2)

71-010076 Castro, H. T. UPTAKE AND DISTRIBUTION OF TECHNETIUM-99 BY CHANNEL CATFISH /ICTALURUS PUNCTATUS/ (RAFINESQUE). *Ph.D. dissertation, Purdue Univ.* 105p. 1975. From Diss. Abstr. Int. B Sci. Eng. 38(8):3613. Feb. 1978. SFA 23(3)

71-010077 Caviglia, A. and Cugürra, F. FURTHER STUDIES ON THE MERCURY CONTENTS IN SOME SPECIES OF MARINE FISH AND MOLLUSCS. *Bull. Environ. Contam. Toxicol.* 19 (5): 528-537. May 1978. SFA 23(3)

71-010078 Cheevaparanapivat, V. and Menasveta, P. TOTAL AND ORGANIC MERCURY IN MARINE FISH OF THE UPPER GULF OF THAILAND. *Bull. Environ. Contam. Toxicol.* 23(3):291-299. Oct. 1979. SFA 25(1)

71-010079 Cherko, I.; Harrow, L. and Schlesingler, A. LONG TERM EXPOSURE TO EFFLUENTS OF THE FORT CALHOUN NUCLEAR POWER STATION: EFFECTS UPON SURVIVAL AND DEVELOPMENT OF AGE 0 /ICTALURUS PUNCTATUS/. *Proc. Nebr. Acad. Sci. Affil. Soc.* 86: 11. 1976. Abstract only. SFA 22(2)

71-010080 Cherry, D. S.; Sherberger, F. F.; Larrick, S. R.; Davis, E. M. and Guthrie, R. K. RECOVERY OF INVERTEBRATE AND VERTEBRATE POPULATIONS IN A COAL ASH STRESSED DRAINAGE SYSTEM. *J. Fish. Res. Board Can.* 36(9):1089-1096. Sept. 1979. In English with French summ. SFA 25(1)

71-010081 Cherry, D. S.; Gutherie, R. K.; Rodgers, J. H., Jr.; Cairns, J., Jr. and Dickson, K. L. RESPONSES OF MOSQUITOFISH (/GAMBUSIA AFFINIS/) TO ASH EFFLUENT AND THERMAL STRESS. *Trans. Am. Fish. Soc.* 105 (6): 686-694. Nov. 1976. SFA 22(1)

71-010082 Chung, K. S. and Strawn, K. HEAT TOLERANCE OF FREE-LIVING ESTUARINE ANIMALS TO PREDICT THEIR SURVIVAL IN HEATED EFFLUENTS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:612-617. 1977[1979]. SFA 24(4)

71-010083 Clark, R. B. POLLUTION IS GOOD FOR YOU (OR IT WILL BE, SOON). *Mar. Pollut. Bull.* 10(7):181-182. July 1979. SFA 25(1)

71-010084 Clark, R. C., Jr.; Patten, B. G. and DeNike, E. E. OBSERVATIONS OF A COLD-WATER INTERTIDAL COMMUNITY AFTER 5 YEARS OF A LOW-LEVEL, PERSISTANT OIL SPILL FROM THE /GENERAL M.C. MEIGS/. *J. Fish. Res. Board Can.* 35 (5): 754-765. May 1978. In English with French summ. SFA 23(3)

71-010085 Clark, R. C., Jr. IMPACT OF THE TRANSPORTATION OF PETROLEUM ON THE WATERS OF THE NORTHEASTERN PACIFIC OCEAN. *Mar. Fish. Rev.* 38 (11): 20-26. Nov. 1976. SFA 22(2)

71-010086 Cole, H. A., (organizer). THE ASSESSMENT OF SUBLETHAL EFFECTS OF POLLUTANTS IN THE SEA. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 286(1015):397-633. 9 Aug. 1979. SFA 25(1)

71-010087 Cole, T. J. PRELIMINARY ECOLOGICAL-GENETIC COMPARISION BETWEEN UNPERTURBED AND OIL-IMPACTED /UROSALPINX CINEREA/ (PROSOBRANCHIA: GASTROPODA) POPULATIONS: NOBSKA POINT (WOODS HOLE) AND WILD HARBOR (WEST FALMOUTH), MASSACHUSETTS. *J. Fish. Res. Board Can.* 35 (5): 624-629. May 1978. In English with French summ. SFA 23(3)

71-010088 Collins, J. and Tenney, R. D. FISHERY WASTE EFFLUENTS: A METHOD TO DETERMINE RELATIONSHIPS BETWEEN CHEMICAL OXYGEN DEMAND AND RESIDUE. *NOAA Fish. Bull.* 74 (4): 725-731. Oct. 1976. SFA 22(2)

71-010089 Collins, J. OIL AND GREASE: A PROPOSED ANALYTICAL METHOD FOR FISHERY WASTE EFFLUENTS. *NOAA Fish. Bull.* 74 (3): 681-683. July 1976. SFA 21(3).

71-010090 Colwell, R. R. and Nelson, J. D., Jr. METABOLISM OF MERCURY COMPOUNDS IN MICROORGANISMS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-007. x + 83p. Oct. 1975. SFA 21(1).

71-010091 Colwell, R. R.; Mills, A. L.; Walker, J. D.; Garcia-Tello, P. and Campos-P., V. MICROBIAL ECOLOGY STUDIES OF THE /METULA/ SPILL IN THE STRAITS OF MAGELLAN. *J. Fish. Res. Board Can.* 35 (5): 573-580. May 1978. In English with French summ. SFA 23(3)

71-010092 Connell, D. W. A KEROSENE-LIKE TAINT IN THE SEA MULLET /MUGIL CEPHALUS/ (LINNEAUS) II. SOME ASPECTS OF THE DEPOSITION AND METABOLISM OF HYDROCARBONS IN MUSCLE TISSUE. *Bull. Environ. Contam. Toxicol.* 20 (4): 492-498. Oct. 1978. SFA 24(1)

71-010093 Contardi, V.; Pellacani, T.; Zanicchi, G. and Capelli, R. PCBS AND CHLORINATED PESTICIDES IN ORGANISMS FROM THE LIGURIAN SEA. *Mar. Pollut. Bull.* 10(10):307-311. Oct. 1979. SFA 25(1)

71-010094 Courtemanch, D. IMPACT OF CHLORINATED WASTEWATER ON AQUATIC LIFE IN MAINE. *Me. Dep. Environ. Prot.* 16p. 1 Mar. 1977. SFA 24(2)

71-010095 Cox, G. V.; A. Barnett; J. R. Gould; K. G. Hay; J. Hirota; C. D. McAuliffe and A. D. Michael. OIL SPILL STUDIES: STRATEGIES AND TECHNIQUES. *J. Environ. Pathol. Toxicol.* 3(1/2):1-148. Dec. 1979. SFA 25(2)

71-010096 Cox, J. POWER PLANT LAKES HEAT UP WINTER FISHING. *Tex. Parks Wildl.* 37(12):23-24. Dec. 1979. SFA 25(1)

71-010097 Craddock, D. R. IMPACT OF COOLING WATERS ON THE AQUATIC RESOURCES OF THE PACIFIC NORTHWEST. *Mar. Fish. Rev.* 38 (11): 27-34. Nov. 1976. SFA 22(2)

71-010098 Crandall, P. S. EVALUATION OF STRIPED BASS X WHITE BASS HYBRIDS IN A HEATED TEXAS RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:588-598. 1978[1979] SFA 25(2)

71-010099 Cretney, W. J.; Wong, C. S.; Green, D. R. and Bawden, C. A. LONG-TERM FATE OF A HEAVY FUEL OIL IN A SPILL-CONTAMINATED B.C. COASTAL BAY. *J. Fish. Res. Board Can.* 35 (5): 521-527. May 1978. In English with French summ. SFA 23(3)

71-010100 Cripe, C. R. AN AUTOMATED DEVICE (AGARS) FOR STUDYING AVOIDANCE OF POLLUTANT GRADIENTS BY AQUATIC ORGANISMS. *J. Fish. Res. Board Can.* 36 (1): 11-16. Jan. 1979. In English with French summ. SFA 24(2)

71-010101 Crowther, R. A. and Hynes, H. B. N. THE EFFECT OF ROAD DEICING SALT ON THE DRIFT OF STREAM BENTHOS. *Environ. Pollut.* 14 (2): 113-126. Oct. 1977. SFA 23(2)

71-010102 Cuellar-Chavez, R. AN APPLICATION OF A REGIONAL METHODOLOGY TO ESTIMATE POINT AND NON-POINT POLLUTIONAL LOADS DISCHARGED INTO A STREAM. *Ph.D. dissertation, Univ. Texas (Austin).* 119 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(5), 1976. SFA 22(3)

71-010103 Cugurra, F. and Maura, G. MERCURY CONTENT IN SEVERAL SPECIES OF MARINE FISH. *Bull. Environ. Contam. Toxicol.* 15 (5): 568-573. May 1976. SFA 21(4)

71-010104 Cumbie, P. M. and S. L. Van Horn. SELENIUM ACCUMULATION ASSOCIATED WITH FISH MORTALITY AND REPRODUCTIVE FAILURE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:612-624. 1978[1979]. SFA 25(2)

71-010105 Cumbie, P. M. MERCURY LEVELS IN GEORGIA OTTER, MINK AND FRESHWATER FISH. *Bull. Environ. Contam. Toxicol.* 14 (2): 193-196. Aug. 1975. SFA 21(4)

71-010106 Currier, J. B. WATER QUALITY EFFECTS OF LOGGING RESIDUE DECOMPOSITION FROM LODGEPOLE PINE. *Ph.D. dissertation, Colo. State Univ.* 166p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-010107 Cutshall, N. H.; Naidu, J. R. and Pearcy, W. G. MERCURY CONCENTRATIONS IN PACIFIC HAKE, /MERLUCCIUS PRODUCTUS/ (AYRES), AS A FUNCTION OF LENGTH AND LATITUDE. *Science* 200 (4349): 1489-1491. 30 June 1978. SFA 23(4)

71-010108 Dawis, D. M. and Morgan, D. W. FISH COMMUNITIES IN THE VICINITY OF THE MICHIGAN CITY GENERATING STATION--PRELIMINARY RESULTS *Proc. Indiana Acad. Sci.* 87: 171. 1977. Abstract only. SFA 24(2)

71-010109 Dean, W. J., Jr. and Bailey, W. H. REPRODUCTIVE REPRESSION OF LARGEMOUTH BASS IN A HEATED RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:463-470. 1977[1979]. SFA 24(4)

71-010110 Deelstra, H.; Power, J. L. and Kenner, C. T. CHLORINATED HYDROCARBON RESIDUES IN THE FISH OF LAKE TANGANYIKA. *Bull. Environ. Contam. Toxicol.* 15 (6): 689-698. June 1976. SFA 21(4)

71-010111 DeGraeve, G. M. and Bergman, H. L. AQUATIC EFFECTS OF EFFLUENTS PRODUCED FROM /IN SITU/ RECOVERY OF SHALE OIL AND COAL. *J. Colo.-Wyo. Acad. Sci.* 11 (1): 13-14. Apr. 1979. Abstract only. SFA 24(3)

71-010112 Delisle, C. E. SNOW PRECIPITATION AS ONE FACTOR RESPONSIBLE FOR HIGH MERCURY LEVELS IN AQUATIC ORGANISMS. *Bull. Ecol. Soc. Am.* 59 (2): 65. June 1978. Abstract only. SFA 23(4)

71-010113 Diachenko, G. W. DETERMINATION OF SEVERAL INDUSTRIAL AROMATIC AMINES IN FISH. *Environ. Sci. Technol.* 13 (3): 329-333. Mar. 1979. SFA 24(2)

71-010114 Dickson, K. L.; Cairns, J., Jr.; Cherry, D. S. and Stauffer, J. R. AN ANALYSIS OF THE APPLICABILITY OF EPA'S DRAFT WATER-TEMPERATURE CRITERIA: A SITE-SPECIFIC CASE-HISTORY EVALUATION. *IN G. W. Esch and F. W. McFarlane (Eds.) Thermal Ecology II. ERDA Symp. Ser.* 40(CONF-750425). 316-326. 1976. SFA 22(4)

71-010115 Dillon, P. J.; Jefferies, D. S.; Snyder, W.; Reid, R.; Yan, N. D.; Evans, D.; Moss, J. and Scheider, W. A. ACIDIC PRECIPITATION IN SOUTH-CENTRAL ONTARIO: RECENT OBSERVATIONS. *J. Fish. Res. Board Can.* 35 (6): 809-815. June 1978. In English with French summ. SFA 23(3)

71-010116 Donovan, O.; Doyle, D.; O'Neill, C. and Kearns, E. OYSTER CREEK I: THERMAL PLUME IMPACT ON FISH DISTRIBUTIONS IN BARNEGAT BAY. *Underwater Nat.* 10 (3): 14-18. 1977. SFA 22(4)

71-010117 Doyle, R. T.; J. V. Merriner and M. E. Bender. DEPURATION OF KEPONE BY ATLANTIC CROAKER IN A LABORATORY STUDY. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:514-516. 1978[1979]. SFA 25(2)

71-010118 Dunn, B. P. and Fee, J. POLYCYCLIC AROMATIC HYDROCARBON CARCINOGENS IN COMMERCIAL SEAFOODS. *J. Fish. Res. Board Can.* 36(12):1469-1476. Dec. 1979. In English with French summ. SFA 25(1)

71-010119 Eagle, R. A.; Hardiman, P. A.; Norton, M. G. and Nunny, R. S. THE FIELD ASSESSMENT OF EFFECTS OF DUMPING WASTES AT SEA: 4. A SURVEY OF THE SEWAGE SLUDGE DISPOSAL AREA OFF PLYMOUTH. (Lowestoft) *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food* No. 50. 24p. 1979. SFA 25(1)

71-010120 Eagle, R. A.; Norton, M. G.; Nunny, R. S. and Rolfe, M. S. THE FIELD ASSESSMENT OF EFFECTS OF DUMPING WASTES AT SEA: 2. METHODS. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 47. 24p. 1978. SFA 24(2)

71-010121 Eagle, R. A.; P. A. Hardiman; M. G. Norton; R. S. Nunny and M. S. Rolfe. THE FIELD ASSESSMENT OF EFFECTS OF DUMPING WASTES AT SEA: 5. THE DISPOSAL OF SOLID WASTES OFF THE NORTH-EAST COAST OF ENGLAND. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 51. 34p. 1979. SFA 25(2)

71-010122 Eganhouse, R. P. and Young, D. R. TOTAL AND ORGANIC MERCURY IN BENTHIC ORGANISMS NEAR A MAJOR SUBMARINE WASTEWATER OUTFALL SYSTEM. *Bull. Environ. Contam. Toxicol.* 19 (6): 758-766. June 1978. SFA 23(4)

71-010123 Eidman, M. SPECIES COMPOSITON, ABUNDANCE AND DISTRIBUTION OF MICRO-CRUSTACEANS AND FISHES IN THE INTAKE AREA, DISCHARGE CANAL, AND COOLING LAKE OF THE CEDAR BAYOU ELECTRIC GENERATING STATION, NEAR BAYTOWN, TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 349p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1111. Sept. 1978. SFA 24(1)

71-010124 Eisenberg, M.; R. Mallman; and H. S. Tubiash. POLYCHLORINATED BIPHENYLS IN FISH AND SHELLFISH OF THE CHESAPEAKE BAY. *Mar. Fish. Rev.* 42(2):21-25. Feb. 1980. SFA 25(3)

71-010125 Elser, A. A. and Schreiber, J. C. ENVIRONMENTAL EFFECTS OF WESTERN COAL COMBUSTION. PART I--THE FISHES OF ROSEBUD CREEK, MONTANA. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-098. viii + 34p. Nov. 1978. SFA 24(4)

71-010126 Elzorgani, G. A.; Abdulla, A. M. and Ali, M. E. T. RESIDUES OF ORGANOCHLORINE INSECTICIDES IN FISHES IN LAKE NUBIA. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 44-48. May 1979. SFA 24(3)

71-010127 Ernst, W.; Goerke, H.; Eder, G. and Schaefer, R. G. RESIDUES OF CHLORINATED HYDROCARBONS IN MARINE ORGANISMS IN RELATION TO SIZE AND ECOLOGICAL PARAMETERS I. PCB, DDT, DDE, AND DDD IN FISHES AND MOLLUSCS FROM THE ENGLISH CHANNEL. *Bull. Environ. Contam. Toxicol.* 15 (1): 55-65. Jan. 1976. SFA 21(4)

71-010128 Euston, E. T. and D. Mathur. EFFECTS OF HEATED DISCHARGES ON THE WINTER FISHERY IN CONOWINGO POND, PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 53(2):156-160. 1979. SFA 25(3)

71-010129 FAO of the UN. REPORT OF THE SECOND SESSION OF THE ACMRR WORKING PARTY ON BIOLOGICAL ACCUMULATORS. *FAO Fish. Rep.* No. 165. v + 9p. 1975. SFA 23(1)

71-010130 FAO of the UN. REPORT OF THE FAO/UNEP EXPERT CONSULTATION ON CONTAMINANT MONITORING. DATA ON CONTAMINANTS IN AQUATIC ORGANISMS. *FAO Fish. Rep.* No. 161. iii + 30p. Mar. 1975. SFA 22(3)

71-010131 Fediy, S. P. THE EFFECT OF HIGHLY MINERALIZED MINE WATERS ON THE FISH FAUNA OF WATERS IN THE UKRAINIAN STEPPE ZONE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 847-849. 1975. SFA 22(1)

71-010132 Fey, J. M. DIE AUFHEIZUNG EINES MITTELGEBIRGSFLUSSES UND IHRE AUSWIRKUNGEN AUF DIE ZOOZOENOSE--DARGESTELLT AN DER LENNE (SAUERLAND). [THE HEATING OF A MOUNTAIN STREAM AND THE EFFECTS ON THE ZOOCOENOSIS DEMONSTRATED ON THE LENNE (SAUERLAND).] *Arch. Hydrobiol. Supplementb.* 53 (3): 307-363. 1977. In German with English summ. SFA 23(3)

71-010133 Fiance, S.; Hall, R. J. and Likens, G. E. THE EFFECTS OF EXPERIMENTAL ACIDIFICATION ON A SMALL STREAM COMMUNITY. *Bull. Ecol. Soc. Am.* 59 (2): 67. June 1978. Abstract only. SFA 23(4)

71-010134 Finlayson, B. and D. Wilson. ACID-MINE WASTE--HOW IT AFFECTS KING SALMON IN THE UPPER SACRAMENTO RIVER. *Outdoor Calif.* 40(6):8-12. Nov.-Dec. 1979. SFA 25(2)

71-010135 Folmar, L. C. EFFECTS OF SHORT-TERM FIELD APPLICATIONS OF ACROLEIN AND 2,4-D (DMA) ON FLAVOR OF THE FLESH OF RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 24(2):217-224. Feb. 1980. SFA 25(2)

71-010136 Fore, P. L., (ed.). PROCEEDINGS OF THE 1977 OIL SPILL RESPONSE WORKSHOP. *U.S. Fish Wildl. Serv.* FWS/OBS/77-24. vi + 153p. Sept. 1977. SFA 23(3)

71-010137 Forester, R. T. GEOTHERMAL ENERGY AND THE ENVIRONMENT. *Cal-Neva Wildl.* 1979:78-82. 1979. SFA 25(2)

71-010138 Foster, P.; Hunt, T. E. and Morris, A. W. METALS IN AN ACID MINE STREAM AND ESTUARY. *Sci. Total Environ.* 9 (1): 75-86. Jan. 1978. SFA 23(2)

71-010139 Fowler, S. W. and Elder, D. L. PCB AND DDT RESIDUES IN A MEDITERRANEAN PELAGIC FOOD CHAIN. *Bull. Environ. Contam. Toxicol.* 19 (2): 244-249. Feb. 1978. SFA 23(3)

71-010140 Fox, J. L.; Bresonik, P. L. and Keirn, M. A. LAKE DRAWDOWN AS A METHOD OF IMPROVING WATER QUALITY. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-005. x + 94p. Jan. 1977. SFA 23(3)

71-010141 Fox, M. E. PERSISTENCE OF DISSOLVED ORGANIC COMPOUNDS IN KRAFT PULP AND PAPER MILL EFFLUENT PLUMES. *J. Fish. Res. Board Can.* 34 (6): 798-804. June 1977. In English with French summ. SFA 22(3)

71-010142 Gale, W. F. and Mohr, H. W., Jr. FISH SPAWNING IN A LARGE PENNSYLVANIA RIVER RECEIVING MINE EFFLUENTS. *Proc. Pa. Acad. Sci.* 50 (2): 160-162. 1976. SFA 22(3)

71-010143 Gale, W. F.; Jacobsen, T. V. and Smith, K. M. IRON, AND ITS ROLE IN A RIVER POLLUTED BY MINE EFFLUENTS. *Proc. Pa. Acad. Sci.* 50 (2): 182-195. 1976. SFA 22(3)

71-010144 Gallaway, B. J. SEASONAL ABUNDANCE AND DISTRIBUTION OF MARINE FISHES AT A HOT-WATER DISCHARGE IN GALVESTON BAY, TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 112p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3127. Jan. 1979. SFA 24(2)

71-010145 Galloway, J. N.; Schofield, C. L.; Yost, E. and Likens, G. E. INFLUENCE OF ACID PRECIPITATION ON THE WATER AND SEDIMENT GEOCHEMISTRY OF ADIRONDACK MOUNTAIN LAKES. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010146 Gammon, J. R. THE FISH COMMUNITY AS AN INDICATOR OF WATER QUALITY. *Proc. Indiana Acad. Sci.* 87: 172. 1977. Abstract only. SFA 24(2)

71-010147 Gannon, J. ACID RAIN FALLOUT: POLLUTION & POLITICS. *Natl. Parks Conserv. Mag.* 52 (10): 16-21. Oct. 1978. SFA 24(1)

71-010148 Gardner, W. S.; Kendall, D. R.; Odom, R. R.; Windom, H. L. and Stephens, J. A. THE DISTRIBUTION OF METHYL MERCURY IN A CONTAMINATED SALT MARSH ECOSYSTEM. *Environ. Pollut.* 15 (4): 243-251. Apr. 1978. SFA 23(3)

71-010149 Gardner, W. S.; Windom, H. L.; Kendall, D. R. and Odum, R. R. THE DISTRIBUTION OF METHYLMERCURY IN ORGANISMS AND OTHER COMPONENTS OF A CONTAMINATED SALT MARSH ESTUARINE ECOSYSTEM. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010150 Gergely, A.; Soos, K.; Erdelyi, L. and Cieleszky, V. DETERMINATION OF MERCURY IN FISH FROM RIVERS AND LAKES IN HUNGARY BY ATOMIC ABSORPTION TECHNIQUE. *Toxicology* 7 (3): 349-355. June 1977. SFA 22(4)

71-010151 Gibbons, J. W.; Bennett, D. H.; Esch, G. W. and Hazen, T. C. EFFECTS OF THERMAL EFFLUENT ON BODY CONDITION OF LARGEMOUTH BASS. *Nature* 274(5670):470-471. 3 Aug. 1978. SFA 23(4)

71-010152 Gilfallan, E. S. and Vandermeulen, J. H. ALTERATIONS IN GROWTH AND PHYSIOLOGY OF SOFT-SHELL CLAMS, /MYA ARENARIA/, CHRONICALLY OILED WITH BUNKER C FROM CHEDABUCTO BAY, NOVA SCOTIA, 1970-76. *J. Fish. Res. Board Can.* 35 (5): 630-636. May 1978. In English with French summ. SFA 23(3)

71-010153 Goehle, K. H. DISTRIBUTIONAL RESPONSES OF BENTHIC MACROINVERTEBRATES TO A THERMAL DISCHARGE. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 243p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5738. June 1979. SFA 24(4)

71-010154 Goerke, H.; Eder, G.; Weber, K. and Ernst, W. PATTERNS OF ORGANOCHLORINE RESIDUES IN ANIMALS OF DIFFERENT TROPHIC LEVELS FROM THE WESER ESTUARY. *Mar. Pollut. Bull.* 10 (5): 127-132. May 1979. SFA 24(4)

71-010155 Goldman, J. C. CHLORINE IN THE MARINE ENVIRONMENT. *Oceanus* 22 (2): 36-43. 1979. SFA 24(4)

71-010156 Gordon, D. C., Jr.; Dale, J. and Keizer, P. D. IMPORTANCE OF SEDIMENT WORKING BY THE DEPOSIT-FEEDING POLYCHAETE /ARENICOLA MARINA/ ON THE WEATHERING RATE OF SEDIMENT-BOUND OIL. *J. Fish. Res. Board Can.* 35 (5): 591-603. May 1978. In English with French summ. SFA 23(3)

71-010157 Gorham, E. ACID PRECIPITATION AND ITS INFLUENCE UPON AQUATIC ECOSYSTEMS--AN OVERVIEW. *Water Air Soil Pollut.* 6 (2,3,4): 457-481. Sept.-Oct.-Nov. 1976. SFA 22(3)

71-010158 Gover, J. W. CONCENTRATIONS OF ARSENIC, SELENIUM AND TEN HEAVY METALS IN SCHOOL SHARK, *GALEORHINUS AUSTRALIS* (MACLEAY), AND GUMMY SHARK, *MUSTELUS ANTARCTICUS* GÜNTHER, FROM SOUTH-EASTERN AUSTRALIAN WATERS. *Aust. J. Mar. Freshwater Res.* 30(4):505-510. Aug. 1979. SFA 25(2)

71-010159 Grahl-Nielsen, O.; Staveland, J. T. and Welhelmsen, S. AROMATIC HYDROCARBONS IN BENTHIC ORGANISMS FROM COASTAL AREAS POLLUTED BY IRANIAN CRUDE OIL. *J. Fish. Res. Board Can.* 35 (5): 615-623. May 1978. In English with French summ. SFA 23(3)

71-010160 Gray, L. J. and Ward, J. V. ENVIRONMENTAL EFFECTS OF OIL SHALE MINING AND PROCESSING. PART II--THE AQUATIC MACROINVERTEBRATES OF THE PICEANCE BASIN, COLORADO, PRIOR TO OIL SHALE PROCESSING. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-097. viii + 40p. Oct. 1978. SFA 24(4)

71-010161 Greer, G. L. and Kosakoski, G. J. AVOIDANCE OF SEAWATER DILUTIONS OF KRAFT PULP MILL EFFLUENT BY SEAWATER ACCLIMATED PINK SALMON FRY. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 831. iii + 11p. Nov. 1978. In English with French summ. SFA 24(3)

71-010162 Greig, R. A. and Krzynowek, J. MERCURY CONCENTRATIONS IN THREE SPECIES OF TUNAS COLLECTED FROM VARIOUS OCEANIC WATERS. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 120-127. May 1979. SFA 24(3)

71-010163 Greig, R. A. and Wenzloff, D. R. TRACE METALS IN FINFISH FROM THE NEW YORK BIGHT AND LONG ISLAND SOUND. *Mar. Pollut. Bull.* 8 (9): 198-200. Sept. 1977. SFA 23(1)

71-010164 Greig, R. A.; Wenzloff, D.; Shelpuk, C. and Adams, A. MERCURY CONCENTRATIONS IN THREE SPECIES OF FISH FROM NORTH ATLANTIC OFFSHORE WATERS. *Arch. Environ. Contam. Toxicol.* 5(3):315-323. 1977. SFA 22(3)

71-010165 Greig, R. A.; Wenzloff, D.; Shelpuk, C. and Adams, A. MERCURY CONCENTRATIONS IN THREE SPECIES OF FISH FROM NORTH ATLANTIC OFFSHORE WATERS. *Arch. Environ. Contam. Toxicol.* 5 (3): 315-323. 1977. SFA 22(4)

71-010166 Gretch, F. M.; Barry, T. L.; Petzinger, G. and Geltman, J. IDENTIFICATION OF THE HERBICIDE 2,4,6-TRICHLOROPHENYL P^4-NITROPHENYL ETHER IN IMPORTED RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 23(1/2):165-169. Sept. 1979. SFA 25(1)

71-010167 Grove, P. and Moller, P. ELECTRIC FISH AS A TOOL FOR WATER QUALITY ASSESSMENT. *Trans. Am. Fish. Soc.* 108(4):420-421. July 1979. SFA 25(1)

71-010168 Gruber, D.; Cairns, J., Jr.; Dickson, K. L.; Hendricks, A. C.; Cavell, M. A.; Landers, J. D., Jr.; Miller, W. R. III and Showalter, W. J., Jr. THE CONSTRUCTION, DEVELOPMENT, AND OPERATION OF A FISH BIOLOGICAL MONITORING SYSTEM. *U. S. Army Contractor Rep.* ARCSL-CR-78040. viii + 79p. Aug. 1978. SFA 24(2)

71-010169 Gump, B. H.; Hertz, H. S.; May, W. E. and Chesler, S. N. THE HYDROCARBON BURDEN IN THE MARINE ENVIRONMENT SURROUNDING A REFINERY TANKER JETTY. *J. Environ. Sci. Health A Environ. Sci. Eng.* 12 (3): 105-113. 1977. SFA 22(3)

71-010170 Gustavson, T. C.; McGraw, M. M.; Tandy, M.; Parker, F. and Wohlschlag, D. E. ECOLOGICAL IMPLICATIONS OF GEOPRESSURED-GEOTHERMAL ENERGY DEVELOPMENT TEXAS-LOUISIANA GULF COAST REGION. *U.S. Fish Wildl. Serv.* FWS/OBS-78/60. 670p. Aug. 1977. SFA 24(3)

71-010171 Haile, C. L.; Veith, G. D.; Lee, G. F. and Boyle, W. C. CHLORINATED HYDROCARBONS IN THE LAKE ONTARIO ECOSYSTEM (IFYGL). *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-022. v + 28p. June 1975. SFA 21(1).

71-010172 Hall, A. S.; Teeny, F. M.; Lewis, L. G.; Hardman, W. H. and Gauglitz, E. J., Jr. MERCURY IN FISH AND SHELLFISH OF THE NORTHEAST PACIFIC. I. PACIFIC HALIBUT, /HIPPOGLOSSUS STENOLEPIS/. *NOAA Fish. Bull.* 74(4):783-789. Oct. 1976. SFA 22(2)

71-010173 Hall, A. S.; Teeny, F. M. and Gauglitz, E. J., Jr. MERCURY IN FISH AND SHELLFISH OF THE NORTHEAST PACIFIC. II. SABLEFISH, /ANOPLOPOMA FIMBRIA/. *NOAA Fish. Bull.* 74(4):791-797. Oct. 1976. SFA 22(2)

71-010174 Hall, A. S.; Teeny, F. M. and Gauglitz, E. J., Jr. MERCURY IN FISH AND SHELLFISH OF THE NORTHEAST PACIFIC. III. SPINY DOGFISH, /SQUALUS ACANTHIAS/. *NOAA Fish. Bull.* 75(3):642-645. July 1977. SFA 23(1)

71-010175 Hall, R. A.; Zook, E. G. and Meaburn, G. M. NATIONAL MARINE FISHERIES SERVICE SURVEY OF TRACE ELEMENTS IN THE FISHERY RESOURCE. *NOAA Tech. Rep. NMFS SSRF* 721. iii + 313p. Mar. 1978. SFA 23(3)

71-010176 Hamilton, R. D. AQUATIC ENVIRONMENTAL QUALITY: TOXICOLOGY. *J. Fish. Res. Board Can.* 33 (11): 2671-2688. Nov. 1976. In English with French summ. SFA 21(4).

71-010177 Hampson, G. R. and Moul, E. T. NO. 2 FUEL OIL SPILL IN BOURNE, MASSACHUSETTS: IMMEDIATE ASSESSMENT OF THE EFFECTS ON MARINE INVERTEBRATES AND A 3-YEAR STUDY OF GROWTH AND RECOVERY OF A SALT MARSH. *J. Fish. Res. Board Can.* 35 (5): 731-744. May 1978. In English with French summ. SFA 23(3)

71-010178 Hancock, D. A.; Edmonds, J. S. and Edinger, J. R. MERCURY IN SHARK IN WESTERN AUSTRALIA. A PRELIMINARY REPORT. *Fish. Res. Bull. West. Aust.* No. 18. 21p. 1977. SFA 24(1)

71-010179 Harbo, R. M. and Birtwell, I. K. MERCURY CONTAMINATION OF SOME MARINE ORGANISMS FROM HOWE SOUND, BRITISH COLUMBIA. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 763. vi + 49p. Mar. 1978. In English with French summ. SFA 23(4)

71-010180 Harding, G. C. H. and Vass, W. P. UPTAKE FROM SEAWATER AND CLEARANCE OF /P,P'/-DDT BY MARINE PLANKTONIC CRUSTACEA. *J. Fish Res. Board Can.* 36 (3): 247-254. Mar. 1979. In English with French summ. SFA 24(3)

71-010181 Hargrave, B. T. and Phillips, G. A. DDT RESIDUES IN BENTHIC INVERTEBRATES AND DEMERSAL FISH IN ST. MARGARET'S BAY, NOVA SCOTIA. *J. Fish. Res. Board Can.* 33 (8): 1692-1698. Aug. 1976. In English with French summ. SFA 21(3).

71-010182 Harrell, R. D.; R. L. Fuller and T. J. Edwards. AN INVESTIGATION OF THE FISH COMMUNITY OF BELEWS LAKE, NORTH CAROLINA. *Duke Power Co., Charlotte, N. C.* DUKE PWR/78-07. 64p. Oct. 1978. SFA 25(2)

71-010183 Harvey, H. H. AQUATIC ENVIRONMENTAL QUALITY: PROBLEMS AND PROPOSALS. *J. Fish. Res. Board Can.* 33 (11): 2634-2670. Nov. 1976. In English with French summ. SFA 21(4).

71-010184 Hashemy-Tonkabony, S. E. and Gharibzadeh, M. DETECTION AND DETERMINATION OF CHLORINATED PESTICIDE RESIDUES IN FISH FROM TEHRAN RESERVOIRS. *Environ. Res.* 18 (2): 276-280. Apr. 1979. SFA 24(3)

71-010185 Hashemy-Tonkabony, S. E. and Langaroodi, F. A. DETECTION AND DETERMINATION OF CHLORINATED PESTICIDE RESIDUES IN CASPIAN SEA FISH BY GAS-LIQUID CHROMATOGRAPHY. *Environ. Res.* 12 (3): 275-280. Dec. 1976. SFA 22(3)

71-010186 Hattula, M. L.; Janatuinen, J.; Sarkka, J. and Paasivirta, J. A FIVE-YEAR MONITORING STUDY OF THE CHLORINATED HYDROCARBONS IN THE FISH OF A FINNISH LAKE ECOSYSTEM. *Environ. Pollut.* 15 (2): 121-139. Feb. 1978. SFA 23(3)

71-010187 Hattula, M. L.; Sarkka, J.; Janatuinen, J.; Paasivirta, J. and Roos, A. TOTAL MERCURY AND METHYL MERCURY CONTENTS IN FISH FROM LAKE PAIJANNE. *Environ. Pollut.* 17 (1): 19-29. Sept. 1978. SFA 24(1)

71-010188 Haynes, R. J. THE SURFACE MINING CONTROL AND RECLAMATION ACT OF 1977 AND POTENTIAL IMPACTS ON FISH AND WILDLIFE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:790-796. 1978[1979] SFA 25(2)

71-010189 Heit, M. VARIABILITY OF THE CONCENTRATIONS OF SEVENTEEN TRACE ELEMENTS IN THE MUSCLE AND LIVER OF A SINGLE STRIPED BASSD, /MORONE SAXATILIS/. *Bull. Environ. Contam. Toxicol.* 23(1/2):1-5. Sept. 1979. SFA 25(1)

71-010190 Hendrey, G. R. and Wright, R. F. ACID PRECIPITATION IN NORWAY: EFFECTS ON AQUATIC FAUNA. *J. Great Lakes Res.* 2 (Suppl. 1): 192-207. 1976. SFA 22(3)

71-010191 Hendrey, G. R.; Borgstrom, R. and Raddum, G. ACID PRECIPITATION IN NORWAY: EFFECTS ON BENTHIC FAUNAL COMMUNITIES. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010192 Hendricks, D. W. and Bluestein, M. H. RESPONSE OF SOUTH PLATTE TO EFFLUENT LIMITATIONS. *Proc. Am. Soc. Civ. Eng., J. Environ. Eng. Div.* 102(EE4):745-768. Aug. 1976. SFA 21(2).

71-010193 Henriksen, A. PAVISNING OG MALING AV FORSURING AV OVERFLATEVANN. [IDENTIFYING AND MEASURING ACIDIFICATION OF FRESHWATER.] *Nor. Inst. Vannforsk.* 1978: 13-19. 1979. In Norwegian with English summ. SFA 24(4)

71-010194 Hergott, S.; Jenkins, D. and Thomas, J. F. POWER PLANT COOLING WATER CHLORINATION IN NORTHERN CALIFORNIA. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-032. xii + 65p. Mar. 1978. SFA 24(4)

71-010195 Herricks, E. E. and Cairns, J., Jr. THE EFFECTS OF LIME NEUTRALIZATION OF ACID MINE DRAINAGE ON STREAM ECOLOGY. *Presented at 32nd Annu. Conf. Purdue Ind. Waste Conf.* 23p. May 1977. SFA 23(3)

71-010196 Hester, F. J. ECONOMIC ASPECTS OF THE EFFECTS OF POLLUTION ON THE MARINE AND ANADROMOUS FISHERIES OF THE WESTERN UNITED STATES OF AMERICA. *FAO Fish. Tech. Pap.* No. 162. vii + 34p. Oct. 1976. SFA 23(2)

71-010197 Hewett, C. J. and Jefferies, D. F. THE ACCUMULATION OF RADIOACTIVE CAESIUM FROM FOOD BY THE PLAICE /PLEURONECTES PLATESSA/ AND THE BROWN TROUT /SALMO TRUTTA/. *J. Fish Biol.* 13(2):143-153. Aug. 1978. SFA 24(1)

71-010198 Hildebrand, S. G.; R. H. Strand and J. W. Huckabee. MERCURY ACCUMULATION IN FISH AND INVERTEBRATES OF THE NORTH FORK HOLSTON RIVER, VIRGINIA AND TENNESSEE. *J. Environ. Qual.* 9(3):393-400. July-Sept. 1980. SFA 25(4)

71-010199 Hill, D. M.; Taylor, E. A. and Saylor, C. F. STATUS OF FAUNAL RECOVERY IN THE NORTH FORK HOLSTON RIVER, TENNESSEE AND VIRGINIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 398-413. 1975. SFA 21(3).

71-010200 Hill, J. IV; Kollig, H. P.; Paris, D. F.; Wolfe, N. L. and Zepp, R. G. DYNAMIC BEHAVIOR OF VINYL CHLORIDE IN AQUATIC ECOSYSTEMS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-011. ix + 63p. Jan. 1976. SFA 21(1).

71-010201 Hilsenhoff, W. L. USE OF ARTHROPODS TO EVALUATE WATER QUALITY OF STREAMS. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 100. 15p. 1977. SFA 23(1)

71-010202 Horowitz, A. and Presley, B. J. TRACE METAL CONCENTRATIONS AND PARTITIONING IN ZOOPLANKTON, NEUSTON, AND BENTHOS FROM THE SOUTH TEXAS OUTER CONTINENTAL SHELF. *Arch. Environ. Contam. Toxicol.* 5 (2): 241-255. 1977.

71-010203 Howells, G. IN AND OUT OF HOT WATER. *Mar. Pollut. Bull.* 8 (11): 245-248. Nov. 1977. SFA 23(1)

71-010204 Hubert, W. A. ALDRIN AND DDT RESIDUES IN CARP FROM IMPOUNDED AND RIVERINE SEGMENTS OF THE DES MOINES RIVER, 1979. *Proc. Iowa Acad. Sci.* 87(1):12. Mar. 1980. Abstract only. SFA 25(2)

71-010205 Hudson, P. L. and S. J. Nichols. RELATION BETWEEN ZOOPLANKTON MIGRATION AND ENTRAINMENT IN A SOUTH CAROLINA COOLING RESERVOIR. *Proc. Waste Heat Manage. Util. Conf.* 26:1-15. 1979. SFA 25(4)

71-010206 Hudson, P. L. THERMAL EFFLUENT AND THE DISTRIBUTION AND ABUNDANCE OF BENTHOS IN KEOWEE RESERVOIR, SOUTH CAROLINA. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010207 Hughes, B. D. THE INFLUENCE OF FACTORS OTHER THAN POLLUTION ON THE VALUE OF SHANNON'S DIVERSITY INDEX FOR BENTHIC MACRO-INVERTEBRATES IN STREAMS. *Water Res.* 12 (5): 359-364. 1978. SFA 24(2)

71-010208 Hurlbert, S. H. SECONDARY EFFECTS OF PESTICIDES ON AQUATIC ECOSYSTEMS. *Residue Rev.* 58: 81-148. 1975. SFA 21(3).

71-010209 Huschenbeth, E. and Harms, U. ON THE ACCUMULATION OF ORGANOCHLORINE PESTICIDES, PCB AND CERTAIN HEAVY METALS IN FISH AND SHELLFISH FROM THAI COASTAL AND INLAND WATERS. *Arch. Fischereiwiss.* 26 (3): 109-122. Apr. 1975. In English with German summ. SFA 21(4)

71-010210 Ikeda, S. and T. Yokoi. FISH POPULATION DYNAMICS UNDER NUTRIENT ENRICHMENT--A CASE OF THE EAST SETO INLAND SEA. *Ecol. Model.* 10(3/4):141-165. Aug. 1980. SFA 25(4)

71-010211 Ikenberry, E. A. and Fairchild, E. D. A REPORT ON THE EFFECTS OF INORGANIC POLLUTION ON THE ALGAE AND FISH COMMUNITIES OF SHORT CREEK. *Trans. Kans. Acad. Sci.* 81:107. 1978. Abstract only. SFA 24(4)

71-010212 Intergovernmental Oceanographic Commission. A COMPREHENSIVE PLAN FOR THE GLOBAL INVESTIGATION OF POLLUTION IN THE MARINE ENVIRONMENT AND BASELINE STUDY GUIDELINES. *Intergov. Ocenaogr. Comm. Tech. Ser.* 14. 42p. 1976. SFA 22(3)

71-010213 Jacobsen, O. J. NOEN SYNSPUNKTER PÅ FORHOLDET FISK-SURT VANN. [SOME ASPECTS OF THE RELATION BETWEEN FISH AND ACID WATER] *Fauna (Oslo)* 31(1)1-10. 1978. In Norwegian with English summ. SFA 25(2)

71-010214 Jan, J. and S. Malneršič. CHLORINATED BENZENE RESIDUES IN FISH IN SLOVENIA (YUGOSLAVIA). *Bull. Environ. Contam. Toxicol.* 24(6):824-827. June 1980. SFA 25(4)

71-010215 Jaworski, E. and Raphael, C. N. THE CONFINED DISPOSAL PROGRAM FOR POLLUTED DREDGED SPOIL IN THE GREAT LAKES. *Coast. Zone Manage. J. (Copywrite Crane, Russak & Co., N.Y.)* 3 (1): 91-96. 1976. SFA 22(2)

71-010216 Jhingran, V. G. FISHERIES IN INDIA IN THE CONTEXT OF AQUATIC POLLUTION. *Int. J. Ecol. Environ. Sci.* 1: 15-18. 1974. SFA 24(3)

71-010217 Johnson, M. G. CALORIC CHANGES ALONG PULP AND PAPER MILL EFFLUENT PLUMES. *J. Fish. Res. Board Can.* 34 (6): 784-790. June 1977. In English with French summ. SFA 22(3)

71-010218 Jones, R. S.; Randall, R. H. and Wilder, M. J. BIOLOGICAL IMPACT CAUSED BY CHANGES ON A TROPICAL REEF. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-027. xiii + 209p. Apr. 1976. SFA 21(2).

71-010219 Jorgensen, S. E. MODELLING THE DISTRIBUTION AND EFFECT OF HEAVY METALS IN AN AQUATIC ECOSYSTEM. *Ecol. Model.* 6 (3): 199-222. Mar. 1979. SFA 24(3)

71-010220 Juul, R. B. and Shireman, J. V. A BIOLOGICAL ASSESSMENT OF FISH AND BENTHIC POPULATIONS INHABITING A KRAFT MILL EFFLUENT CHANNEL. *Water Res.* 12 (9): 691-701. 1978. SFA 24(1)

71-010221 Kaiser, K. L. E. and Valdmanis, I. ORGANOCHLORINE CONTAMINANTS IN A SEA LAMPREY (/PETROMYZON MARINUS/) FROM LAKE ONTARIO. *J. Great Lakes Res.* 4 (2): 234-236. 1978. SFA 24(2)

71-010222 Kaiser, K. L. E. ORGANIC CONTAMINANT RESIDUES IN FISHES FROM NIPIGON BAY, LAKE SUPERIOR. *J. Fish. Res. Board Can.* 34 (6): 850-855. June 1977. In English with French summ. SFA 22(3)

71-010223 Kalmaz, E. V. and Kalmaz, G. D. TRANSPORT, DISTRIBUTION AND TOXIC EFFECTS OF POLYCHLORINATED BIPHENYLS IN ECOSYSTEMS: REVIEW. *Ecol. Model.* 6 (3): 223-251. Mar. 1979. SFA 24(3)

71-010224 Kalmaz, E. V. TOXICITY AND ECOLOGICAL SIGNIFICANCE OF TRACE ELEMENTS IN AQUATIC ENVIRONMENTS. *J. Environ. Sci.* 23(5):24-27. Sept.-Oct. 1980. SFA 25(4)

71-010225 Karapetian, J. V. and Shahmoradi, A. M. ARSENIC CONCENTATION IN CANNED TUNA FISH AND SARDINE. *Bull. Environ. Contam. Toxicol.* 20 (5): 602-605. Nov. 1978. SFA 24(1)

71-010226 Karrick, N. L. and Gruger, E. H., Jr. POLLUTION IN THE NORTHEAST PACIFIC OCEAN. *Mar. Fish. Rev.* 38 (11): 2-19. Nov. 1976. SFA 22(2)

71-010227 Kauffman, J. EFFECT OF A MERCURY-INDUCED CONSUMPTION BAN ON ANGLING PRESSURE: SOUTH FORK OF THE SHENANDOAH RIVER, VIRGINIA. *Fisheries (Bull. Am. Fish. Soc.)* 5(1):10-12. Jan.-Feb. 1980. SFA 25(2)

71-010228 Kearns, P. K.; G. J. Atchison and R. J. Vetter. IMPACT OF HEAVY METALS ON THE GROWTH OF YELLOW PERCH (*PERCA FLAVESCENS*) AS MEASURED BY RNA-DNA RATIOS. *Proc. Indiana Acad. Sci.* 88:161-162. 1979. Abstract only. SFA 25(3)

71-010229 Keck, G. and Raffenot, J. CHEMICAL CONTAMINATION BY PCBS IN THE FISHES OF A FRENCH RIVER: THE FURANS (JURA). *Bull. Environ. Contam. Toxicol.* 21 (4/5): 689-696. Mar. 1979. SFA 24(3)

71-010230 Keizer, P. D.; Ahern, T. P.; Dale, J. and Vandermeulen, J. H. RESIDUES OF BUNKER C OIL IN CHEDABUCTO BAY, NOVA SCOTIA, 6 YEARS AFTER THE /ARROW/ SPILL. *J. Fish. Res. Board Can.* 35 (5): 528-535. May 1978. In English with French summ. SFA 23(3)

71-010231 Kelso, J. R. M. MOVEMENT OF YELLOW PERCH (/PERCA FLAVESCENS/) AND WHITE SUCKER (/CATOSTOMUS COMMERSONI/) IN A NEARSHORE GREAT LAKES HABITAT SUBJECT TO A THERMAL DISCHARGE. *J. Fish. Res. Board Can.* 33(1):42-53. Jan. 1976. In English with French summ. SFA 21(1).

71-010232 Kelso, J. R. M. DENSITY, DISTRIBUION, AND MOVEMENT OF NIPIGON BAY FISHES IN RELATION TO A PULP AND PAPER MILL EFFLUENT. *J. Fish. Res. Board Can.* 34 (6): 879-885. June 1977. In English with French summ. SFA 22(3)

71-010233 Kelso, J. R. M.; Minns, C. K. and Brouzes, R. J. P. PULP AND PAPER MILL EFFLUENT IN A FRESHWATER ENVIRONMENT. *J. Fish. Res. Board Can.* 34 (6): 771-775. June 1977. In English with French summ. SFA 22(3)

71-010234 Kemp, W. M. ENERGY ANALYSIS AND ECOLOGICAL EVALUATION OF A COASTAL POWER PLANT. *Ph.D. dissertation, Univ. Fla.* 582p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2600. Dec. 1977. SFA 23(3)

71-010235 Kempf, C. and Sittler, B. LA POLLUTION DE LA ZOOCENOSE RHENANE PAR LE MERCURE ET LES PRODUITS ORGANOCHLORES. [MERCURY AND ORGANOCHLORINE POLLUTION IN THE RHINE RIVER BASIN; ITS EFFECTS UPON BIRD AND FISH POPULATIONS.] *Terre Vie* 31 (4): 661-668. 1977. In French with English summ. SFA 23(1)

71-010236 King, J. M.; Ward, C. H.; Characklis, W. G. and Roe, F. L. IMPACT OF WATERSHED DEVELOPMENT ON A RECEIVING STREAM. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010237 Klemmer, H. W.; Unninayer, C. S. and Okubo, W. I. MERCURY CONTENT OF BIOTA IN COASTAL WATERS IN HAWAII. *Bull. Environ. Contam. Toxicol.* 15 (4): 454-457. Apr. 1976. SFA 21(4)

71-010238 Klose, P. N. EFFECTS OF A ZINC MINE EFFLUENT ON THE BENTHIC MACROINVERTEBRATE FAUNA OF SAUCON CREEK, LEHIGH AND NORTHAMPTON COUNTIES, PENNSYLVANIA. *Ph.D. dissertation, Lehigh Univ.* 214p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1113. Sept. 1978. SFA 24(1)

71-010239 Kobayashi, R.; Hirata, E.; Shiomi, K.; Yamanaka, H. and Kikuchi, T. [HEAVY METAL CONTENTS IN DEEP-SEA FISHES.] *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 493-497. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-010240 Koidsumi, K. [POLLUTION OF INLAND WATER WITH SPECIAL REFERENCE TO THE POLLUTION DUE TO EFFLUENTS FROM ELECTRO-PLATING.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:93-102. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-010241 Koidsumi, K. [POLLUTION OF INLAND WATER WITH SPECIAL REFERENCE TO THE POLLUTION DUE TO EFFLUENTS FROM ELECTRO-PLATING.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 93-102. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-010242 Koli, A. K. and Canty, W. T. DETERMINATION OF METHYLMERCURY IN FISH OF SOUTH CAROLINA. *Bull. Environ. Contam. Toxicol.* 20 (4): 537-543. Oct. 1978. SFA 24(1)

71-010243 Koli, A. K.; Sandhu, S. S.; Canty, W. T.; Felix, K. L.; Reed, R. J. and Whitmore, R. TRACE METALS IN SOME FISH SPECIES OF SOUTH CAROLINA. *Bull. Environ. Contam. Toxicol.* 20 (3): 328-331. Sept. 1978. SFA 24(1)

71-010244 Korda, R. J.; Henzler, T. E.; Helmke, P. A.; Jimenez, M. M.; Haskin, L. A. and Larsen, E. M. TRACE ELEMENTS IN SAMPLES OF FISH, SEDIMENT AND TACONITE FROM LAKE SUPERIOR. *J. Great Lakes Res.* 3 (1/2): 148-154. Oct. 1977. SFA 23(2)

71-010245 Kraft, K. J. /PONTOPOREIA/ DISTRIBUTION ALONG THE KEWEENAW SHORE OF LAKE SUPERIOR AFFECTED BY COPPER TAILINGS. *J. Great Lakes Res.* 5 (1): 28-35. 1979. SFA 24(4)

71-010246 Krebs, C. T. and Burns, K. A. LONG-TERM EFFECTS OF AN OIL SPILL ON POPULATIONS OF THE SALT-MARSH CRAB /UCA PUGNAX/. *J. Fish. Res. Board Can.* 35(5):648-649. May 1978. In English with French summ. SFA 23(3)

71-010247 Kromrey, G.; Boxrucker, J.; Mills, D.; Morgan, B.; Nebrija, E. and Young, J. INVERTEBRATE DISTRIBUTION ALONG A THERMAL GRADIENT IN A POWER PLANT COOLING LAKE. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010248 Kuehl, D. W.; Kopperman, H. L.; Veith, G. D. and Glass, G. E. ISOLATION AND IDENTIFICATION OF POLYCHLORINATED STYRENES IN GREAT LAKES FISH. *Bull. Environ. Contam. Toxicol.* 16 2):127-132. Aug. 1976. SFA 21(4)

71-010249 Kumagai, H. and Saeki, K. [CONTENTS OF TOTAL MERCURY, ALKYL MERCURY, AND METHYL MERCURY IN SOME COASTAL FISH AND SHELLS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 807-816. July 1978. In Japanese with English summ. SFA 24(1)

71-010250 Kumpf, H. E. ECONOMIC IMPACT OF THE EFFECTS OF POLLUTION ON THE COASTAL FISHERIES OF THE ATLANTIC AND GULF OF MEXICO REGIONS OF THE UNITED STATES OF AMERICA. *FOA Fish. Tech. Pap.* No. 172. vii + 79p. Aug. 1977. SFA 24(1)

71-010251 Kureishy, T. W.; M. D. George and R. S. Gupta. TOTAL MERCURY CONTENT IN SOME MARINE FISH FROM THE INDIAN OCEAN. *Mar. Pollut. Bull.* 10(12):357-360. Dec. 1979. SFA 25(2)

71-010252 Labat, R.; Roqueplo, C.; Ricard, J.-M.; Lim, P. and Burgat, M. ACTIONS ECOTOXICOLOGIQUES DE CERTAINS METAUX (CU-ZN-PB-CD) CHEZ LES POISSONS DULCAQUICOLES DE LA RIVIERE LOT. [THE ECOTOXICOLOGICAL ACTION OF SOME METALS (CU, ZN, PB, CD) ON FRESHWATER FISH IN THE RIVER LOT.] *Ann. Limnol.* 13 (2): 191-207. 1977. In French with English summ. SFA 23(2)

71-010253 Lamb, K. P. MERCURY LEVELS IN NINE SPECIES OF FISH FROM THE OK TEDI AND UPPER FLY RIVER. *Sci. New Guinea* 5 (1): 7-11. Apr. 1977. SFA 23(4)

71-010254 Landner, L.; Lindstrom, K.; Karlsson, M.; Nordin, J. and Sorensen, L. BIOACCUMULATION IN FISH OF CHLORINATED PHENOLS FROM KRAFT PULP MILL BLEACHERY EFFLUENTS. *Bull. Environ. Contam. Toxicol.* 18 (6): 663-673. Dec. 1977. SFA 23(2)

71-010255 Landry, A. M., Jr. LIFE HISTORY AND SUSCEPTIBILITY OF FISHES IN GALVESTON BAY, TEXAS TO POWER-PLANT COOLING-WATER OPERATIONS. (VOLUMES I AND II). *Ph.D. dissertation, Tex. A&M Univ.* 577p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1605. Oct. 1977. SFA 23(3)

71-010256 Lanigham, M. C. ZINC DYNAMICS IN AN ARTIFICIAL FRESHWATER ECOSYSTEM. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 251p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(9):4103. Mar. 1980. SFA 25(2)

71-010257 Larrick, S. R.; Dickson, K. L.; Cherry, D. S. and Cairns, J., Jr. DETERMINING FISH AVOIDANCE OF POLLUTED WATER. *Hydrobiologia* 61 (3): 257-265. 24 Nov. 1978. SFA 24(2)

71-010258 Lattimore, R. E. and Gibbons, J. W. BODY CONDITION AND STOMACH CONTENTS OF FISH INHABITING THERMALLY ALTERED AREAS. *Am. Midl. Nat.* 95(1):215-219. Jan. 1976. SFA 21(1).

71-010259 Laurent, M. and Calvet, F. UTILISATION DES POISSONS COMME INDICATEURS DE QUALITE DES EAUX, COMPARAISON AVEC LA METHODE DES INDICES BIOTEQUES. APPLICATIONS SUR LE LAXIA: RIVIERE DU PAYS BASQUE FRANCAIS ET LE GABAS: RIVIERE DES LANDES. [UTILIZATION OF FISH FOR WATER QUALITY DETERMINATION. COMPARISON WITH THE BIOTIC INDEX METHOD. APPLICATIONS TO THE LAXIA (FRENCH RIVER IN THE PAYS BASQUE) AND THE GABAS (FRENCH RIVER IN THE LANDES DEPARTMENT).] *Ann. Hydrobiol.* 8(1):67-87. 1977. In French with English summ. SFA 22(4)

71-010260 Leistritz, F. L. and T. A. Hertsgaard. ENVIRONMENTAL, ECONOMIC & SOCIAL IMPACTS OF A COAL GASIFICATION PLANT IN WESTERN NORTH DAKOTA. *N. Dak. Agric. Exp. Stn. Bull.* No. 509. xii + 160p. Feb. 1980. SFA 25(3)

71-010261 Lenat, D. R. EFFECTS OF POWER PLANT OPERATION ON THE BENTHOS OF LAKE HYCO, NORTH CAROLINA. *Presented at the 24th Annu. Meeting, N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010262 Leppakoski, E. J. and Lindstrom, L. S. RECOVERY OF BENTHIC MACROFAUNA FROM CHRONIC POLLUTION IN THE SEA AREA OFF A REFINERY PLANT, SOUTHWEST FINLAND. *J. Fish. Res. Board Can.* 35 (5): 766-775. May 1978. In English with French summ. SFA 23(3)

71-010263 Leslie, J. K. and Kelso, J. R. M. INFLUENCE OF A PULP AND PAPER MILL EFFLUENT ON ASPECTS OF DISTRUBITION, SURVIVAL AND FEEDING OF NIPIGON BAY, LAKE SUPERIOR, LARVAL FISH. *Bull. Environ. Contam. Toxicol.* 18 (5): 602-610. Nov. 1977. SFA 23(1)

71-010264 Leslie, J. K. CHARACTERIZATION OF SUSPENDED PARTICLES IN SOME PULP AND PAPER MILL EFFLUENT PLUMES. *J. Fish. Res. Board Can.* 34 (6): 791-797. June 1977. In English with French summ. SFA 22(3)

71-010265 Letterman, R. D. and Mitsch, W. J. IMPACT OF MINE DRAINAGE ON A MOUNTAIN STREAM IN PENNSYLVANIA. *Environ. Pollut.* 17 (1): 53-73. Sept. 1978. SFA 24(1)

71-010266 Leung, S. S. and Williams, J. C. COMMERCIAL FISHERY INVESTIGATIONS OF THE KENTUCKY RIVER. PART II: WATER AND SILT ANALYSIS. *Ky. Dep. Fish Wildl. Resour.* Proj. No. 2-186-R, Job 3. viii + 77p. Jan. 1975. SFA 21(1).

71-010267 Leung, S.-Y. T. THE EFFECT OF IMPOUNDING A RIVER ON THE PESTICIDE CONCENTRATION IN WARMWATER FISH. *Ph.D. dissertation, Iowa State Univ.* 164p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5129. May 1980. SFA 25(3)

71-010268 Levy, E. M. and Walton, A. HIGH SEAS OIL POLLUTION: PARTICULATE PETROLEUM RESIDUES IN THE NORTH ATLANTIC. *J. Fish. Res. Board Can.* 33 (12): 2781-2791. Dec. 1976. In English with French summ. SFA 22(1)

71-010269 Lewis, M. A. INFLUENCE OF AN OPEN-PIT COPPER MINE ON THE ECOLOGY OF AN UPPER SONORAN INTERMITTENT STREAM. *Ph.D. dissertation, Ariz. State Univ.* 122p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1033. Sept. 1977. SFA 23(3)

71-010270 Lewis, W. M., Jr. and M. C. Grant. ACID PRECIPITATION IN THE WESTERN UNITED STATES. *Science* 207(4427):176-177. 11 Jan. 1980. SFA 25(2)

71-010271 Liden, L. H. and Burton, D. T. RESPONSES OF SELECTED CHESAPEAKE BAY FISH AND INVERTEBRATE SPECIES TO NATURAL AND ARTIFICIAL THERMAL INCREASES--A REVIEW OF THE LITERATURE. *U.S. Dep. Commer. Natl. Tech. Inf. Serv.* PB-290 596. ii + 58p. 1978. SFA 24(3)

71-010272 Lincer, J. L.; Haynes, M. E. and Klein, M. L. THE ECOLOGICAL IMPACT OF SYNTHETIC ORGANIC COMPOUNDS ON ESTUARINE ECOSYSTEMS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-075. ix + 354p. Sept. 1976. SFA 23(2)

71-010273 Lindén, O.; R. Elmgren and P. Boehm. THE *TSESIS* OIL SPILL: ITS IMPACT ON THE COASTAL ECOSYSTEM OF THE BALTIC SEA. *Ambio* 8(6):244-253. 1979. SFA 25(2)

71-010274 Linko, R. R. and Terho, K. OCCURRENCE OF METHYL MERCURY IN PIKE AND BALTIC HERRING FROM THE TURKU ARCHIPELAGO. *Environ. Pollut.* 14 (3): 227-235. Nov. 1977. SFA 23(2)

71-010275 Little, R. W.; Scott, D. and Skrzynski, W., (eds.). PROCEEDINGS OF THE 1974 SEMINAR ON FRESHWATER POLLUTION IN NEW ZEALAND. *N.Z Minist. Agric. Fish. Fish. Tech. Rep.* No. 149. 147p. 1977. SFA 23(2)

71-010276 Livingston, R. J. IMPACT OF KRAFT PULP-MILL EFFLUENTS ON ESTUARINE AND COASTAL FISHES IN APALACHEE BAY, FLORIDA, USA. *Mar. Biol.* 32 (1): 19-48. 22 Sept. 1975. SFA 22(2)

71-010277 Longley, W. L.; Jackson, R. and Snyder, B. MANAGING OIL AND GAS ACTIVITIES IN COASTAL ENVIRONMENTS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/54. v + 66p. June 1978. SFA 24(1)

71-010278 Lopez, J. M. and Lee, G. F. ENVIRONMENTAL CHEMISTRY OF COPPER IN TORCH LAKE, MICHIGAN. *Water Air Soil Pollut.* 8 (4): 373-385. Oct. 1977. SFA 23(1)

71-010279 Lynch, J. A. and E. S. Corbett. ACID PRECIPITATION--A THREAT TO AQUATIC ECOSYSTEMS. *Fisheries (Bull. Am. Fish. Soc.)* 5(3):8-10, 12. May-June 1980. SFA 25(3)

71-010280 MacGregor, J. S. DDT AND ITS METABOLITES IN THE SEDIMENTS OFF SOUTHERN CALIFORNIA. *NOAA Fish. Bull.* 74(1):27-35. Jan. 1976. SFA 21(1).

71-010281 Maciorowski, A. F.; Benfield, E. F. and Hendricks, A. C. DISTRIBUTION AND ABUNDANCE OF MACROINVERTEBRATES IN THE KANAWHA RIVER, WEST VIRGINIA. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010282 Mackie, P. R.; Hardy, R. and Whittle, K. J. PRELIMINARY ASSESSMENT OF THE PRESENCE OF OIL IN THE ECOSYSTEM AT EKOFISK AFTER THE BLOWOUT, APRIL 22-30, 1977. *J. Fish. Res. Board Can.* 35 (5): 544-551. May 1978. In English with French summ. SFA 23(3)

71-010283 Mann, K. H. and Clark, R. B. LONG-TERM EFFECTS OF OIL SPILLS ON MARINE INTERTIDAL COMMUNITIES. *J. Fish. Res. Board Can.* 35 (5): 791-795. May 1978. In English with French summ. SFA 23(3)

71-010284 Marble, A. D. IDENTIFICATION AND ASSESSMENT OF AQUATIC RESOURCES FOR POWER PLANT SITES ON MARYLAND'S EASTERN SHORE. *Coast. Zone Manage. J. (Copywrite Crane, Russak & Co., N.Y.)* 7(1):49-70. 1980. SFA 25(2)

71-010285 Margraf, F. J. THE ABUNDANCE AND DISTRIBUTION OF FISHES IN THE COOLING-WATER CANAL SYSTEM OF AN ELECTRIC GENERATING STATION, WITH EMPHASIS ON THE EFFECT OF COOLING TOWERS. *Ph.D. dissertation, Tex. A&M Univ.* 117p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(7):3129. Jan. 1979. SFA 24(2)

71-010286 Martin, G. L. THE EFFECT OF THE GREENWICH SEWAGE LAGOON DISCHARGE UPON TWO SMALL RECEIVING STREAMS IN NORTHWEST OHIO. *Ohio J. Sci.* 79: 95. Apr. 1979. Abstract only. SFA 24(3)

71-010287 Masnik, M. T. and J. H. Wilson. ASSESSMENT OF THE IMPACTS OF THE SALEM AND HOPE CREEK STATIONS ON SHORTNOSE STURGEON, *ACIPENSER BREVIROSTRUM* LESUEUR. *U.S. Nucl. Regul. Environ. Spec. Tech. Rep.* NUREG-0671. xi + 101p. Apr. 1980. SFA 25(3)

71-010288 Masnik, M. T.; Stauffer, J. R.; Hocutt, C. H. and Wilson, J. H. THE EFFECTS OF AN OIL SPILL ON THE MACROINVERTEBRATES AND FISH IN A SMALL SOUTHWESTERN VIRGINIA CREEK. *J. Environ. Sci. Health A Environ. Sci. Eng.* 11 (4-5): 281-296. 1976. SFA 22(4)

71-010289 Mason, W. T., Jr., (ed.). METHODS FOR THE ASSESSMENT AND PREDICTION OF MINERAL MINING IMPACTS ON AQUATIC COMMUNITIES: A REVIEW AND ANALYSIS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/30. 157p. Apr. 1978. SFA 24(2)

71-010290 Mathis, B. J. and Kevern, N. R. DISTRIBUTION OF MERCURY, CADMIUM, LEAD AND THALLIUM IN A EUTROPHIC LAKE. *Hydrobiologia* 46 (2-3): 207-222. Mar. 1975. SFA 21(4)

71-010291 Mathur, D. and P. L. McCreight. EFFECTS OF HEATED EFFLUENT ON THE REPRODUCTIVE BIOLOGY OF WHITE CRAPPIE, *POMOXIS ANNULARIS* IN CONOWINGO POND, PENNSYLVANIA. *Arch. Hydrobiol.* 88(4):491-499. 1980. SFA 25(4)

71-010292 Mathur, D.; T. W. Robbins and E. J. Purdy, Jr. ASSESSMENT OF THERMAL DISCHARGES ON ZOOPLANKTON IN CONOWINGO POND, PENNESYLVANIA. *Can. J. Fish. Aquatic Sci.* 37(6):937-944. June 1980. In English with French summ. SFA 25(3)

71-010293 Matsunaga, K. CONCENTRATION OF MERCURY IN MARINE ANIMALS. *Bull. Fac. Fish. Hokkaido Univ.* 29 (1): 70-74. Mar. 1978. SFA 24(1)

71-010294 Matter, W. J. THE STATUS AND SEASONAL DYNAMICS OF FISH AND BENTHIC INVERTEBRATE POPULATIONS IN RELATION TO ORGANIC AND INORGANIC MATERIAL INPUTS AND SURFACE MINING IMPACTS IN THREE VIRGINIA HEADWATER STREAMS. *Ph.D. dissertation, Va. Polytech. Inst. State Univ.* 173p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5163. May 1979. SFA 24(3)

71-010295 Matthews, R. A. SEWAGE EFFECTS IN A SMALL STREAM. *Va. J. Sci.* 30(2):76. 1979. Abstract only. SFA 25(3)

71-010296 Mayo, D. W.; Page, D. S.; Cooley, J.; Sorenson, E.; Bradley, F.; Gilfallan, E. S. and Hanson, S. A. WEATHERING CHARACTERISTICS OF PETROLEUM HYDROCARBONS DEPOSITED IN FINE CLAY MARINE SEDIMENTS, SEARSPORT, MAINE. *J. Fish. Res. Board Can.* 35(5):552-562. May 1978. In English with French summ. SFA 23(3)

71-010297 McCain, J. C.; Coles, S. L. and Peck, J. M., Jr. THE MARINE BIOLOGICAL IMPACT OF THE HONOLULU GENERATING STATION. *Univ. Hawaii Sea Grant Tech. Rep.* UNIHI-SEAGRANT-TR-76-01. vi + 50p. Sept. 1975. SFA 23(3)

71-010298 McDermott-Ehrlich, D. J.; Sherwood, M. J.; Heesen, T. C.; Young, D. R. and Mearns, A. J. CHLORINATED HYDROCARBONS IN DOVER SOLE, /MICROSTOMUS PACIFICUS/: LOCAL MIGRATIONS AND FIN EROSION. *NOAA Fish. Bull.* 75(3):513-517. July 1977. SFA 23(1)

71-010299 McFarlane, G. A. and Franzin, W. G. ELEVATED HEAVY METALS: A STRESS ON A POPULATION OF WHITE SUCKERS, /CATOSTOMUS COMMERSONI/, IN HAMELL LAKE, SASKATCHEWAN. *J. Fish. Res. Board Can.* 35 (7): 963-970. July 1978. In English with French summ. SFA 23(4)

71-010300 McLay, R. W.; Hundal, M. S. and Lamborn, K. R. IMPROVING THE STATISTICAL RELIABILITY OF STREAM HEAT ASSIMILATION PREDICATION. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-037. v + 157p. June 1975. SFA 21(1).

71-010301 Menasveta, P. and Siriyong, R. MERCURY CONTENT OF SEVERAL PREDACIOUS FISH IN THE ANDAMAN SEA. *Mar. Pollut. Bull.* 8 (9): 200-204. Sept. 1977. SFA 23(1)

71-010302 Merna, J. W. INTRODUCTION OF CHLORINATED HYDROCARBONS INTO STREAM FISHES BY SPAWNING SALMON. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1878. 25p. 28 Dec. 1979. SFA 25(2)

71-010303 Metcalf, R. L. and Sanborn, J. R. PESTICIDES AND ENVIRONMENTAL QUALITY IN ILLINOIS. *Ill. Nat. Hist. Surv. Bull.* 31 (9): 381-436. Aug. 1975. SFA 24(1)

71-010304 Middleditch, B. S.; Chang, E. S.; Basile, B. and Missler, S. R. ALKANES IN FISH FROM THE BUCCANEER OILFIELD. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 249-257. May 1979. SFA 24(3)

71-010305 Miller, W. R. III; Cairns, J., Jr.; Gruber, D. and Hendricks, A. C. THE USE OF RECENT CONCEPT IN BIOLOGICAL MONITORING TO STUDY THE VENTILATORY RATE CHANGES IN BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/) FOLLOWING EXPOSURE TO CHLORINE. *Am. Zool.* 18 (3): 632. 1978. Abstract only. SFA 24(2)

71-010306 Millis, R. DOWN WITH WEEDS--WHO WORRIES ABOUT THE FISH. *Wyo. Wildl.* 42 (6): 12-13. June 1978. SFA 23(4)

71-010307 Milner, N. J. ZINC CONCENTRATIONS IN JUVENILE FLATFISH. *J. Mar. Biol. Assoc. U.K.* 59(3):761-775. Aug. 1979. SFA 25(1)

71-010308 Minns, C. K. ANALYSIS OF A PULP AND PAPER MILL EFFLUENT PLUME. *J. Fish. Res. Board Can.* 34 (6): 776-783. June 1977. In English with French summ. SFA 22(3)

71-010309 Minns, C. K.; Kelso, J. R. M. and Hyatt, W. SPATIAL DISTRIBUTION OF NEARSHORE FISH IN THE VICINITY OF TWO THERMAL GENERATING STATIONS, NANTICOKE AND DOUGLAS POINT, ON THE GREAT LAKES. *J. Fish. Res. Board Can.* 35 (6): 885-892. June 1978. In English with French summ. SFA 23(3)

71-010310 Miyazaki, T.; Akiyama, K.; Kaneko, S.; Horii, S. and Yamagishi, T. IDENTIFICATION OF TRANS-NONACHLOR IN GOBY-FISH FROM TOKYO BAY. *Bull. Environ. Contam. Toxicol.* 23(4/5):631-635. Nov. 1979. SFA 25(1)

71-010311 Miyazaki, T.; K. Akiyama; S. Kaneko; S. Horii and T. Yamagishi. IDENTIFICATION OF CHLORDANES AND RELATED COMPOUNDS IN GOBY-FISH FROM TOKYO BAY. *Bull. Environ. Contam. Toxicol.* 24(1):1-8. Jan. 1980. SFA 25(2)

71-010312 Moody, R. P.; Greenhalgh, R.; Lockhart, L. and Weinberger, P. THE FATE OF FENITROTHION IN AN AQUATIC ECOSYSTEM. *Bull. Environ. Contam. Toxicol.* 19 (1): 8-14. Jan. 1978. SFA 23(2)

71-010313 Moore, J. E. and Love, R. J. EFFECT OF A PULP AND PAPER MILL EFFLUENT ON THE PRODUCTIVITY OF PERIPHYTON AND PHYTOPLANKTON. *J. Fish. Res. Board Can.* 34 (6): 856-862. June 1977. In English with French summ. SFA 22(3)

71-010314 Moore, L. F. FISHERIES CONSIDERATIONS IN SETTING TEMPERATURE GUIDELINES FOR POWER STATIONS. *Rev. Can. Biol.* 38(4):293-299. Dec. 1979. In English with French summ. SFA 25(2)

71-010315 Murphy, B. R.; Atchison, G. J.; McIntosh, A. W. and Kolar, D. J. CADMIUM AND ZINC CONTENT OF FISH FROM AN INDUSTRIALLY CONTAMINATED LAKE. *J. Fish Biol.* 13 (3): 327-335. Sept. 1978. SFA 24(1)

71-010316 Murray, L. A. and M. G. Norton. THE COMPOSITION OF DREDGED SPOILS DUMPED AT SEA FROM ENGLAND AND WALES. *Fish. Res. Tech. Rep. Minist. Agric. Fish. Food (Lowestoft)* No. 52. 10p. 1979. SFA 25(2)

71-010317 Murray, L. A.; M. G. Norton; R. S. Nunny and M. S. Rolfe. THE FIELD ASSESSMENT OF EFFECTS OF DUMPING WASTES AT SEA: 6. THE DISPOSAL OF SEWAGE SLUDGE AND INDUSTRIAL WASTE OFF THE RIVER HUMBER. *Minist. Agric. Fish. Res. Tech. Rep.* No. 55. 35p. 1980. SFA 25(4)

71-010318 Musial, C. J.; Uthe, J. F.; Wiseman, R. J. and Matheson, R. A. OCCURRENCE OF PCB RESIDUES IN BURBOT (/LOTA LOTA/) AND LAKE TROUT (/SALVELINUS NAMAYCUSH/) FROM THE CHURCHILL FALLS POWER DEVELOPMENT AREA. *Bull. Environ. Contam. Toxicol.* 23(1/2):256-261. Sept. 1979. SFA 25(1)

71-010319 Nalepa, T. F. FRESHWATER MACROINVERTEBRATES. *J. Water Pollut. Control Fed.* 50 (6): 1307-1313. June 1978. SFA 23(4)

71-010320 Nesler, T. P. and Bachmann, R. W. INFLUENCE OF COAL MINING ON WATER QUALITY IN MARION AND MAHASKA COUNTIES, IOWA. Proc. Iowa Acad. Sci. 86(4):149-153. Dec. 1979. SFA 25(1)

71-010321 Nieman, D. A. and Clady, M. D. FLORIDA AND NORTHERN LARGEMOUTH BASS: GROWTH AND SURVIVAL IN A HEATED RESERVOIR. *Proc. Okla. Acad. Sci.* 59:47-50. 1979. SFA 25(1)

71-010322 Niimi, A. J. HEXACHLOROBENZENE (HCB) LEVELS IN LAKE ONTARIO SALMONIDS. *Bull. Environ. Contam. Toxicol.* 23(1/2):20-24. Sept. 1979. SFA 25(1)

71-010323 Niimi, A. J. and Burnison, G. A. RECOVERY OF ^{14}C-LABELLED POLYCHLORINATED BIPHENYLS (PCB) IN FISH TISSUE USING A COMBUSTION AND A SOLUBILIZATION METHOD OF SAMPLE PREPARATION FOR SCINTILLATION ANALYSIS. *Bull. Environ. Contam. Toxicol.* 23(4/5):597-600. Nov. 1979. SFA 25(1)

71-010324 Norton, M. G. and Rolfe, M. S. THE FIELD ASSESSMENT OF EFFECTS OF DUMPING WASTES AT SEA: 1. AN INTRODUCTION. *Fish. Res. Tech. Rep. (Lowestoft)* No. 45. 9p. 1978. SFA 23(4)

71-010325 Notini, M. LONG-TERM EFFECTS OF AN OIL SPILL ON /FUCUS/ MACROFAUNA IN A SMALL BALTIC BAY. *J. Fish. Res. Board Can.* 35 (5): 745-753. May 1978. In English with French summ. SFA 23(3)

71-010326 Nyberg, P. and Mossberg, P. UTSATTNING AV ORING AV NAGRA OLIKA STAMMAR I SMA, SURA OCH HUMOSA SKOGSSJOAR. [STOCKING BROWN TROUT (/SALMO TRUTTA/ L.) OF DIFFERENT STRAINS IN SMALL, ACID AND HUMIC FOREST LAKES.] *Inf. Freshwater Inst. Drottningholm* No. 9. 18p. 1978. In Swedish with English summ. SFA 24(1)

71-010327 O'Bryan, G. K. ASPECTS OF RESERVOIR-POWER STATION INTERACTIONS: SOME EFFECTS OF HEAT ON PHYSICO-CHEMISTRY, /AUFWUCHS/ ECOLOGY, AND PLANKTON METABOLISM. *Ph.D. dissertation, Univ. Mo. (Columbia).* 175 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-010328 O'Neill, C.; Doyle, D.; Donovan, O. and Kearns, E. OYSTER CREEK II: BIOCHEMICAL OXYGEN DEMAND AS A MEASURE OF ENTRAINMENT LOSS AT A NUCLEAR POWER STATION. *Underwater Nat.* 10 (3): 19-20. 1977. SFA 22(4)

71-010329 Oates, D. THE EFFECTS OF BOATING UPON LEAD CONCENTRATIONS IN FISH. *Trans. Kans. Acad. Sci.* 79: 149-153. 1976. SFA 23(3)

71-010330 Oberts, G. L. WATER QUALITY EFFECTS OF POTENTIAL URBAN BEST MANAGEMENT PRACTICES: A LITERATURE REVIEW. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 97. 24p. 1977. SFA 22(4)

71-010331 Ogata, M. and Miyake, Y. DISAPPEARANCE OF AROMATIC HYDROCARBONS AND ORGANIC SULFUR COMPOUNDS FROM FISH FLESH REARED IN CRUDE OIL SUSPENSION. *Water Res.* 12 (12): 1041-1044. 1978. SFA 24(2)

71-010332 Ogata, M.; Miyake, Y. and Yamasaki, Y. IDENTIFICATION OF SUBSTANCES TRANSFERRED TO FISH OR SHELLFISH FROM PETROLEUM SUSPENSION. *Water Res.* 13 (7): 613-618. 1979. SFA 24(4)

71-010333 Ogata, M.; Miyake, Y.; Kira, S.; Matsunaga, K. and Imanaka, M. TRANSFER TO FISH OF PETROLEUM PARAFFINS AND ORGANIC SULFUR COMPOUNDS. *Water Res.* 11 (4): 333-338. 1977. SFA 22(3)

71-010334 Oglesby, G. B.; Noell, W. C.; Delo, H. O.; Dyer, W. A.; England, R. H.; Fatora, J. R.; Grizzle, J. M. and Deutsch, S. J. TOXIC SUBSTANCES IN DISCHARGES OF HYPOLIMNETIC WATERS FROM A SEASONALLY STRATIFIED IMPOUNDMENT. *Environ. Conserv.* 5(4):287-293. 1978. SFA 24(2)

71-010335 Olsson, M. MERCURY LEVELS IN BIOTA FROM MORRUM RIVER DURING A 10 YEAR CLEAN-UP PERIOD. *Inst. Freshwater Res. Drottningholm Rep.* No. 55. p. 71-90. 1976. SFA 23(2)

71-010336 Olsson, M.; Jensen, S. and Reutergard, L. SEASONAL VARIATION OF PCB LEVELS IN FISH--AN IMPORTANT FACTOR IN PLANNING AQUATIC MONITORING PROGRAMS. *Ambio* 7 (2): 66-69. 1978. SFA 23(3)

71-010337 Omernik, J. M. THE INFLUENCE OF LAND USE ON STREAM NUTRIENT LEVELS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-014. viii + 106p. Jan. 1976. SFA 21(1).

71-010338 Otake, S.; Fukui, K.; Teraoka, K. and Yoshida, H. [ELECTROCOAGULATING TREATMENT OF WASTE WATER FROM FISH PASTE-MANUFACTURING FACTORIES.] *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 975-981. Aug. 1977. In Japanese with English summ. SFA 23(1)

71-010339 Ott, W. R. WATER QUALITY INDICES: A SURVEY OF INDICES USED IN THE UNITED STATES. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-78-005. x + 128p. Jan. 1978. SFA 24(4)

71-010340 Ottawa River Project Group. MERCURY IN THE OTTAWA RIVER. *Environ. Res.* 19 (2): 231-243. Aug. 1979. SFA 24(4)

71-010341 Overrein, L. N. A PRESENTATION OF THE NORWEGIAN PROJECT 'ACID PRECIPITATION--EFFECTS ON FOREST AND FISH'. *Water Air Soil Pollut.* 6 (2,3,4): 167-172. Sept.-Oct.-Nov. 1976. SFA 22(3)

71-010342 Owens, E. H. MECHANICAL DISPERSAL OF OIL STRANDED IN THE LITTORAL ZONE. *J. Fish. Res. Board Can.* 35 (5): 563-572. May 1978. In English with French summ. SFA 23(3)

71-010343 Peňáz, M. FISH CULTURES IN THE AREA OF THE NUCLEAR POWER STATION DUKOVANY AND THEIR PROSPECTS. *Folia Zool.* 29(1):87-96. 1980. In English with Russian summ. SFA 25(3)

71-010344 Pagel, C. and Wade, C. BENTHIC CHANGES IN A BAY RECEIVING ANNUAL COPPER SULFATE APPLICATIONS IN LAKE CHAMPLAIN. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010345 Papadopoulou, C.; Kanias, G. D. and Kassimati, E. M. ZINC CONTENT IN OTOLITHS OF MACKEREL FROM THE AEGEAN. *Mar. Pollut. Bull.* 9 (4): 106-108. Apr. 1978. SFA 23(3)

71-010346 Parejko, R.; Johnston, R. and Keller, R. CHLOROHYDROCARBONS IN LAKE SUPERIOR LAKE TROUT (/SALVELINUS NAMAYCUSH/). *Bull. Environ. Contam. Toxicol.* 14 (4): 480-488. Oct. 1975. SFA 21(4)

71-010347 Parris, G. E.; G. W. Diachenko; R. C. Entz; J. A. Poppiti; P. Lombardo; T. K. Rohrer and J. L. Hesse. WATERBORNE METHYLENE *BIS*(2-CHLOROANILINE) AND 2-CHLOROANILINE CONTAMINATION AROUND ADRIAN, MICHIGAN. *Bull. Environ. Contam. Toxicol.* 24(4):497-503. Apr. 1980. SFA 25(2)

71-010348 Parsons, J. D. EFFECTS OF ACID MINE WASTES ON AQUATIC ECOSYSTEMS. *Water Air Soil Pollut.* 7 (3): 333-354. Mar. 1977. SFA 22(4)

71-010349 Parvaneh, V. AN INVESTIGATION ON THE MERCURY CONTAMINATION OF PERSIAN GULF FISH. *Bull. Environ. Contam. Toxicol.* 23(3):357-359. Oct. 1979. SFA 25(1)

71-010350 Patrick, W. H., Jr.; Gambrell, R. P. and Khalid, R. A. PHYSIOCOCHEMICAL FACTORS REGULATING SOLUBILITY AND BIOAVAILABILITY OF TOXIC HEAVY METALS IN CONTAMINATED DREDGED SEDIMENT. *J. Environ. Sci. Health A Environ. Sci Eng.* 12 (9): 475-492. 1977. SFA 23(1)

71-010351 Payne, J. F. and Penrose, W. R. INDUCTION OF ARYL HYDROCARBON (BENZO [A] PYRENE) HYDROXYLASE IN FISH BY PETROLEUM. *Bull. Environ. Contam. Toxicol.* 14(1):112-116. July 1975. SFA 21(4)

71-010352 Pearson, F. H. and McDonnell, A. J. LIMESTONE BARRIERS TO NEUTRALIZE ACIDIC STREAMS. *Proc. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 101(EE3):425-440. June 1975. SFA 21(1).

71-010353 Penczak, T.; Molinski, M.; Kusto, E.; Palusiak, K.; Panusz, H. and Zalewski, M. THE ECOLOGY OF ROACH, /RUTILUS RUTILUS/ (L.) IN THE BARBEL REGION OF THE POLLUTED PILICA RIVER. II. DRY WEIGHT, ASH AND CONTENTS OF SOME ELEMENTS. *Ekol. Pol.* 24 (4)d 623-638. 1976. In English with Polish summ. SFA 22(4)

71-010354 Penczak, T.; Zalewski, M.; Molinski, M. and Gajos, M. THE ECOLOGY OF ROACH, /RUTILUS RUTILUS/ (L.), IN THE BARBEL REGION OF THE POLLUTED PILICA RIVER. IV. ELEMENTS OF PRODUCTION AND FOOD CONSUMPTION. *Ekol. Pol.* 25 (2): 241-255. 1977. In English with Polish summ. SFA 23(1)

71-010355 Pentreath, R. J. THE ACCUMULATION OF ^{110}(M)AG BY THE PLAICE, /PLEURONECTES PLATESSA/ L. AND THE THORNBACK RAY, /RAJA CLAVATA/ L. *J. Exp. Mar. Biol. Ecol.* 29(3):315-325. Oct. 1977. SFA 23(2)

71-010356 Perry, J. A. PESTICIDE AND PCB RESIDUES IN THE UPPER SNAKE RIVER ECOSYSTEM, SOUTHEASTERN IDAHO, FOLLOWING THE COLLAPSE OF THE TETON DAM 1976. *Idaho Dep. Health Welfare, Pocatello* 27p. Sept. 1977. SFA 23(1)

71-010357 Persson, P.-E. THE SOURCE OF MUDDY ODOR IN BREAM (/ABRAMIS BRAMA/) FROM THE PORVOO SEA AREA (GULF OF FINLAND). *J. Fish. Res. Board Can.* 36(8):883-890. Aug. 1979. In English with French summ. SFA 25(1)

71-010358 Peters, J. C. CONTROL OF WATER POLLUTION DURING DAM AND TUNNEL CONSTRUCTION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 246-256. 1976. SFA 23(2)

71-010359 Philippart, J. C. INCIDENCES DE LA POLLUTION ORGANIQUE ET DE L'EUTROPHISATION SUR LA FAUNE ICHTYOLOGIQUE DE LA SEMOIS. [THE EFFECTS OF ORGANIC POLLUTION AND EUTROPHICATION ON THE FISH FAUNA OF THE RIVER SEMOIS.] *Ann. Limnol.* 16(1):77-89. 1980. In French with English summ. SFA 25(4)

71-010360 Phillips, D. J. H. THE USE OF BIOLOGICAL INDICATOR ORGANISMS TO MONITOR TRACE METAL POLLUTION IN MARINE AND ESTUARINE ENVIRONMENTS--A REVIEW. *Environ. Pollut.* 13 (4): 281-317. Aug. 1977. SFA 23(1)

71-010361 Phillips, D. J. H. USE OF BIOLOGICAL INDICATOR ORGANISMS TO QUANTITATE ORGANOCHLORINE POLLUTANTS IN AQUATIC ENVIRONMENTS--A REVIEW. *Environ. Pollut.* 16 (3): 167-229. July 1978. SFA 23(4)

71-010362 Phillips, G. R. and R. W. Gregory. ACCUMULATION OF SELECTED ELEMENTS (AS, CU, HG, PB, SE, ZN) BY NORTHERN PIKE (*ESOX LUCIUS*) REARED IN SURFACE COAL MINE DECANT WATER. *Proc. Mont. Acad. Sci.* 39:44-50. 1980. SFA 25(3)

71-010363 Phillips, G. R.; T. E. Lenhart and R. W. Gregory. RELATION BETWEEN TROPHIC POSITION AND MERCURY ACCUMULATION AMONG FISHES FROM THE TONGUE RIVER RESERVOIR, MONTANA. *Environ. Res.* 22(1):73-80. June 1980. SFA 25(3)

71-010364 Phillips, G. R. and D. R. Buhler. MERCURY ACCUMULATION IN AND GROWTH RATE OF RAINBOW TROUT, *SALMO GAIRDNERI*, STOCKED IN AN EASTERN OREGON RESERVOIR. *Arch. Environ. Contam. Toxicol.* 9(1):99-107. 1980. SFA 25(2)

71-010365 Phillips, J. W. THE EMBRYOLOGICAL EFFECTS OF ELEVATED THERMAL TIME-EXCESS HISTORIES ON THE AMERICAN SHAD, /ALOSA SAPIDISSIMA/ (WILSON). *Ph.D. dissertation, Univ. Mass.* 131p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(8):3738. Feb. 1979. SFA 24(3)

71-010366 Piecuch, P. J., (ed.). *J. Water Pollut. Control Fed.* 49(6):899-1566. June 1977. SFA 22(4)

71-010367 Pierce, R. H., Jr.; Brent, C. R.; Williams, H. P. and Reeves, S. G. PENTACHLOROPHENOL DISTRIBUTION IN A FRESH WATER ECOSYSTEM. *Bull. Environ. Contam. Toxicol.* 18 (2): 251-258. Aug. 1977. SFA 22(4)

71-010368 Pistono, R. SILTATION--THE SILENT HABITAT DESTROYER. *Wyo. Wildl.* 43 (4): 26-29. Apr. 1979. SFA 24(3)

71-010369 Plaskett, D. and I. C. Potter. HEAVY METAL CONCENTRATIONS IN THE MUSCLE TISSUE OF 12 SPECIES OF TELEOST FROM COCKBURN SOUND, WESTERN AUSTRALIA. *Aust. J. Mar. Freshwater Res.* 30(5):607-616. Oct. 1979. SFA 25(3)

71-010370 Platts, W. S. and Martin, S. B. HYDROCHEMICAL INFLUENCES ON THE FISHERY WITHIN THE MINING AREA OF EASTERN IDAHO. *U.S. For. Serv. Intermt. For. Range Exp. Stn. Res. Pap.* INT-246. 15p. 1978. SFA 23(3)

71-010371 Platts, W. S. and Megahan, W. F. TIME TRENDS IN REVERBED SEDIMENT COMPOSITION IN SALMON AND STEELHEAD SPAWNING AREAS: SOUTH FORK SALMON RIVER, IDAHO. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:229-239. 1975. SFA 21(1).

71-010372 Platts, W. S.: S. B. Martin and E. R. J. Primbs. WATER QUALITY IN AN IDAHO STREAM DEGRADED BY ACID MINE WATER. *U.S. For. Serv. Intermountain For. Range Exp. Stn. Gen. Tech. Rep.* GTR-INT-67. 1980. SFA 25(2)

71-010373 Polak, J. and Palmer, M. D. CONCENTRATOIN PATTERN OF CHEMICAL CONSTITUENTS IN A PAPER MILL'S EFFLUENT PLUME: DYNAMICS AND MODEL. *J. Fish. Res. Board Can.* 34 (6): 805-816. June 1977. In English with French summ. SFA 22(3)

71-010374 Porcella, D. B. EUTROPHICATION. *J. Water Pollut. Control Fed.* 50 (6): 1313-1319. June 1978. SFA 23(4)

71-010375 Portmann, J. E., (ed.). MANUAL OF METHODS IN AQUATIC ENVIRONMENT RESEARCH. PART 2--GUIDELINES FOR THE USE OF BIOLOGICAL ACCUMULATORS IN MARINE POLLUTION MONITORING. *FAO Fish. Tech. Pap.* No. 150. viii + 76p. June 1976. SFA 22(3)

71-010376 Poulin, J. W. WHO CONTROLS LOW-LEVEL RADIOACTIVE WASTES. *Environ. Aff.* 6 (2): 201-225. 1977. SFA 23(1)

71-010377 Powell, H. B. and Williams, J. C. COMMERCIAL FISHERY INVESTIGATIONS OF THE KENTUCKY RIVER. PART III: FISH AND MUSSEL TISSUE ANALYSIS. *Ky. Dep. Fish Wildl. Resour.* Proj. No. 2-186-R, Jobs 4 & 5. iv + 43p. Jan. 1975. SFA 21(1).

71-010378 Preston, E. M. and Lewis, R. A., (eds.). THE BIOENVIRONMENTAL IMPACT OF A COAL-FIRED POWER PLANT. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-021. ix + 521p. Feb. 1978. SFA 24(4)

71-010379 Primmer, K. W. and Clugston, J. P. EFFECTS OF EFFLUENTS FROM TROUT HATCHERIES ON THE BENTHOS AND FISH IN RECEIVING STREAMS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:332-342. 1975. SFA 21(3).

71-010380 Ramamurthy, V. D. BASELINE STUDY OF THE LEVEL OF CONCENTRATION OF MERCURY IN THE FOOD FISHES OF BAY OF BENGAL, ARABIAN SEA AND INDIAN OCEAN. *Bull. Jpn. Soc. Sci. Fish.* 45(11):1405-1407. Nov. 1979. SFA 25(2)

71-010381 Ramos, A.; de Campos, M. and Olszyna-Marzys, A. E. MERCURY CONTAMINATION OF FISH IN GUATEMALA. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 488-493. July 1979. SFA 24(4)

71-010382 Ratkowsky, D. A.; Dix, T. G. and Wilson, K. C. MERCURY IN FISH IN THE DERWENT ESTUARY, TASMANIA, AND ITS RELATION TO THE POSITION OF THE FISH IN THE FOOD CHAIN. *Aust. J. Mar. Freshwater Res.* 26 (2): 223-231. July 1975. SFA 21(4).

71-010383 Read, P. A.; Renshaw, T. and Anderson, K. J. POLLUTION EFFECTS ON INTERTIDAL MACROBENTHIC COMMUNITIES. *J. Appl. Ecol.* 15 (1): 15-31. Apr. 1978. SFA 23(4)

71-010384 Reed, S. A.; Kay, E. A. and Russo, A. R. SURVEY OF BENTHIC CORAL REEF ECOSYSTEMS, FISH POPULATIONS, AND MICROMOLLUSKS IN THE VICINITY OF THE WAI'ANAE SEWAGE OCEAN OUTFALL, O'AHU, HAWAI'I--SUMMER 1975. *Univ. Hawaii Water Resour. Res. Cent. Tech. Rep.* No. 104. vi + 34p. May 1977. SFA 23(4)

71-010385 Rehwoldt, R. E.; Mastrianni, W.; Kelley, E. and Stall, J. HISTORICAL AND CURRENT HEAVY METAL RESIDUES IN HUDSON RIVER FISH. *Bull. Environ. Contam. Toxicol.* 19 (3): 335-339. Mar. 1978. SFA 23(3)

71-010386 Reimer, A. A. and Reimer, R. D. TOTAL MERCURY IN SOME FISH AND SHELLFISH ALONG THE MEXICAN COAST. *Bull. Environ. Contam. Toxicol.* 14 (1): 105-111. July 1975. SFA 21(4)

71-010387 Reutter, J. M. and Herdendorf, C. E. THERMAL DISCHARGE FROM A NUCLEAR POWER PLANT: PREDICTED EFFECTS ON LAKE ERIE FISH. *Ohio J. Sci.* 76 (1): 39-45. Jan. 1976. SFA 22(2)

71-010388 Reutter, J. M. AN ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ON LAKE ERIE: SOME AQUATIC IMPACTS. *Ph.D. dissertation, Ohio State Univ.* 259p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-010389 Robb, A. E., Jr. A SURVEY OF SELECTED HEAVY METALS IN FISH FROM THE BARGE AND CAYUGA-SENECA CANALS. *Proc. Rochester Acad. Sci. Inc.* 13 (1): 33. Oct. 1976. Abstract only. SFA 24(1)

71-010390 Robinson-Wilson, E. and Boyle, T. P. THE ECOLOGICAL INERTIA OF THREE DIFFERENT KINDS OF AQUATIC COMMUNITIES IN EXPERIMENTAL PONDS. II. ANALYSIS OF RESPONSE OF ZOOPLANKTON AND FISH COMMUNITIES. *Bull. Ecol. Soc. Am.* 60 (2): 121-122. June 1979. Abstract only. SFA 24(4)

71-010391 Roesijadi, G.; Anderson, J. W. and Blaylock, J. W. UPTAKE OF HYDROCARBONS FROM MARINE SEDIMENTS CONTAMINATED WITH PRUDHOE BAY CRUDE OIL: INFLUENCE OF FEEDING TYPE OF TEST SPECIES AND AVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS. *J. Fish. Res. Board Can.* 35 (5): 608-614. May 1978. In English with French summ. SFA 23(3)

71-010392 Rogers, L.; J. Yopp and E. E. Cook. INDICATED TRENDS OF MERCURY IN AQUATIC AND TERRESTRIAL FOOD CHAINS IN ILLINOIS. *Trans. Ill. State Acad. Sci.* 72(2):56-63. 1979. SFA 25(3)

71-010393 Rokosh, D. A.; Rao, S. S. and Jurkovic, A. A. EXTENT OF EFFLUENT INFLUENCE ON LAKE WATER DETERMINED BY BACTERIAL POPULATION DISTRIBUTIONS. *J. Fish. Res. Board Can.* 34 (6): 844-849. June 1977. In English with French summ. SFA 22(3)

71-010394 Rosso, W. A. THE ECOLOGY OF THE SOUTH FORK OF THE SALINE RIVER AS AFFECTED BY SURFACE MINE WASTES. *Ph.D. dissertation, South. Ill. Univ.* 145p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(12), 1976. SFA 21(2).

71-010395 Roth, I. and Hornung, H. HEAVY METAL CONCENTRATIONS IN WATER, SEDIMENTS, AND FISH FROM MEDITERRANEAN COASTAL AREA, ISRAEL. *Environ. Sci. Technol.* 11 (3): 265-269. Mar. 1977. SFA 22(3)

71-010396 Ruess, J. O. CHEMICAL/BIOLOGICAL RELATIONSHIPS REVELANT TO ECOLOGICAL EFFECTS OF ACID RAINFALL. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-032. iv + 46p. June 1975. SFA 21(1).

71-010397 Ryan, P. M. and H. H. Harvey. GROWTH RESPONSES OF YELLOW PERCH, *PERCA FLAVESCENS* (MITCHILL), TO LAKE ACIDIFICATION IN THE LA CLOCHE MOUNTAIN LAKES OF ONTARIO. *Environ. Biol. Fishes* 5(2):97-108. 22 Apr. 1980. SFA 25(3)

71-010398 Ryan, P. M. and Harvey, H. H. GROWTH OF ROCK BASS, /AMBLOPLITES RUPESTRIS/, IN RELATION TO THE MORPHOEDAPHIC INDEX AS AN INDICATOR OF AN ENVIRONMENTAL STRESS. *J. Fish. Res. Board Can.* 34 (11):2079-2088. Nov. 1977. In English with French summ. SFA 23(1)

71-010399 Saigal, B. N.; Ghosh, A.; Datta, A. K. and Chakraborti, P. K. OBSERVATIONS ON THE EFFECT OF TOXIC FACTORS LIBERATED DURING JUTE RETTING ON SOME FISHES. *Indian J. Environ. Health* 17 (4): 318-322. 1975. SFA 24(3)

71-010400 Saleh, F. Y.; Lee, G. F. and Butler, J. S. KEPONE AND OTHER SELECTED CHLORINATED HYDROCARBON PESTICIDES AND PCBS BEHAVIOR DURING HYDRAULIC DREDGING OF THE JAMES RIVER NEAR HOPEWELL, VIRGINIA. *J. Environ. Sci. Health A Environ. Sci. Eng.* 13 (4): 261-294. 1978. SFA 23(4)

71-010401 Sanders, H. L. /FLORIDA/ OIL SPILL IMPACT ON THE BUZZARDS BAY BENTHIC FAUNA: WEST FALMOUTH. *J. Fish. Res. Board Can.* 35 (5): 717-730. May 1978. In English with French summ. SFA 23(3)

71-010402 Sanders, H. L.; J. F. Grassle; G. R. Hampson; L. S. Morse; S. Garner-Price and C. C. Jones. ANATOMY OF AN OIL SPILL: LONG-TERM EFFECTS FROM THE GROUNDING OF THE BARGE *FLORIDA* OFF WEST FALMOUTH, MASSACHUSETTS. *J. Mar. Res.* 38(2):265-380. May 1980. SFA 25(3)

71-010403 Sanderson, M. and LaValle, P. D. SURFACE LOADING FROM POLLUTANTS IN PRECIPITATION IN SOUTHERN ONTARIO: SOME CLIMATIC AND STATISTICAL ASPECTS. *J. Great Lakes Res.* 5 (1): 52-60. 1979. SFA 24(4)

71-010404 Sandilands, R. G. EFFECT OF PULP MILL EFFLUENT ON THE SURFICIAL SEDIMENTS OF WESTERN NIPIGON BAY, LAKE SUPERIOR. *J. Fish. Res. Board Can.* 34 (6): 817-823. June 1977. In English with French summ. SFA 22(3)

71-010405 Sappo, G. B. THE FORMATION OF A LOCAL POPULATION OF BREAM, /ABRAMIS BRAMA ORIENTALIS/, IN THE HEATED WATER ZONE OF KONAKOVO POWER STATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (1): 35-45. 1976. SFA 22(3)

71-010406 Satsmatadjis, J. and Gabrielides, G. P. OBSERVATIONS ON THE CONCENTRATION LEVELS OF CHLORINATED HYDROCARBONS IN A MEDITERRANEAN FISH. *Mar. Pollut. Bull.* 10(4):109-111. Apr. 1979. SFA 24(3)

71-010407 Satsmatadjis, J. and Gabrielides, G. P. CHLORINATED HYDROCARBONS IN STRIPPED MULLET (/MULLUS BARBATUS/) OF SARONIKOS BAY. *Thalassographica* 1(2):151-154. July 1977. In English with Greek summ. SFA 24(2)

71-010408 Scharf, B. W. A FISH TEST ALARM DEVICE FOR THE CONTINUAL RECORDING OF ACUTE TOXIC SUBSTANCES IN WATER. *Arch. Hydrobiol.* 85 (2): 250-256. 1979. In English with German summ. SFA 24(3)

71-010409 Schlueter, R. A. EFFECTS OF THERMAL EFFLUENTS ON REPRODUCTION OF MINNOWS IN THE WHITE RIVER, INDIANA. *Ph.D. dissertation, Ind. State Univ.* 61p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1).

71-010410 Schneider, R. W.; Smith, A. O. and Mitchell, V. P., Jr. CHARACTERISTICS OF SPORT FISHING ACTIVITY IN THREE WARM WATER DISCHARGES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:546-554. 1977[1979]. SFA 24(4)

71-010411 Schneider, R. W.; Wilson, W. K. and Evenhuis, B. L. MIGRATION OF SAUGER PAST A THERMAL DISCHARGE IN MELTON HILL RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:538-545. 1977[1979]. SFA 24(4)

71-010412 Schrader, E. L. and Furbish, W. J. AN AQUEOUS AND SEDIMENTALOGICAL MODEL FOR HEAVY METAL CONTAMINATION OF STREAM SYSTEMS AFFECTED BY SULFIDE MINING IN THE EASTERN UNITED STATES. *Bull. Environ. Contam. Toxicol.* 20 (2): 159-166. Aug. 1978. SFA 24(1)

71-010413 Schumacher, P. D. and J. J. Ney. AVOIDANCE RESPONSE OF RAINBOW TROUT (*SALMO GAIRDNERI*) TO SINGLE-DOSE CHLORINATION IN A POWER PLANT DISCHARGE CANAL. *Water Res.* 14(6):651-655. 1980. SFA 25(3)

71-010414 Scott, J. S. BACK-CALCULATED FISH LENGTHS AND HG AND ZN LEVELS FROM RECENT AND 100-YR-OLD CLEITHRUM BONES FROM ATLANTIC COD (/GADUS MORHUA/). *J. Fish. Res. Board Can.* 34 (1): 147-150. Jan. 1977. In English with French summ. SFA 22(2)

71-010415 Scullion, J. and Edwards, R. W. THE MOVEMENT OF HATCHERY-REARED RAINBOW AND BROWN TROUT IN A POLLUTED RIVER IN THE SOUTH WALES COALFIELD. *J. Fish Biol.* 14 (2): 173-178. Feb. 1979. SFA 24(3)

71-010416 Seliga, T. A. and Dochinger, L. S. FIRST INTERNATIONAL SYMPOSIUM ON ACID PRECIPITATION AND FOREST ECOSYSTEM. (INTRODUCTION). *Water Air Soil Pollut.* 6 (2,3,4): 135. Sept.-Oct.-Nov. 1976. SFA 22(3)

71-010417 Settle, D. M. and C. C. Patterson. LEAD IN ALBACORE: GUIDE TO LEAD POLLUTION IN AMERICANS. *Science* 207(4436):1167-1176. 14 Mar. 1980. SFA 25(2)

71-010418 Shapot, R. M. INITIAL POWER PLANT EFFECTS ON FISH DISTRIBUTION IN A SMALL FLORIDA ESTUARY. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:529-546. 1978[1979]. SFA 25(2)

71-010419 Sharom, M. S. THE BEHAVIOR AND OCCURRENCE OF SOME INSECTICIDES IN AQUATIC SYSTEMS. *Ph.D. dissertation, Univ. Guelph* 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):144. July 1978. SFA 23(4)

71-010420 Shultz, C. D.; Crear, D.; Pearson, J. E.; Rivers, J. B. and Hylin, J. W. TOTAL AND ORGANIC MERCURY IN THE PACIFIC BLUE MARLIN. *Bull. Environ. Contam. Toxicol.* 15 (2): 230-234. Feb. 1976. SFA 21(4)

71-010421 Sigmon, C. F. EFFECTS OF THERMAL LOADING ON BOTTOM INVERTEBRATES IN A SOUTH CAROLINA RESERVOIR. *Clemson Univ. Water Resour. Res. Unit Rep.* No. 76. Apr. 1979. SFA 24(3)

71-010422 Siler, J. R. and Clugston, J. P. LARGEMOUTH BASS UNDER CONDITIONS OF EXTREME THERMAL STRESS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 333-341. 1975. SFA 21(3).

71-010423 Sims, G. G.; Campbell, J. R.; Zemlyak, F. and Graham, J. M. ORGANOCHLORINE RESIDUES IN FISH AND FISHERY PRODUCTS FROM THE NORTHWEST ATLANTIC. *Bull. Environ. Contam. Toxicol.* 18 (6): 697-705. Dec. 1977. SFA 23(2)

71-010424 Singh, S. M. and Ferns, P. N. ACCUMULATION OF HEAVY METALS IN RAINBOW TROUT /SALMO GAIRDNERI/ (RICHARDSON) MAINTAINED ON A DIET CONTAINING ACTIVATED SEWAGE SLUDGE. *J. Fish Biol.* 13 (2): 277-286. Aug. 1978. SFA 24(1)

71-010425 Sivalingam, P. M. and Thavaraj, S. EFFICIENCY OF CANAL BIODEGRADATION OF PALM OIL SLUDGE AND ITS POLLUTION EFFECTS. *Bull. Jpn. Soc. Sci. Fish.* 44 (11): 1229-1237. Nov. 1978. SFA 24(2)

71-010426 Skogerboe, R. K.; Lavallee, C. S.; Miller, M. M. and Dick, D. L. ENVIRONMENTAL EFFECTS OF WESTERN COAL SURFACE MINING. PART III--THE WATER QUALITY OF TROUT CREEK, COLORADO. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-008. x + 58p. Jan. 1979. SFA 24(4)

71-010427 Slooff, W. DETECTION LIMITS OF A BIOLOGICAL MONITORING SYSTEM BASED ON FISH RESPIRATION. *Bull. Environ. Contam. Toxicol.* 23(4/5):517-523. Nov. 1979. SFA 25(1)

71-010428 Smith, E. C.; Berkes, F. and Spence, J. A. MERCURY LEVELS IN FISH IN THE LA GRANDE RIVER AREA, NORTHERN QUEBEC. *Bull. Environ. Contam. Toxicol.* 13 (6): 673-677. June 1975. SFA 21(4)

71-010429 Smith, W. H. B. PRODUCTIVITY MEASUREMENTS AND SIMULATION MODELS OF A SHALLOW ESTUARINE ECOSYSTEM RECEIVING A THERMAL PLUME AT CRYSTAL RIVER, FLORIDA. *Ph.D. dissertation, Univ. Fla.* 448 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-010430 Smokler, P. E.; Young, D. R. and Gard, K. L. DDTS IN MARINE FISHES FOLLOWING TERMINATION OF DOMINANT CALIFORNIA INPUT: 1970-77. *Mar. Pollut. Bull.* 10(11):331-334. Nov. 1979. SFA 25(1)

71-010431 Sodergren, S. ECOLOGICAL EFFECTS OF HEAVY METAL DISCHARGE IN A SALMON RIVER. *Rep. Inst. Freshwater Res. Drottingholm* No. 55. p. 91-131. 1976. SFA 23(1)

71-010432 Sorentino, C. MERCURY IN MARINE AND FRESHWATER FISH OF PAPUA NEW GUINEA. *Aust. J. Mar. Freshwater Res.* 30(5):617-623. Oct. 1979. SFA 25(3)

71-010433 Soule, D. F. and Oguri, M., (eds.). MARINE STUDIES OF SAN PEDRO BAY, CALIFORNIA. PART 15. THE IMPACT OF THE SANSINENA EXPLOSION AND BUNKER C SPILL ON THE MARINE ENVIRONMENT OF OUTER LOS ANGELES HARBOR. *Inst. Mar. Coast. Stud. Univ. South. Calif., Los Angeles* xii + 258p. Dec. 1978. SFA 24(4)

71-010434 Southward, A. J. and Southward, E. C. RECOLONIZATION OF ROCKY SHORES IN CORNWALL AFTER USE OF TOXIC DISPERSANTS TO CLEAN UP THE /TORREY CANYON/ SPILL. *J. Fish. Res. Board Can.* 35 (5): 682-706. May 1978. In English with French summ. SFA 23(3)

71-010435 Spacie, A. THE BIOCONCENTRATION OF TRIFLURALIN FROM A MANUFACTURING EFFLUENT BY FISH IN THE WABASH RIVER. *Ph. D. dissertation, Purdue Univ.* 149p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(9), 1976. SFA 22(2)

71-010436 Springer, S. A REVISION OF THE CATSHARKS, FAMILY SCYLIORHINIDAE. *NOAA Tech. Rep. NMFS Circ.* 422. v + 152p. Apr. 1979. SFA 24(4)

71-010437 Stansby, M. E. FLAVORS IN FISH FROM PETROLEUM PICKUP. *Mar. Fish. Rev.* 40 (1): 13-17. Jan. 1978. SFA 23(3)

71-010438 Stanton, G. E. EFFECTS OF WATERSHED URBANIZATION ON BENTHIC MACROINVERTEBRATE COMMUNITIES OF A SMALL STREAM SYSTEM. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010439 Starnes, L. B. COMPARISON OF FISH AND BENTHIC FAUNAL COMPOSITIONS IN POLLUTED AND PRISTINE FORKS OF A MOUNTAIN RIVER. *Tenn. Wildl. Resour. Agency Fish. Res. Rep.* 77-55. 102p. 1977. SFA 23(1)

71-010440 Stauffer, J. R., Jr. THE INFLUENCE OF TEMPERATURE ON THE DISTRIBUTION, COMMUNITY STRUCTURE AND CONDITION OF FISH OF THE NEW RIVER, GLEN LYN, VIRGINIA. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 249p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(3), 1975. SFA 21(1).

71-010441 Stauffer, J. R., Jr.; Cairns, J., Jr.; Cherry, D. S.; Denoncourt, R. F. and Dickson, K. L. THE INFLUENCE OF TEMPERATURE ON THE FISH COMMUNITY STRUCTURE OF THE NEW RIVER, GLEN LYN, VIRGINIA. *Rev. Biol. (Lisb.)* 10 (1-4): 21-48. 1974-1976. SFA 22(4)

71-010442 Stauffer, J. R., Jr.; Dickson, K. L.; Cairns, J., Jr. and Cherry, D. S. THE POTENTIAL AND REALIZED INFLUENCES OF TEMPERATURE ON THE DISTRIBUTION OF FISHES IN THE NEW RIVER, GLEN LYN, VIRGINIA. *Wildl. Monogr.* No. 50. 40p. Nov. 1976. SFA 22(4)

71-010443 Stewart, J. E. and Marks, L. J. DISTRIBUTION AND ABUNDANCE OF HYDROCARBON-UTILIZING BACTERIA IN SEDIMENTS OF CHEDABUCTO BAY, NOVA SCOTIA, IN 1976. *J. Fish. Res. Board Can.* 35 (5): 581-584. May 1978. In English with French summ. SFA 23(3)

71-010444 Stiefel, R. C. MERCURY AS A FACTOR IN THE FISHERIES ENVIRONMENT. *Ohio Dep. Nat. Resour. Div. Wildl.* 45p. 1975. SFA 21(1).

71-010445 Stiefel, R. C. MERCURY IN WHITE BASS AND CARP. *Ohio Dep. Nat. Resour. Div. Wildl., Columbus* 29p. Aug. 1976. SFA 22(3)

71-010446 Stockner, J. G. and Cliff, D. D. EFFECTS OF PULPMILL EFFLUENT ON PHYTOPLANKTON PRODUCTION IN COASTAL MARINE WATERS OF BRITISH COLUMBIA. *J. Fish. Res. Board Can.* 33 (11): 2433-2442. Nov. 1976. In English with French summ. SFA 21(4).

71-010447 Stout, V. F. and Beezhold, F. L. ANALYSIS OF CHLORINATED HYDROCARBON POLLUTANTS: A SIMPLIFIED EXTRACTION AND CLEANUP PROCEDURE FOR FISHERY PRODUCTS. *NOAA Fish. Bull.* 76 (4): 880-886. 1979. SFA 24(2)

71-010448 Stout, V. F. ORGANOCHLORINE RESIDUES IN FISHES FROM THE NORTHWEST ATLANTIC OCEAN AND GULF OF MEXICO. *NOAA Fish. Bull.* 78(1):51-58. 1980. SFA 25(4)

71-010449 Stuart, T. J. LIMITATION OF PRIMARY PRODUCTIVITY IN A SOUTHWESTERN RESERVOIR DUE TO THERMAL POLLUTION. *M.S. thesis, North Texas State Univ.* 60p. 1977. From Masters Abstracts 16(1), Mar. 1978. SFA 23(3)

71-010450 Suns, K. and Rees, G. A. ORGANOCHLORINE CONTAMINANT RESIDUES IN YOUNG-OF-THE-YEAR SPOTTAIL SHINERS FROM LAKES ONTARIO, ERIE, AND ST. CLAIR. *J. Great Lakes Res.* 4 (2): 230-233. 1978. SFA 24(2)

71-010451 Talmage, S. S. and Coutant, C. C. THERMAL EFFECTS. *J. Water Pollut. Control Fed.* 50 (6): 1514-1553. June 1978. SFA 23(4)

71-010452 Tanabe, S.; H. Tanaka; R. Tatsukawa and I. Nakamura. [ORGANOCHLORINE COMPOUND RESIDUES IN SEVERAL SPECIES OF FISHES CAUGHT OFF CHILE.] *Bull. Jpn. Soc. Sci. Fish.* 46(6):763-769. June 1980. In Japanese with English summ. SFA 25(4)

71-010453 Taylor, W. W. and Gerking, S. D. POTENTIAL OF THE OHRID RIFFLE MINNOW, /ALBURNOIDES BIPUNCTATUS OHRIDANUS/, AS AN INDICATOR OF POLLUTION. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2178-2181. 1978. SFA 24(4)

71-010454 Teal, J. M.; Burns, K. and Farrington, J. ANALYSES OF AROMATIC HYDROCARBONS IN INTERTIDAL SEDIMENTS RESULTING FROM TWO SPILLS OF NO. 2 FUEL OIL IN BUZZARDS BAY, MASSACHUSETTS. *J. Fish. Res. Board Can.* 35 (5): 510-520. May 1978. In English with French summ. SFA 23(3)

71-010455 Thomas, J. L. WATER REQUIREMENTS AND WASTEWATER POTENTIAL OF COAL-ENERGY FACILITIES. *Proc. Fort Union Coal Field Symp.* Vol. 2. 179-190. Apr. 1975. SFA 23(1)

71-010456 Thomas, J. M. and D. H. McKenzie. A PROCEDURE FOR ASSESSING BIOLOGICAL EFFECTS OF POWER PLANTS ON FISH. *Fisheries (Bull. Am. Fish. Soc.)* 4(6):23-27. Nov.-Dec. 1979. SFA 25(2)

71-010457 Thomas, M. L. H. COMPARISON OF OILED AND UNOILED INTERTIDAL COMMUNITIES IN CHEDABUCTO BAY, NOVA SCOTIA. *J. Fish. Res. Board Can.* 35 (5): 707-716. May 1978. In English with French summ. SFA 23(3)

71-010458 Thommes, M. M.; Lucas, H. F., Jr. and Edgington, D. N. MERCURY CONCENTRATIONS IN FISH TAKEN FROM OFFSHORE AREAS OF THE GREAT LAKES. *Proc. Conf. Great Lakes Res.* 15: 192-197. 1972. SFA 22(4)

71-010459 Thorhaug, A.; Roessler, M. A.; Hixon, R.; Brook, I. M.; Josselyn, M. N. and Bach, S. D. BIOLOGICAL EFFECTS OF POWER-PLANT THERMAL EFFLUENTS IN CARD SOUND, FLORIDA. *Environ. Conserv.* 6(2):127-137. 1979. SFA 25(1)

71-010460 Tokyo University of Fisheries. AN ASSESSMENT OF THE EFFECTS OF POLLUTION ON FISHERIES AND AQUACULATURE IN JAPAN. *FAO Fish. Tech. Pap.* No. 163. ix + 105p. Oct. 1976. SFA 23(2)

71-010461 Tomkiewicz, S. M., Jr. and Dunson, W. A. AQUATIC INSECT DIVERSITY AND BIOMASS IN A STREAM MARGINALLY POLLUTED BY ACID STRIP MINE DRAINAGE. *Water Res.* 11 (4): 397-402. 1977. SFA 22(3)

71-010462 U.S. Environmental Protection Agency. PROCEEDINGS OF THE EPA-SPONSORED SYMPOSIUM ON MARINE, ESTUARINE AND FRESH WATER QUALITY. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-079. vi + 207p. July 1976. SFA 23(3)

71-010463 Uda, M. COMPLEXITY OF RECENT MARINE POLLUTION IN JAPANESE WATERS. *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 103-111. Sept. 1973. SFA 24(2)

71-010464 Ueda, T. and Takeda, M. [ON MERCURY AND SELENIUM CONTAINED IN TUNA FISH TISSUES-IV. METHYL MERCURY LEVEL IN MUSCLES AND LIVER OF YELLOWFIN TUNA.] *Bull. Jpn. Soc. Sci. Fish.* 43 (9): 1115-1121. Sept. 1977. In Japanese with English summ. SFA 23(1)

71-010465 Van der Leeden, F.; Cerrillo, L. A. and Miller, D. W. GROUND-WATER POLLUTION PROBLEMS IN THE NORTHWESTERN UNITED STATES. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-018. xiv + 361p. May 1975. SFA 21(1).

71-010466 van der Schalie, W. H. THE UTILIZATION OF AQUATIC ORGANISMS FOR CONTINUOUS AND AUTOMATIC MONITORING OF THE TOXICITY OF INDUSTRIAL WASTE EFFLUENTS. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 176p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4143. Mar. 1978. SFA 23(3)

71-010467 Van Dyke, L. P.; Greeff, C. G. and Brink, J. J. TOTAL POPULATION DENSITY OF CRUSTACEA AND AQUATIC INSECTA AS AN INDICATOR OF FENTHION POLLUTION OF RIVER WATER. *Bull. Environ. Contam. Toxicol.* 14(4):426-431. Oct. 1975. SFA 21(4)

71-010468 Van Loon, J. C. and Beamish, R. J. HEAVY-METAL CONTAMINATION BY ATMOSPHERIC FALLOUT OF SEVERAL FLIN FLON AREA LAKES AND THE RELATION TO FISH POPULATIONS. *J. Fish. Res. Board Can.* 34 (7): 899-906. July 1977. In English with French summ. SFA 22(4)

71-010469 Van Vleet, E. S. and Quinn, J. G. CONTRIBUTION OF CHRONIC PETROLEUM INPUTS TO NARRAGANSETT BAY AND RHODE ISLAND SOUND SEDIMENTS. *J. Fish. Res. Board Can.* 35 (5): 536-543. May 1978. In English with French summ. SFA 23(3)

71-010470 Vander Wall, J. RELATION BETWEEN NIPIGON BAY BENTHIC MACROINVERTEBRATES AND SELECTED ASPECTS OF THEIR HABITAT. *J. Fish. Res. Board Can.* 34 (6): 824-829. June 1977. In English with French summ. SFA 22(3)

71-010471 Vandermeulen, J. H. and Gordon, D. C., Jr. REENTRY OF 5-YEAR-OLD STRANDED BUNKER C FUEL OIL FROM A LOW-ENERGY BEACH INTO THE WATER, SEDIMENTS, AND BIOTA OF CHEDABUCTO BAY, NOVA SCOTIA. *J. Fish. Res. Board Can.* 33 (9): 2002-2010. Sept. 1976. In English with French summ. SFA 21(3).

71-010472 Vaughan, G. L. EFFECTS OF STRIPMINING ON FISH AND DIATOMS IN STREAMS OF THE NEW RIVER DRAINAGE BASIN. *J. Tenn. Acad. Sci.* 54 (3): 110-114. July 1979. SFA 24(4)

71-010473 Veith, G. D.; DeFoe, D. L. and Bergstedt, B. V. MEASURING AND ESTIMATING THE BIOCONCENTRATION FACTOR OF CHEMICALS IN FISH. *J. Fish. Res. Board Can.* 36(9):1040-1048. Sept. 1979. In English with French summ. SFA 25(1)

71-010474 Veith, G. D.; Kuehl, D. W.; Puglisi, F. A.; Glass, G. E. and Eaton, J. G. RESIDUES OF PCB'S AND DDT IN THE WESTERN LAKE SUPERIOR ECOSYSTEM. *Arch. Environ. Contam. Toxicol.* 5 (4): 487-499. 1977. SFA 22(4)

71-010475 Vermeer, K. and Peakall, D. B. TOXIC CHEMICALS IN CANADIAN FISH-EATING BIRDS. *Mar. Pollut. Bull.* 8 (9): 205-210. Sept. 1977. SFA 23(1)

71-010476 Vidal, I. L. COPPER IN THE LIVERS OF TROUT CAUGHT BELOW A SEWAGE DISCHARGE. *N.Z. J. Mar. Freshwater Res.* 12 (2): 217-219. June 1978. SFA 24(3)

71-010477 Vinikour, W. S.; R. M. Goldstein and R. V. Anderson. BIOCONCENTRATION PATTERNS OF ZINC, COPPER, CADMIUM AND LEAD IN SELECTED FISH SPECIES FROM THE FOX RIVER, ILLINOIS. *Bull. Environ. Contam. Toxicol.* 24(5):727-734. May 1980. SFA 25(3)

71-010478 Vitousek, P. M. THE REGULATION OF ELEMENT CONCENTRATIONS IN MOUNTAIN STREAMS IN THE NORTHEASTERN UNITED STATES. *Ph.D. dissertation, Dartmouth Coll.* 149p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(4), 1975. SFA 21(1).

71-010479 Von Westernhagen, H.; V. Dethlefsen and H. Rosenthal. CORRELATION BETWEEN CADMIUM CONCENTRATION IN THE WATER AND TISSUE RESIDUE LEVELS IN DAB, *LIMANDA LIMANDA* L., AND PLAICE, *PLEURONECTES PLATESSA* L. *J. Mar. Biol. Assoc. UK* 60(1):45-58. Feb. 1980. SFA 25(2)

71-010480 Waldichuk, M., (ed.). POLLUTION SYMPOSIUM--13TH PACIFIC SCIENCE CONGRESS: SUBLETHAL EFFECTS OF POLLUTION ON AQUATIC ORGANISMS. *J. Fish. Res. Board Can.* 33(9):1985-2065. Sept. 1976. In English with French summ. SFA 21(3).

71-010481 Walker, C. R. POLYCHLORINATED BIPHENYL COMPOUNDS (PCB'S) AND FISHERY RESOURCES. *Fisheries (Bull. Am. Fish. Soc.)* 1 (4): 19-22, 25. July-Aug. 1976. SFA 21(3).

71-010482 Walton, D. G.; Penrose, W. R. and Green, J. M. THE PETROLEUM-INDUCIBLE MIXED-FUNCTION OXIDASE OF CUNNER (/TAUTOGOLABRUS ADSPERSUS/ WALBAUM 1792): SOME CHARACTERISTICS RELEVANT TO HYDROCARBON MONITORING. *J. Fish. Res. Board Can.* 35 (12): 1547-1552. Dec. 1978. In English with French summ. SFA 24(2)

71-010483 Warlen, S. M. A RECURRENCE MODEL FOR THE PREDICTION OF DDT FLUX IN ATLANTIC MENHADEN. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:425-431. 1977[1979]. SFA 24(4)

71-010484 Watanabe, N; Y. Ishimaru; N. Ishida; Y. Katayama and S. Kitayama. [THE USE OF ISAZA (*CHAENOGOBIUS ISAZA* TANAKA) TO STUDY THE PCB POLLUTION.] *Jpn. J. Limnol.* 40(2):66-73. Apr. 1979. In Japanese with English summ. SFA 25(2)

71-010485 Water Research Centre. NEW EUROPEAN STANDARDS FOR FRESHWATER FISH. *Notes on Water Res.* no. 20. 4p. 1979. SFA 24(3)

71-010486 Wentsel, R. S. and McIntosh, A. W. DISTRIBUTION OF BENTHIC MACROINVERTEBRATES IN A METAL-CONTAMINATED LAKE. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-010487 Westlake, G. F.; van der Schalie, W. H.; Cairns, J., Jr. and Dickson, K. L. THE USE OF FISH TO CONTINUOUSLY MONITOR AN INDUSTRIAL EFFLUENT. *Inst. Electr. Electron. Eng., Inc. Ann.* No. 75CH1004-I 18-4. 3p. 1976. SFA 21(1).

71-010488 Wheeler, G. L.; Rolfe, G. L. and Reinbold, K. A. A SIMULATION MODEL FOR LEAD MOVEMENT IN A WATERSHED. *Ecol. Model.* 5 (1): 67-76. June 1978. SFA 23(4)

71-010489 Whitaker, J. O., Jr.; Schlueter, R. A. and Tieben, G. A. EFFECTS OF HEATED WATER ON FISH AND INVERTEBRATES OF WHITE RIVER AT PETERSBURG, INDIANA. *Indiana Univ. Water Resour. Res. Cent. Rep. Invest.* No. 8. x + 198p. Aug. 1977. SFA 23(2)

71-010490 White, J. W.; Wollcott, W. S. and Kirk, W. L. A STUDY OF THE FISH COMMUNITY IN THE VICINITY OF A THERMAL DISCHARGE IN THE JAMES RIVER, VIRGINIA. *Chesapeake Sci.* 18 (2): 161-171. June 1977. SFA 22(3)

71-010491 White, R. W. G. and Williams, W. P. STUDIES OF THE ECOLOGY OF FISH POPULATIONS IN THE RYE MEADS SEWAGE EFFLUENT LAGOONS. *J. Fish Biol.* 13 (4): 379-400. Oct. 1978. SFA 24(1)

71-010492 Wiener, J. G. AERIAL INPUTS OF CADMIUM, COPPER, LEAD AND MANGANESE INTO A FRESHWATER POND: RELATION TO A NEARBY COAL-FIRED POWER PLANT. *Bull. Ecol. Soc. Am.* 59 (2): 65. June 1978. Abstract only. SFA 23(4)

71-010493 Wildish, D. J.; Akagi, H. and Poole, N. J. AVOIDANCE BY HERRING OF DISSOLVED COMPONENTS IN PULP MILL EFFLUENTS. *Bull. Environ. Contam. Toxicol.* 18 (5): 521-525. Nov. 1977. SFA 23(1)

71-010494 Williams, D. C. and Hom, K. B. ONSHORE IMPACTS OF OFFSHORE OIL: A USER'S GUIDE TO ASSESSMENT METHODS. *U.S. Dep. Interior* 68p. May 1979. For sale by Sup. Doc. USGPO, Washington, DC, Stock no. 024-000-00859-2. SFA 25(1)

71-010495 Wilson, A. J. and Forester, J. PERSISTENCE OF AROCLOR 1254 IN A CONTAMINATED ESTUARY. *Bull. Environ. Contam. Toxicol.* 19 (5): 637-640. May 1978. SFA 23(3)

71-010496 Wilson, K. W. and Connor, P. M. THE EFFECT OF CHINA CLAY ON THE FISH OF ST AUSTELL AND MEVAGISSEY BAYS. *J. Mar. Biol. Assoc. U.K.* 56(3):769-780. Aug. 1976. SFA 22(3)

71-010497 Winner, R. W.; M. W. Boesel and M. P. Farrell. INSECT COMMUNITY STRUCTURE AS AN INDEX OF HEAVY-METAL POLLUTION IN LOTIC ECOSYSTEMS. *Can. J. Fish. Aquatic Sci.* 37(4):647-655. Apr. 1980. SFA 25(2)

71-010498 Wisseman, R. W. and Cook, S. F., Jr. HEAVY METAL ACCUMULATION IN THE SEDIMENTS OF A WASHINGTON LAKE. *Bull. Environ. Contam. Toxicol.* 18 (1): 77-82. July 1977. SFA 22(4)

71-010499 Wong, M. H.; Chan, K. C. and Choy, C. K. THE EFFECT OF THE IRON ORE TAILINGS ON THE COASTAL ENVIRONMENT OF TOLO HARBOUR, HONG KONG. *Environ. Res.* 15 (3): 342-356. June 1978. SFA 23(4)

71-010500 Woollard, P. and Settle, H. PCB RESIDUES IN MULLET, /MUGIL CEPHALUS/, FED TO CAPTIVE EASTERN AUSTRALIAN WATER RATS, /HYDROMYS CHRYSOGASTER/. *Bull. Environ. Contam. Toxicol.* 20 (5): 606-612. Nov. 1978. SFA 24(1)

71-010501 Wortham, K. E. THE EFFECTS OF POLLUTION ON THE BENTHIC MACROINVERTEBRATES OF BIG LICK CREEK, INDIANA. *Ph.D. dissertation, Ball State Univ.* 125p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(4).

71-010502 Wortham, K. E. THE EFFECTS OF POLLUTION ON THE BENTHIC MACROINVERTEBRATES OF BIG LICK CREEK, INDIANA. *Ph.D. dissertation, Ball State Univ.* 125p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(8), 1975. SFA 21(1).

71-010503 Wrenn, W. B. FISHERIES STUDIES IN RELATION TO A LONG HEATED DISCHARGE CHANNEL (COLBERT STEAM PLANT, TENNESSEE RIVER). *Ph. D. dissertation, Va. Polytech. Inst. & State Univ.* 120p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 22(2)

71-010504 Wrenn, W. B. SEASONAL OCCURRENCE AND DIVERSITY OF FISH IN A HEATED DISCHARGE CHANNEL, TENNESSEE RIVER. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:235-247. 1975[1976]. SFA 22(3)

71-010505 Wright, R. F.; Dale, T.; Gjessing, E. T.; Hendrey, G. R.; Henriksen, A.; Johannessen, M. and Muniz, I. P. IMPACT OF ACID PRECIPATION ON FRESHWATER ECOSYSTEMS IN NORWAY. *Water Air Soil Pollut.* 6 (2,3,4): 483-499. Sept.-Oct.-Nov. 1976. SFA 22(4)

71-010506 Wunder, W. ROENTGENANALYSEN VERKUERZTER FISCHWIRBELSAEULEN. A) KABELJAU (/GADUS MORHUA/ L.) UND B) MAIFISCH (/ALOSA ALOSA/ L.). [ROENTGEN-RAY ANALYSIS OF SHORTENED BACKBONES IN FISHES. A) COD (/GADUS MORHUA/ L.) AND B) ALLIS SKAD (/ALOSA ALOSA/ L.).] *Arch. Hydrobiol.* 75 (3): 366-401. May 1975. In German with English summ. SFA 22(3)

71-010507 Yaguchi, E. M.; Waller, B. J. and Marshall, J. S. PLUTONIUM DISTRIBUTION IN LAKE MICHIGAN BIOTA. *Proc. Conf. Great Lakes Res.* 17: 150-157. 1974. SFA 22(4)

71-010508 Yamanaka, S. and Ueda, K. HIGH ETHYLMERCURY IN RIVER FISH BY MAN-MADE POLLUTION. *Bull. Environ. Contam. Toxicol.* 14 (4): 409-414. Oct. 1975. SFA 21(4)

71-010509 Yoder, C. THE VALUE AND USE OF FISH AS INDICATORS OF WATER QUALITY. *Ohio J. Sci.* 79: 99. Apr. 1979. Abstract only. SFA 24(3)

71-010510 Young, D. R.; Heesen, T. C.; Esra, G. N. and Howard, E. B. DDE-CONTAMINATED FISH OFF LOS ANGELES ARE SUSPECTED CAUSE IN DEATHS OF CAPTIVE MARINE BIRDS. *Bull. Environ. Contam. Toxicol.* 21 (4/5): 584-590. Mar. 1979. SFA 24(3)

71-010511 Young, D. R.; McDermott-Ehrlich, D. and Heesen, T. C. SEDIMENTS AS SOURCES OF DDT AND PCB. *Mar. Pollut. Bull.* 8 (11): 254-257. Nov. 1977. SFA 23(1)

71-010512 Zwick, D. and Silverman, L. ANALYSIS OF THE 1977 CLEAN WATER ACT. *Fisheries (Bull. Am. Fish. Soc.)* 3(5):22-26. Sept.-Oct. 1978. SFA 24(1)

FISH KILLS

71-010513 Brooker, M. P.; Morris, D. L. and Hemsworth, R. J. MASS MORTALITIES OF ADULT SALMON, /SALMO SALAR/, IN THE R. WYE, 1976. *J. Appl. Ecol.* 14 (2): 409-417. Aug. 1977. SFA 23(3)

71-010514 Bruton, M. N. and R. H. Taylor. CICHLID FISH MORTALITY IN A FRESHWATER LAKE IN NATAL. *Lammergeyer* 27:1-4. Oct. 1979. SFA 25(2)

71-010515 Durve, V. S. and Rajbanshi, V. K. FISH MORTALITY AND FISHING DURING AN UNPRECEDENTED DRAUGHT IN LAKE PICHHOLA, UDAIPUR. *Indian J. Fish.* 22 (1,2): 297-299. 1975. SFA 23(3)

71-010516 Gilmore, R. G.; Bullock, L. H. and Berry, F. H. HYPOTHERMAL MORTALITY IN MARINE FISHES OF SOUTH-CENTRAL FLORIDA JANUARY, 1977. *Northeast Gulf Sci.* 2 (2): 77-97. Dec. 1978. SFA 24(3)

71-010517 Giussani, G.; R. De Bernardi; R. Mosello and P Ghittino. SITUAZIONE LIMNOLOGICA DE LAGO DI CANDIA (PIEMONTE) IN CONCOMITANZA CON UNA GRAVE MORTALITÀ ITTICA DA BRANCHIOMICOSI. [LIMNOLOGICAL FEATURES OF LAGO DI CANDIA (PIEDMONT, ITALY) DURING A HEAVY FISH MORTALITY BY BRANCHIOMYCOSIS.] *Riv. It. Piscic. Ittiop.* 15(2):46-52. Apr.-May-June 1980. In Italian with English summ. SFA 25(4)

71-010518 Haslouer, S. G. NATURAL AND POLLUTION-CAUSED FISH KILLS IN KANSAS DURING 1978. *Trans. Kans. Acad. Sci.* 82:197-204. 1979. SFA 25(2)

71-010519 Hickel, B. FISCHSTERBEN IN EINEM KARPFENTEICH BEI EINER MASSENENTWICKLUNG DES TOXISCHEN PHYTOFLAGELLATEN /PRYMNESIUM PARVUM/ CARTER (HAPTOPHYCEAE). [FISH MORTALITY IN A CARP POND ASSOCIATED WITH MASS DEVELOPMENT OF THE TOXIC PHYTOFLAGELLATE /PRYMNESIUM PARVUM/ CARTER (HAPTOPHYCEAE).] *Arch. Fischereiwiss.* 27(2):143-148. Nov. 1976. In German with English summ. SFA 22(1)

71-010520 Ingols, R. S. THE CAUSE OF FISH KILLS IN AERATED HYPOLIMNETIC WATER. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2).

71-010521 Johnston, C. E. and J. C. Cheverie. REPOPULATION OF A COASTAL STREAM BY BROOK TROUT AND RAINBOW TROUT AFTER ENDOSULFAN POISONING. *Prog. Fish-Cult.* 42(2):107-110. Apr. 1980. SFA 25(3)

71-010522 Kingsbury, A. P. MORTALITY OF WALLEYE POLLOCK /THERAGRA CHALCOGRAMMA/ IN SOUTHEASTERN ALASKA DURING 1977. *Alaska Dep. Fish Game Tech. Data. Rep.* No. 36. 8p. 1978. SFA 23(3)

71-010523 Konar, S. K. PESTICIDES AND AQUATIC ECOSYSTEMS. *Indian J. Fish.* 22 (1,2): 80-85. 1975. SFA 23(3)

71-010524 Malone, T. C. THE 1976 /CERATIUM TRIPOS/ BLOOM IN THE NEW YORK BIGHT: CAUSES AND CONSEQUENCES. *NOAA Tech. Rep. NMFS Circ.* 410. iv + 14p. May 1978. SFA 23(4)

71-010525 Martin, B. B. and D. F. Martin. ROTENONE AS A CAUSATIVE AGENT IN THE MASS MORTALITY OF WHITE AMUR IN AN ORANGE COUNTY, FLORIDA POND. *J. Environ. Sci. Health A Environ. Sci. Eng. (Marcel Dekker, Inc., N.Y.)* 14(8):709-715. 1979. SFA 25(2)

71-010526 Milstein, C. B.; Garlo, E. V. and Jahn, A. E. A MAJOR KILL OF MARINE ORGANISMS IN THE MIDDLE ATLANTIC BIGHT DURING SUMMER 1976. *Ichthyol. Assoc. Inc. Bull.* No. 16. v + 56p. May 1977. SFA 24(2)

71-010527 Moore, R. H. OBSERVATIONS ON FISHES KILLED BY COLD AT PORT ARANSAS, TEXAS, 11-12 JANUARY 1973. *Southwest. Nat.* 20 (4): 461-466. 10 Jan. 1976. SFA 22(2)

71-010528 Raleigh, R. F.; Bennett, D. H.; Mohn, L. O. and Maughan, O. E. CHANGES IN FISH STOCKS AFTER MAJOR FISH KILLS IN THE CLINCH RIVER NEAR ST. PAUL, VIRGINIA. *Am. Midl. Nat.* 99 (1): 1-9. Jan. 1978. SFA 23(3)

71-010529 Tramer, E. J. CATASTROPHIC MORTALITY OF STREAM FISHES TRAPPED IN SHRINKING POOLS. *Am. Midl. Nat.* 97 (2): 469-478. Apr. 1977. SFA 22(3)

TOXICOLOGY; BIOASSAYS

71-010530 Abbott, O. J. THE TOXICITY OF AMMONIUM MOLYBDATE TO MARINE INVERTEBRATES. *Mar. Pollut. Bull.* 8 (9): 204-205. Sept. 1977. SFA 23(1)

71-010531 Abdullah, M. I.; Banks, J. W.; Miles, D. L. and O'Grady, K. T. ENVIRONMENTAL DEPENDENCE OF MANGANESE AND ZINC IN THE SCALES OF ATLANTIC SALMON, /SALMO SALAR/ (L) AND BROWN TROUT, /SALMO TRUTTA/ (L). *Freshwater Biol.* 6 (2): 161-166. Apr. 1976. SFA 21(3).

71-010532 Abel, P. D. MORTALITY PATTERNS IN TROUT (/SALMO TRUTTA/ AND /S. GAIRDNERI/) EXPOSED TO AN ANIONIC DETERGENT IN RELATION TO CONCENTRATION AND MECHANISMS OF TOXIC ACTION. *Freshwater Biol.* 8(5):497-503. Oct. 1978. SFA 24(2)

71-010533 Abel, P. D. TOXIC ACTION OF SEVERAL LETHAL CONCENTRATIONS OF AN ANIONIC DETERGENT ON THE GILLS OF THE BROWN TROUT (/SALMO TRUTTA/ L.). *J. Fish Biol.* 9 (5): 441-446. Nov. 1976. SFA 22(2)

71-010534 Abernathy, A. R. and Cubie, P. M. MERCURY DYNAMICS IN SOME RECENTLY IMPOUNDED RESERVOIRS IN THE SOUTHEASTERN UNITED STATES. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga. June 21-24, 1976.* 1976. SFA 21(2).

71-010535 Abernathy, A. R. and Cumbie, P. M. MERCURY ACCUMULATION BY LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) IN RECENTLY IMPOUNDED RESERVOIRS. *Bull. Environ. Contam. Toxicol.* 17 (5): 595-602. May 1977. SFA 22(3)

71-010536 Abram, F. S. H. and Wilson, P. THE ACUTE TOXICITY OF CS TO RAINBOW TROUT. *Water Res.* 13 (7): 631-635. 1979. SFA 24(4)

71-010537 Adams, L. W. and Peterle, T. J. RETENTION OF TRITIUM IN FRESHWATER MARSH ORGANISMS. *J. Great Lakes Res.* 1 (1): 1-9. 1975. SFA 22(4)

71-010538 Adams, W. J. THE TOXICITY AND RESIDUE DYNAMICS OF SELENIUM IN FISH AND AQUATIC INVERTEBRATES. *Ph.D. dissertation, Mich. State Univ.* 121p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 23(1)

71-010539 Addison, R. F. and Willis, D. E. THE METABOLISM BY RAINBOW TROUT (/SALMO GAIRDNERII/) OF P,P'-[^{14}C]DDT AND SOME OF ITS POSSIBLE DEGRADATION PRODUCTS LABELED WITH ^{14}C. *Toxicol. Appl. Pharmacol.* 43(2):303-315. Feb. 1978. SFA 23(3)

71-010540 Addison, R. F. and Law, F. C. P. INDUCTION OF HEPATIC MFO ENZYMES IN TROUT FED PCB, SOME PROPOSED PCB REPLACEMENTS, AND RELATED COMPOUNDS. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A182. 30 Mar. 1979. Abstract only. SFA 24(3)

71-010541 Addison, R. F. and Zinck, M. E. RATE OF CONVERSION OF ^{14}C-P,P'-DDT TO P,P'-DDE BY BROOK TROUT (/SALVELINUS FONTINALIS/): ABSENCE OF EFFECT OF PRETREATMENT OF FISH WITH COMPOUNDS RELATED TO P,P'-DDT. *J. Fish. Res. Board Can.* 34(1):119-122. Jan. 1977. In English with French summ. SFA 22(2)

71-010542 Addison, R. F.; Zinck, M. E.; Willis, D. E. and Darrow, D. C. INDUCTION OF HEPATIC MIXED FUNCTION OXIDASES IN TROUT BY POLYCHLORINATED BIPHENYLS AND BUTYLATED MONOCHLORODIPHENYL ETHERS. *Toxicol. Appl. Pharmacol.* 49 (2): 245-248. 30 June 1979. SFA 24(4)

71-010543 Addison, R. F.; Zinck, M. E. and Willis, D. E. INDUCTION OF HEPATIC MIXED-FUNCTION OXIDASE (MFO) ENZYMES IN TROUT (/SALVELINUS FONTINALIS/) BY FEEDING AROCLOR 1254 OR 3-METHYLCHOLANTHRENE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (2): 323-325. 1978. SFA 24(1)

71-010544 Addison, R. F.; Zinck, M. E. and Leahy, J. R. METABOLISM OF SINGLE AND COMBINED DOSES OF ^{14}C-ALDRIN AND ^{3}P,P'-DDT BY ATLANTIC SALMON (/SALMO SALAR/) FRY. *J. Fish. Res. Board Can.* 33(9):2073-2076. Sept. 1976. In English with French summ. SFA 21(3)

71-010545 Addison, R. F.; Zinck, M. E. and Willis, D. E. MIXED FUNCTION OXIDASE ENZYMES IN TROUT (/SALVELINUS FONTINALIS/) LIVER: ABSENCE OF INDUCTION FOLLOWING FEEDING OF P,P'-DDT OR P,P'-DDE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57 (1): 39-43. 1977. SFA 22(3)

71-010546 Adelman, I. R. and Smith, L. L., Jr. FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) AND GOLDFISH (/CARASSIUS AURATUS/) AS STANDARD FISH IN BIOASSAYS AND THEIR REACTION TO POTENTIAL REFERENCE TOXICANTS. *J. Fish. Res. Board Can.* 33(2):209-214. Feb. 1976. In English with French summ. SFA 21(1).

71-010547 Adelman, I. R. and Smith, L. L., Jr. STANDARD TEST FISH DEVELOPMENT PART II, CHRONIC TOXICITY OF GUTHION TO THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/ RAFINESQUE). *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-061b. vii + 23p. July 1976. SFA 21(3).

71-010548 Adelman, I. R. and Smith, L. L., Jr. STANDARD TEST FISH DEVELOPMENT PART I, FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) AND GOLDFISH (/CARASSIUS AURATUS/) AS STANDARD FISH IN BIOASSAYS AND THEIR REACTION TO POTENTIAL REFERENCE TOXICANTS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-061a. x + 77p. July 1976. SFA 21(3).

71-010549 Adelman, I. R.; Smith, L. L., Jr. and Siesennop, G. D. ACUTE TOXICITY TO SODIUM CHLORIDE, PENTACHLOROPHENOL, GUTHION, AND HEXAVALENT CHROMIUM TO FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) AND GOLDFISH (/CARASSIUS AURATUS/). *J. Fish. Res. Board Can.* 33(2):203-208. Feb. 1976. In English with French summ. SFA 21(1).

71-010550 Adelman, I. R.; Smith, L. L., Jr. and Siesennop, G. D. CHRONIC TOXICITY OF GUTHION TO THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/ RAFINESQUE). *Bull. Environ. Contam. Toxicol.* 15 (6): 726-733. June 1976. SFA 21(4)

71-010551 Adeney, R. J. and P. Matthiessen. SUB-LETHAL EFFECTS OF THE ORGANOPHOSPHATE BLACKFLY LARVICIDE, ABATE (TEMEPHOS) ON *SAROTHERODON MOSSAMBICUS* (PETERS). *J. Fish Biol.* 15(5):545-553. Nov. 1979. SFA 25(2)

71-010552 Adragna, P. J. and Privitera, C. A. ZINC EFFECTS ON LDH, MDH AND ALKALINE PHOSPHATASE FROM CULTURES OF FATHEAD MINNOW CELLS. *Comp. Biochem. Physiol. B Comp. Biochem.* 64(2):219-224. 1979. SFA 25(1)

71-010553 Adragna, P. J. and Privitera, C. A. ZINC EFFECTS ON FATHEAD MINNOW CELL CULTURES. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (2): 159-163. 1978. SFA 23(4)

71-010554 Adragna, P. J. AN INVESTIGATION ON THE BIOCHEMICAL AND PHYSIOLOGICAL EFFECTS OF ZINC ON FATHEAD MINNOW CELL CULTURES. *Ph.D. dissertation, State Univ. N.Y. (Buffalo).* 128 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(8), 1977. SFA 22(3)

71-010555 Agrawal, S. J.; Srivastava, A. K. and Chaudhry, H. S. HAEMATOLOGICAL EFFECTS OF NICKEL TOXICITY ON A FRESH WATER TELEOST, /COLISA FASCIATUS/. *Acta Pharmacol. Toxicol.* 45(3):215-217. Sept. 1979. SFA 25(1)

71-010556 Ahrens, V. D.; Maylin, G. A.; Henion, J. D.; St. John, L. E., Jr. and Lisk, D. J. FABRIC RELEASE, FISH TOXICITY AND WATER STABILITY OF THE FLAME RETARDANT, FYROL FR-2. *Bull. Environ. Contam. Toxicol.* 21 (3): 409-412. Feb. 1979. SFA 24(3)

71-010557 Akagi, H.; Mortimer, D. C. and Miller, D. R. MERCURY METHYLATION AND PARTITION IN AQUATIC SYSTEMS. *Bull. Environ. Contam. Toxicol.* 23(3):372-376. Oct. 1979. SFA 25(1)

71-010558 Alabaster, J. S.; D. G. Shurben and G. Knowles. THE EFFECT OF DISSOLVED OXYGEN AND SALINITY ON THE TOXICITY OF AMMONIA TO SMOLTS OF SALMON, *SALMO SALAR* L. *J. Fish Biol.* 15(6):705-712. Dec. 1979. SFA 25(2)

71-010559 Albright, L. J.; P. C. Oloffs and S. Y. Szeto. RESIDUES IN CUTTHROAT TROUT (*SALMO CLARKI*) AND CALIFORNIA NEWTS (*TARICHIA TOROSA*) FROM A LAKE TREATED WITH TECHNICAL CHLORDANE. *J. Environ. Sci. Health B Pestic. Food Contam. Agric. Wastes* 15(4):333-349. SFA 25(4)

71-010560 Alderson, R. THE EFFECT OF AMMONIA AND THE GROWTH OF JUVENILE DOVER SOLE, /SOLEA SOLEA/ (L.) AND TURBOT, /SCOPHTHALMUS MAXIMUS/ (L.). *Aquaculture* 17(4):291-309. Aug. 1979. SFA 25(1)

71-010561 Alexander, D. G. and Clarke, R. McV. THE SELECTION AND LIMITATIONS OF PHENOL AS A REFERENCE TOXICANT TO DETECT DIFFERENCES IN SENSITIVITY AMONG GROUPS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Water Res.* 12(12):1085-1090. 1978. SFA 24(2)

71-010562 Alexander, D. G.; Supeene, K. J.; Chu, B. C. and Maciorowski, H. D. THE LETHAL AND SUBLETHAL EFFECTS OF SECONDARY-TREATED SEWAGE EFFLUENT ON VARIOUS FISH AND INVERTEBRATES. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 709. vi + 21p. 1977. In English with French summ. SFA 22(4)

71-010563 Alexander, H. C.; McCarty, W. M. and Bartlett, E. A. TOXICITY OF PERCHLOROETHYLENE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, AND METHYLENE CHLORIDE TO FATHEAD MINNOWS. *Bull. Environ. Contam. Toxicol.* 20 (3): 344-352. Sept. 1978. SFA 24(1)

71-010564 Allison, D. T. and Hermanutz, R. O. TOXICITY OF DIAZINON TO BROOK TROUT AND FATHEAD MINNOWS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-060. vii + 69p. May 1977. SFA 23(3)

71-010565 Anderson, A. C.; Abdelghani, A. A.; Smith, P. M.; Mason, J. W. and Englande, A. J., Jr. THE ACUTE TOXICITY OF MSMA TO BLACK BASS (/MICROPTERUS DOLOMIEU/), CRAYFISH (/PROCAMBARUA SP./) AND CHANNEL CATFISH (/ICTALURUS LACUSTRIS/). *Bull. Environ. Contam. Toxicol.* 14 (3): 330-333. Sept. 1975. SFA 21(4)

71-010566 Anderson, A. D.; M. E. Lebsack; G. M. DeGraeve; D. S. Farrier and H. L. Bergman. TOXICITY OF AN *IN SITU* OIL SHALE PROCESS WATER TO RAINBOW TROUT AND FATHEAD MINNOWS. *Arch. Environ. Contam. Toxicol.* 9(2):171-179. 1980. SFA 25(2)

71-010567 Anderson, J. W.; Riley, R. G. and Bean, R. M. RECRUITMENT OF BENTHIC ANIMALS AS A FUNCTION OF PETROLEUM HYDROCARBON CONCENTRATIONS IN THE SEDIMENT. *J. Fish. Res. Board Can.* 35 (5): 776-790. May 1978. In English with French summ. SFA 23(3)

71-010568 Anderson, J. W. and Malins, D. C. PHYSIOLOGICAL STRESSES AND RESPONSE IN CHRONICALLY OILED ORGANISMS. *J. Fish. Res. Board Can.* 35 (5): 679-680. May 1978. In English with French summ. SFA 23(3)

71-010569 Andreyev, A. A.; V. I. Kolupayev and T. A. Karpovich. THE EFFECT OF PHENOL ON OXYGEN STRESS IN THE MUSCLE TISSUE OF THE SIBERIAN ROACH, *RUTILUS RUTILUS LACUSTRIS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):164-166. 1979. SFA 25(4)

71-010570 Andros, J. D. and R. R. Garton. ACUTE LETHALITY OF COPPER, CADMIUM, AND ZINC TO NORTHERN SQUAWFISH. *Trans. Am. Fish. Soc.* 109(2):235-238. Mar. 1980. SFA 25(2)

71-010571 Anees, M. A. ACUTE TOXICITY OF FOUR ORGANOPHOSPHORUS INSECTICIDES TO A FRESHWATER TELEOST /CHANNA PUNCTATUS/ (BLOCH). *Pak. J. Zool.* 7 (2): 135-141. 1975. SFA 21(4).

71-010572 Anees, M. A. HEPATIC PATHOLOGY IN A FRESH-WATER TELEOST /CHANNA PUNCTATUS/ (BLOCH) EXPOSED TO SUB-LETHAL AND CHRONIC LEVELS OF THREE ORGANOPHOSPHORUS INSECTICIDES. *Bull. Environ. Contam. Toxicol.* 19 (5): 524-527. May 1978. SFA 23(3)

71-010573 Aronson, J. L.; Spiesman, M. and Aronson, A. K. NOTE ON THE DISTRIBUTION OF MERCURY IN FISH SPECIES IN THREE OHIO LAKES. *Environ. Pollut.* 10 (1): 1-7. Jan. 1976. SFA 22(1)

71-010574 Arunachalam, S.; K. Jeyalakshmi and S. Aboobucker. TOXIC AND SUBLETHAL EFFECTS OF CARBARYL ON A FRESHWATER CATFISH, *MYSTUS VITTATUS* (BLOCH). *Arch. Environ. Contam. Toxicol.* 9(3):307-316. 1980. SFA 25(3)

71-010575 Ashcom, T. L. SERUM CORTISOL AND ELECTROLYTE RESPONSES IN ACID-STRESSED BROOK TROUT (*SALVELINUS FONTINALIS*). *Ph.D. dissertation, Pa. State Univ.* 141p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5150. May 1980. SFA 25(3)

71-010576 Atchison, G. J. THE DYNAMICS OF LIPIDS AND DDT IN DEVELOPING BROOK TROUT EGGS AND FRY. *J. Great Lakes Res.* 2 (1): 13-19. 1976. SFA 22(3)

71-010577 Authur, J. W.; Andrew, R. W.; Mattson, V. R.; Olson, D. T.; Glass, G. E.; Halligan, B. J. and Walbridge, C. T. COMPARATIVE TOXICITY OF SEWAGE-EFFLUENT DISINFECTION TO FRESHWATER AQUATIC LIFE. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-75-012. ix + 61p. Nov. 1975. SFA 21(1).

71-010578 Auwarter, A. G. SOME EFFECTS OF TOXAPHENE-METHYL PARATHION INTERACTION ON BLUEGILL SUNFISH, (/LEPOMIS MACROCHIRUS/, RAFINESQUE). *Ph.D. dissertation, Univ. Ga.* 114p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3061. Jan. 1978. SFA 23(3)

71-010579 Bagnis, R.; S. Chanteau; E. Chungue; J. M. Hurtel; T. Yasumoto and A. Inoue. ORIGINS OF CIGUATERA FISH POISONING: A NEW DINOFLAGELLATE, *GAMBIERDISCUS TOXICUS* ADACHI AND FUKUYO, DEFINITIVELY INVOLVED AS A CAUSAL AGENT. *Toxicon* 18(3):199-208. 1980. SFA 25(3)

71-010580 Bahner, L. H.; Wilson, A. J., Jr.; Sheppard, J. M.; Patrick, J. M., Jr.; Goodman, L. R. and Walsh, G. E. KEPONE BIOCONCENTRATION, ACCUMULATION, LOSS, AND TRANSFER THROUGH ESTUARINE FOOD CHAINS. *Chesapeake Sci.* 18(3):299-308. Sept. 1977. SFA 22(4)

71-010581 Baird, R.; Bottomley, J. and Taitz, H. AMMONIA TOXICITY AND PH CONTROL IN FISH TOXICITY BIOASSAYS OF TREATED WASTEWATERS. *Water Res.* 13 (2): 181-184. 1979. SFA 24(2)

71-010582 Bakunov, N. A. and Garanina, S. N. ACCUMULATION OF ^{90}SR AND ^{137}CS BY MARINE AND FRESHWATER FISH OF THE CASPIAN BASIN. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7(4):350-353. July-Aug. 1976. SFA 22(3)

71-010583 Balayev, L. A.; Mazmanidi, N. D. and Bazhashvili, T. R. THE REACTIONS OF SOME BLACK SEA ORGANISMS IN AN ELECTRIC FIELD EXPOSED TO DISSOLVED PETROLEUM PRODUCTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 647-652. 1976. SFA 23(1)

71-010584 Bansal, S. K.; Verma, S. R.; Gupta, A. K. and Dalela, R. C. PHYSIOLOGICAL DYSFUNCTION OF THE HAEMOPOIETIC SYSTEM IN A FRESH WATER TELEOST, /LABEO ROHITA/, FOLLOWING CHRONIC CHLORDANE EXPOSURE. PART II.--ALTERATIONS IN CERTAIN ORGANIC COMPONENTS AND SERUM ELECTROLYTES. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 674-680. July 1979. SFA 24(4)

71-010585 Bansal, S. K.; Verma, S. R.; Gupta, A. K. and Dalela, R. C. PHYSIOLOGICAL DYSFUNCTION OF THE HAEMOPOIETIC SYSTEM IN A FRESH WATER TELEOST, /LABEO ROHITA/, FOLLOWING CHRONIC CHLORDANE EXPOSURE. PART I.--ALTERATIONS IN CERTAIN HAEMATOLOGICAL PARAMETERS. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 666-673. July 1979. SFA 24(4)

71-010586 Barnett, J. and Toews, D. THE EFFECTS OF CRUDE OIL AND THE DISPERSANT, OILSPERSE 43, ON RESPIRATION AND COUGHING RATES IN ATLANTIC SALMON (/SALMO SALAR/). *Can. J. Zool.* 56 (2): 307-310. Feb. 1978. In English with French summ. SFA 23(3)

71-010587 Bass, M. L. A STUDY OF LETHALITY AND TOXIC MECHANISMS OF INTERMITTENT CHLORINATION TO FRESHWATER FISH. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 80p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2).

71-010588 Bass, M. L. and Heath, A. G. CARDIOVASCULAR AND RESPIRATORY CHANGES IN RAINBOW TROUT, /SALMO GAIRDNERI/, EXPOSED INTERMITTENTLY TO CHLORINE. *Water Res.* 11 (6): 497-502. 1977. SFA 22(4)

71-010589 Bass, M. L. and Heath, A. G. TOXICITY OF INTERMITTENT CHLORINATION TO BLUEGILL, /LEPOMIS MACROCHIRUS/: INTERACTION WITH TEMPERATURE. *Bull. Environ. Contam. Toxicol.* 17 (4): 416-423. Apr. 1977. SFA 22(3)

71-010590 Beattie, J. H. and Pascoe, D. CADMIUM UPTAKE BY RAINBOW TROUT, /SALMO GAIRDNERI/ EGGS AND ALEVINS. *J. Fish Biol.* 13 (5): 631-637. Nov. 1978. SFA 24(2)

71-010591 Bellanca, M. A. and Bailey, D. S. EFFECTS OF CHLORINATED EFFLUENTS ON AQUATIC ECOSYSTEM IN THE LOWER JAMES RIVER. *J. Water Pollut. Control Fed.* 49 (4): 639-645. Apr. 1977. SFA 22(3)

71-010592 Bender, M. E. and Westman, J. R. THE TOXICITY OF MALATHION AND ITS HYDROLYSIS PRODUCTS TO THE EASTERN MUDMINNOW, /UMBRA PYGMAEA/ (DEKAY). *Chesapeake Sci.* 17 (2): 125-128. June 1976. SFA 21(2).

71-010593 Bengtsson, B.-E. LONG-TERM EFFECTS OF PCB (CLOPHEN A50) ON GROWTH, REPRODUCTION AND SWIMMING PERFORMANCE IN THE MINNOW, *PHOXINUS PHOXINUS*. *Water Res.* 14(6):681-687. 1980. SFA 25(3)

71-010594 Benoit, D. A. and Holcombe, G. W. TOXIC EFFECTS OF ZINC ON FATHEAD MINNOWS /PIMEPHALES PROMELAS/ IN SOFT WATER. *J. Fish Biol.* 13 (6): 701-708. Dec. 1978. SFA 24(2)

71-010595 Benoit, D. A.; Leonard, E. N.; Christensen, G. M. and Fiandt, J. T. TOXIC EFFECTS OF CADMIUM ON THREE GENERATIONS OF BROOK TROUT (/SALVELINUS FONTINALIS/). *Trans. Am. Fish. Soc.* 105 (4): 550-560. July 1976. SFA 21(4).

71-010596 Benville, P. E., Jr. and Korn, S. THE ACUTE TOXICITY OF SIX MONOCYCLIC AROMATIC CRUDE OIL COMPONENTS TO STRIPED BASS (/MORONE SAXATILIS/) AND BAY SHRIMP (/CRAGO FRANCISCORUM/). *Calif. Fish Game* 63 (4): 204-209. Oct. 1977. SFA 23(2)

71-010597 Berg, A. and Brazzelli, A. ETUDE EXPERIMENTALE DU TRANSFERT DU ^{65}ZN A UN POISSON D'EAU DOUCE AVEC REFERENCE PARTICULIERE AUX DEUX VOIES D'ABSORPTION ET AU METABOLISME DE L'ELEMENT STABLE. [EXPERIMENTAL STUDY OF THE TRANSFER OF ^{65}ZN TO A FRESHWATER FISH WITH PARTICULAR REFERENCE TO THE TWO PATHS OF ABSORPTION AND THE METABOLISM OF THE STABLE ELEMENT.] *Radioprotection* 10(2):61-84. 1975. In French with English summ. SFA 21(1).

71-010598 Berg, A. R. and Weiss, G. M. LE TRANSFERT DU ZINC-65 DE SEDIMENTS DES LARVES DE CHIRONOMIDES ET A UN POISSON D'EAU DOUCE ET L'EFFET DU CADMIUM SUR CE TRANSFERT. [TRANSFER ON ZINC-65 FROM SEDIMENTS TO CHIRONOMED LARVAE AND TO A FRESHWATER FISH AND THE EFFECT OF CADMIUM ON TRANSFER.] *IN Impacts of Nuclear Releases into the Aquatic Environment. Int. Atomic Energy Agnecy* IAEA-SM-198/47. p. 121-132. 1975. In French with English summ. SFA 21(1).

71-010599 Berry, C. R., Jr.; Schreck, C. B. and Van Horn, S. L. AQUATIC MACROINVERTEBRATE RESPONSE TO FIELD APPLICATION OF THE COMBINED HERBICIDES DIQUAT AND ENDOTHALL. *Bull. Environ. Contam. Toxicol.* 14 (3): 374-379. Sept. 1975. SFA 21(4)

71-010600 Bills, T. D. and Hunn, J. B. CHANGES IN THE BLOOD CHEMISTRY OF COHO SALMON EXPOSED TO MALACHITE GREEN. *Prog. Fish-Cult.* 38 (4): 214-216. Oct. 1976. SFA 21(4).

71-010601 Bills, T. D. and Marking, L. L. TOXICITY OF 3-TRIFLUOROMETHYL -4-NITROPHENOL (TFM), 2',5-DICHLORO -4'-NITROSALICYLANILIDE (BAYER 73), AND A 98:2 MIXTURE TO FINGERLINGS OF SEVEN FISH SPECIES AND TO EGGS AND FRY OF COHO SALMON. *U.S. Fish Wildl. Serv., Invest. Fish Control* No. 69. 9p. 1976. SFA 21(3).

71-010602 Bills, T. D.; Marking, L. L. and Olson, L. E. EFFECTS OF RESIDUES OF THE POLYCHLORINATED BIPHENYL AROCLOR 1254 ON THE SENSITIVITY OF RAINBOW TROUT TO SELECTED ENVIRONMENTAL CONTAMINANTS. *Prog. Fish-Cult.* 39 (3): 150. July 1977. SFA 22(4)

71-010603 Bills, T. D.; Marking, L. L. and Chandler, J. H., Jr. MALACHITE GREEN: ITS TOXICITY TO AQUATIC ORGANISMS, PERSISTENCE AND REMOVAL WITH ACTIVATED CARBON. *U.S. Fish Wildl. Serv. Invest. Fish Control* 75. 6p. 1977. SFA 22(4)

71-010604 Bills, T. D.; Marking, L. L. and Chandler, J. H., Jr. FORMALIN: ITS TOXICITY TO NONTARGET AQUATIC ORGANISMS, PERSISTENCE, AND COUNTERACTION. *U.S. Fish Wildl. Serv. Invest. Fish Control* 73. 7p. 1977. SFA 22(3)

71-010605 Bimber, D. L.; Boenig, R. W. and Sharma, M. L. RESPIRATORY STRESS IN YELLOW PERCH INDUCED BY SUBTOXIC CONCENTRATIONS OF DIQUAT. *Ohio J. Sci.* 76 (2): 87-90. Mar. 1976. SFA 22(2)

71-010606 Birkeland, C.; Reimer, A. A. and Young, J. R. SURVEY OF MARINE COMMUNITIES IN PANAMA AND EXPERIMENTS WITH OIL. *U.S. Environ. Prot. Agency. Ecol. Res. Ser.* EPA-600/3-76-028. xv + 177p. May 1976. SFA 21(2).

71-010607 Birkner, J. H. SELENIUM IN AQUATIC ORGANISMS FROM SELENIFEROUS HABITATS. *Ph.D. dissertation, Colo. State Univ.* 130p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2169. Nov. 1978. SFA 24(1)

71-010608 Birkner, J. H. SELENIUM LEVELS IN AQUATIC ORGANISMS. *J. Colo.-Wyo. Acad. Sci.* 9 (1): 11. Apr. 1977. SFA 22(4)

71-010609 Biro, P. ACUTE EFFECTS OF THE SODIUM SALT OF 2,4-D ON THE EARLY DEVELOPMENTAL STAGES OF BLEAK, /ALBURNUS ALBURNUS/. *J. Fish Biol.* 14 (1): 101-109. Jan. 1979. SFA 24(2)

71-010610 Blackman, R. A. A.; Franklin, F. L.; Norton, M. G. and Wilson, K. W. NEW PROCEDURES FOR THE TOXICITY TESTING OF OIL SLICK DISPERSANTS. *Minist. Agric. Food Fish. Res. Fish. Res. Tech. Rep. (Lowestoft)* No. 39. 7p. 1977. SFA 23(2)

71-010611 Blahm, T. H. TOXICITY OF CHEMICAL FIRE RETARDANTS TO JUVENILE COHO SALMON AND RAINBOW TROUT. *Ph.D. dissertation, Univ. Idaho* 48p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(9):4115. Mar. 1979. SFA 24(3)

71-010612 Blasiola, G. C., Jr. QUINALDINE SULPHATE, A NEW ANAESTHETIC FORMULATION FOR TROPICAL MARINE FISHES. *J. Fish Biol.* 10 (2): 113-119. Feb. 1977. SFA 22(3)

71-010613 Blaxter, J. H. S. THE FFECT OF COPPER ON THE EGGS AND LARVAE OF PLAICE AND HERRING. *J. Mar. Biol. Assoc. U.K.* 57 (3): 849-858. Aug. 1977. SFA 23(1)

71-010614 Blaylock, B. G. and Frank, M. L. A COMPARISON OF THE TOXICITY OF NICKEL TO THE DEVELOPING EGGS AND LARVAE OF CARP (/CYPRINUS CARPIO/). *Bull. Environ. Contam. Toxicol.* 21 (4/5): 604-611. Mar. 1979. SFA 24(3)

71-010615 Blickens, E. A. M. CADMIUM INDUCED HISTOPATHOLOGICAL CHANGES IN THE GILLS OF THE BROWN BULLHEAD /ICTALURUS NEBULOSUS/ (LESUEUR). *Ph.D. dissertation, N.Y. Univ.* 158p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(12, part 1):5708. June 1979. SFA 24(4)

71-010616 Block, R. M. PHYSIOLOGICAL RESPONSES OF ESTUARINE ORGANISMS TO CHLORINE. *Chesapeake Sci.* 18 (1): 158-160. Mar. 1977. SFA 22(3)

71-010617 Block, R. M.; Burton, D. T.; Gullans, S. R. and Richardson, L. B. RESPIRATORY AND OSMOREGULATORY RESPONSES OF WHITE PERCH (/MORONE AMERICANA/) EXPOSED TO CHLORINE AND OZONE IN ESTUARINE WATERS. *IN R. L. Jolley, D. H. Hamilton, Jr. and H. Gorchev, Eds. Water Chlorination: Environmental Impact and Health Effects. Vol. 2. Ann Arbor Science Publishers, Inc., Ann Arbor, MI* 351-360. 1978. SFA 23(4)

71-010618 Bolis, L. and J. C. Rankin. INTERACTIONS BETWEEN VASCULAR ACTIONS OF DETERGENT AND CATECHOLAMINES IN PERFUSED GILLS OF EUROPEAN EEL, *ANGUILLA ANGUILLA* L. AND BROWN TROUT, *SALMO TRUTTA* L. *J. Fish Biol.* 16(1):61-73. Jan. 1980. SFA 25(2)

71-010619 Bolis, L. and Rankin, J. C. VASCULAR EFFECT OF ACETYLCHOLINE, CATECHOLAMINES AND DETERGENTS ON ISOLATED PERFUSED GILLS OF PINK SALMON, /ONCORHYNCHUS GORBUSCHA/ COHO SALMON, /O. KISUTCH/ AND CHUM SALMON, /O. KETA/. *J. Fish Biol.* 13 (5): 543-547. Nov. 1978. SFA 24(2)

71-010620 Booke, H. E.; Hollender, B. and Lutterbie, G. SODIUM BICARBONATE, AN INEXPENSIVE FISH ANESTHETIC FOR FIELD USE. *Prog. Fish-Cult.* 40 (1): 11-13. Jan. 1978. SFA 23(2)

71-010621 Borgmann, U. INTERACTIVE EFFECTS OF METALS IN MIXTURES ON BIOMASS PRODUCTION KINETICS OF FRESHWATER COPEPODS. *Can. J. Fish. Aquatic Sci.* 37(8):1295-1302. Aug. 1980. In English with French summ. SFA 25(4)

71-010622 Borgmann, U.; R. Cove and C. Loveridge. EFFECT OF METALS ON THE BIOMASS PRODUCTION KINETICS OF FRESHWATER COPEPODS. *Can. J. Fish. Aquatic Sci.* 37(4):567-575. Apr. 1980. SFA 25(2)

71-010623 Borton, D. L. EFFECTS OF PRIMARY TREATED AND BIOLOGICALLY STABILIZED KRAFT MILL EFFLUENTS ON THE PRODUCTION, BIOMASS AND GROWTH RATES OF JUVENILE SALMONIDS IN THREE STREAM CHANNELS. *Ph.D. dissertation, Oreg. State Univ.* 95p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1).

71-010624 Botts, R. P. THE SHORT-TERM EFFECTS OF LEAD ON DOMESTIC AND WILD ANIMALS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-009. v + 30p. Jan. 1977. SFA 23(3)

71-010625 Bouck, G. R.; Nebeker, A. V. and Stevens, D. G. MORTALITY, SALTWATER ADAPTATION AND REPRODUCTION OF FISH DURING GAS SUPERSATURATION. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-050. ix + 55p. May 1976. SFA 21(2).

71-010626 Boudou, A.; Delarche, A.; Ribeyre, F. and Marty, R. BIOACCUMULATION AND BIOAMPLIFICATION OF MERCURY COMPOUNDS IN A SECOND LEVEL CONSUMER, /GAMBUSIA AFFINIS/--TEMPERATURE EFFECTS. *Bull. Environ. Contam. Toxicol.* 22 (6): 813-818. Aug. 1979. SFA 24(4)

71-010627 Bouquegneau, J. M. EVIDENCE FOR THE PROTECTIVE EFFECT OF METALLOTHIONEINS AGAINST INORGANIC MERCURY INJURIES TO FISH. *Bull. Environ. Contam. Toxicol.* 23(1/2):218-219. Sept. 1979. SFA 25(1)

71-010628 Bourquin, A. W. MICROBIAL-MALATHION INTERACTION IN ARTIFICIAL SALT-MARSH ECOSYSTEMS. EFFECT AND DEGRADATION. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-035. vi + 41p. June 1975. SFA 21(1).

71-010629 Bowers, M. A. III; D. E. Dostal and J. F. Heisinger. FAILURE OF SELENITE TO PROTECT AGAINST MERCURIC CHLORIDE IN EARLY DEVELOPMENTAL STAGES OF THE JAPANESE RICEFISH (*ORYZIAS LATIPES*). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 66(2):175-178. 1980. SFA 25(4)

71-010630 Boyce, N. P. and Yamada, S. B. EFFECTS OF A PARASITE, /EUBOTHRIUM SALVELINI/ (CESTODA: PSEUDOPHYLLIDEA), ON THE RESISTANCE OF JUVENILE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, TO ZINC. *J. Fish. Res. Board Can.* 34(5):706-709. May 1977. In English with French summ. SFA 22(3)

71-010631 Brafield, A. E. and Matthiessen, P. OXYGEN CONSUMPTION BY STICKLBACKS (/GASTEROSTEUS ACULEATUS/ L.) EXPOSED TO ZINC. *J. Fish Biol.* 9 (4): 359-370. Oct. 1976. SFA 22(2)

71-010632 Brekke, O. L.; Sinnhuber, R. O.; Peplinski, A. J.; Wales, J. H.; Putnam, G. B.; Lee, D. J. and Ciegler, A. AFLATOXIN IN CORN: AMMONIA INACTIVATION AND BIOASSAY WITH RAINBOW TROUT. *Appl. Environ. Microbiol.* 34(1):34-37. July 1977. SFA 23(1)

71-010633 Brenner, F. J. and Cooper, W. L. EFFECT OF SUSPENDED IRON HYDROXIDE ON THE HATCHABILITY AND EMBRYONIC DEVELOPMENT OF THE COHO SALMON. *Ohio J. Sci.* 78 (1): 34-38. Jan.-Feb. 1978. SFA 23(2)

71-010634 Brenner, F. J.; Corbett, S. and Shertzer, R. EFFECT OF FERRIC HYDROXIDE SUSPENSION ON BLOOD CHEMISTRY IN THE COMMON SHINER, /NOTROPIS CORNUTUS/. *Trans. Am. Fish. Soc.* 105(3):450-455. May 1976. SFA 21(3).

71-010635 Brenner, F. J.; Cooper, W. L. and MacHose, C. L. EFFECT OF TEMPERATURE AND FERRIC HYDROXIDE ON THE EMBRYONIC AND PROTEIN DEVELOPMENT OF THE COHO SALMON, /ONCORHYNCHUS KISUTCH/. *Proc. Pa. Acad. Sci.* 50 (2): 165-169. 1976. SFA 22(3)

71-010636 Brenniman, G. R.; M. R. Anver; R. Hartung and S. H. Rosenberg. EFFECTS OF OUTBOARD MOTOR EXHAUST EMISSIONS ON GOLDFISH (*CARASSIUS AURATUS*). *J. Environ. Pathol. Toxicol.* 2(6):1267-1281. July-Aug. 1979. SFA 25(2)

71-010637 Brenniman, G. R. UPTAKE, DISTRIBUTION AND EFFECTS OF OUTBOARD MOTOR EXHAUST EMISSIONS ON GOLDFISH (/CARASSIUS AURATUS/). *Ph.D. Dissertation, Univ. Mich.* 201p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-010638 Broderius, S. J.; Smith, L. L., Jr. and Lind, D. T. RELATIVE TOXICITY OF FREE CYANIDE AND DISSOLVED SULFIDE FORMS TO THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/). *J. Fish. Res. Board Can.* 34 (12): 2323-2332. Dec. 1977. In English with French summ. SFA 23(2)

71-010639 Broderius, S. J. and Smith, L. L., Jr. LETHAL AND SUBLETHAL EFFECTS OF BINARY MIXTURES OF CYANIDE AND HEXAVALENT CHROMIUM, ZINC, OR AMMONIA TO THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/) AND RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (2): 164-172. Feb. 1979. In English with French summ. SFA 24(3)

71-010640 Bronage, N. R. and Fuchs, A. A HISTOLOGICAL STUDY OF THE RESPONSE OF THE INTERRENAL CELLS OF THE GOLDFISH (/CARASSIUS AURATUS/) TO TREATMENT WITH SODIUM LAURYL SULPHATE. *J. Fish Biol.* 9 (6): 529-535. Dec. 1976. SFA 22(2)

71-010641 Brooker, M. P. THE ECOLOGICAL EFFECTS OF THE USE OF DALAPON AND 2,4-D FOR DRAINAGE CHANNEL MANAGEMENT. I. FLORA AND CHEMISTRY. *Arch. Hydrobiol.* 78 (3): 396-412. Sept. 1976. SFA 21(4)

71-010642 Brooker, M. P. THE ECOLOGICAL EFFECTS OF THE USE OF DALAPON AND 2,4-D FOR DRAINAGE CHANNEL MANAGEMENT. II. FAUNA. *Arch. Hydrobiol.* 78 (4): 507-525. Nov. 1976. SFA 22(3)

71-010643 Brooks, A. S. and Seegert, G. L. THE EFFECTS OF INTERMITTENT CHLORINATION ON SELECTED WARMWATER FISHES. *Univ. Wis. (Milwaukee) Cent. Great Lakes Stud. Spec. Rep.* No. 35. i + 45p. Jan. 1978. SFA 23(2)

71-010644 Brooks, A. S. and Seegert, G. L. THE EFFECTS OF INTERMITTENT CHLORINATION ON RAINBOW TROUT AND YELLOW PERCH. *Trans. Am. Fish. Soc.* 106 (3): 278-286. May 1977. SFA 22(4)

71-010645 Brooks, R. R.; Lewis, J. R. and Reeves, R. D. MERCURY AND OTHER HEAVY METALS IN TROUT OF CENTRAL NORTH ISLAND, NEW ZEALAND. *N. Z. J. Mar. Freshwater Res.* 10 (2): 233-244. June 1976. SFA 21(3).

71-010646 Brown, D. A. and Parsons, T. R. RELATIONSHIP BETWEEN CYTOPLASMIC DISTRIBUTION OF MERCURY AND TOXIC EFFECTS TO ZOOPLANKTON AND CHUM SALMON (/ONCORHYNCHUS KETA/) EXPOSED TO MERCURY IN A CONTROLLED ECOSYSTEM. *J. Fish. Res. Board Can.* 35 (6): 880-884. June 1978. In English with French summ. SFA 23(3)

71-010647 Brown, G. W., Jr. EFFECTS OF POLLUTION SUBSTANCES ON ENZYMES OF AQUATIC ORGANISMS. *J. Fish. Res. Board Can.* 33 (9): 2018-2022. Sept. 1976. In English with French summ. SFA 21(3).

71-010648 Brown, J. R. and Chow, L. Y. HEAVY METAL CONCENTRATIONS IN ONTARIO FISH. *Bull. Environ. Contam. Toxicol.* 17 (2): 190-195. Feb. 1977. SFA 22(3)

71-010649 Brown, L. R.; Alley, E. G. and Cook, D. W. THE EFFECT OF MIREX AND CARBOFURAN ON ESTUARINE MIRCROORGANISMS. *U.S. Environ. Prot. Agency Ecol. Ser.* EPA-660/3-75-024. vii + 47p. June 1975. SFA 21(1).

71-010650 Buangsawasdi, M. ORGANOPHOSPHATE INSECTICIDE TOXICITY IN RAINBOW TROUT (/SALMO GAIRDNERI/). EFFECTS OF TEMPERATURE AND INVESTIGATIONS ON THE SITES OF ACTION. *Ph.D. dissertation, Univ. Manitoba* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5228 May 1978. SFA 23(3)

71-010651 Buchanan, D. V.; Tate, P. S. and Moring, J. R. ACUTE TOXICITIES OF SPRUCE AND HEMLOCK BARK EXTRACTS TO SOME ESTUARINE ORGANISMS IN SOUTHEASTERN ALASKA. *J. Fish. Res. Board Can.* 33(5):1188-1192. May 1976. In English with French summ. SFA 21(2).

71-010652 Buckley, J. A. ACUTE TOXICITY OF UN-IONIZED AMMONIA TO FINGERLING COHO SALMON. *Prog. Fish-Cult.* 40 (1): 30-32. Jan. 1978. SFA 23(2)

71-010653 Buckley, J. A. HEINZ BODY HEMOLYTIC ANEMIA IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) EXPOSED TO CHLORINATED WASTEWATER. *J. Fish. Res. Board Can.* 34(2):215-224. Feb. 1977. In English with French summ. SFA 22(3)

71-010654 Buckley, J. A. ACUTE TOXICITY OF RESIDUAL CHLORINE IN WASTEWATER TO COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND SOME RESULTANT HEMATOLOGIC CHANGES. *J. Fish. Res. Board Can.* 33 (12): 2854-2856. Dec. 1976. In English with French summ. SFA 22(1)

71-010655 Buckley, J. A.; Whitmore, C. M. and Matsuda, R. I. CHANGES IN BLOOD CHEMISTRY AND BLOOD CELL MORPHOLOGY IN COHO SALMON (/ONCORHYNCHUS KISUTCH/) FOLLOWING EXPOSURE TO SUBLETHAL LEVELS OF TOTAL RESIDUAL CHLORINE IN MUNICIPAL WASTEWATER. *J. Fish. Res. Board Can.* 33 (4,1): 776-782. Apr. 1976. In English with French summ. SFA 21(2).

71-010656 Buhler, D. R.; Stokes, R. M. and Caldwell, R. S. TISSUE ACCUMULATION AND ENZYMATIC EFFECTS OF HEXAVALENT CHROMIUM IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (1): 9-18. Jan. 1977. In English with French summ. SFA 22(2)

71-010657 Buikema, A. L. Jr.; Lee, D. R. and Cairns, J., Jr. A SCREENING BIOASSAY USING /DAPHNIA PULEX/ FOR REFINERY WASTES DISCHARGED INTO FRESHWATER. *J. Test. Mater.* 4(2):119-125. Mar. 1976. SFA 21(1).

71-010658 Buikema, A. L., Jr.; McGinniss, M. J. and Cairns, J., Jr. PHENOLICS IN AQUATIC ECOSYSTEMS: A SELECTED REVIEW OF RECENT LITERATURE. *Mar. Environ. Res.* 2: 87-181. 1979. SFA 24(4)

71-010659 Buikema, A. L., Jr. and Benfield, E. F. USE OF MACROINVERTEBRATE LIFE HISTORY INFORMATION IN TOXICITY TESTS. *J. Fish. Res. Board Can.* 36 (3): 321-328. Mar. 1979. In English with French summ. SFA 24(3)

71-010660 Bulkley, R. V. CHEMICAL AND PHYSICAL EFFECTS ON THE CENTRARCHID BASSES. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 286-294. 1975. SFA 21(3).

71-010661 Bulkley, R. V.; Kellogg, R. L. and Shannon, L. R. SIZE-RELATED FACTORS ASSOCIATED WITH DIELDRIN CONCENTRATIONS IN MUSCLE TISSUE OF CHANNEL CATFISH /ICTALURUS PUNCTATUS/. *Trans. Am. Fish. Soc.* 105 (2): 301-307. Mar. 1976. SFA 21(2).

71-010662 Buress, R. M. DEVELOPMENT AND EVALUATION OF ON-SITE TOXICITY TEST FOR FISHERY INVESTIGATIONS. *U.S. Fish Wildl. Serv. Invest. Fish Control* 68. 8p. 1975. SFA 21(1).

71-010663 Burg, A. W.; Rohovsky, M. W. and Kensler, C. J. CURRENT STATUS OF HUMAN SAFETY AND ENVIRONMENTAL ASPECTS OF FLUORESCENT WHITENING AGENTS USED IN DETERGENTS IN THE UNITED STATES. *Crit. Rev. Environ. Control* 7 (1): 91-120. 1977. SFA 22(3)

71-010664 Burkhalter, D. E. and Kaya, C. M. EFFECTS OF PROLONGED EXPOSURE TO AMMONIA ON FERTILIZED EGGS AND SAC FRY OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Trans. Am. Fish. Soc.* 106 (5): 470-475. Sept. 1977. SFA 23(1)

71-010665 Burns, K. A. MICROSOMAL MIXED FUNCTION OXIDASES IN AN ESTUARINE FISH, /FUNDULUS HETEROCLITUS/, AND THEIR INDUCTION AS A RESULT OF ENVIRONMENTAL CONTAMINATION. *Comp. Biochem. Physiol. B Comp. Biochem.* 53 (4): 443-446. 1976. SFA 22(1)

71-010666 Burton, D. T. and Margrey, S. L. AN EVALUATION OF ACUTE BROMINE CHLORIDE TOXICITY TO GRASS SHRIMP (/PALAEMONETES/ SPP.) AND JUVENILE BLUE CRABS (/CALLINECTES SAPIDUS/). *Bull. Environ. Contam. Toxicol.* 19 (2): 131-138. Feb. 1978. SFA 23(3)

71-010667 Burton, D. T. EVALUATION OF PENTRON D-90 TOXICITY TO JUVENILE ESTUARINE FISH AND BLUE CRABS. *Bull. Environ. Contam. Toxicol.* 25(3):470-476. Sept. 1980. SFA 25(4)

71-010668 Burton, D. T. GENERAL TEST CONDITIONS AND PROCEDURES FOR CHLORINE TOXICITY TESTS WITH ESTUARINE AND MARINE MACROINVERTEBRATES AND FISH. *Chesapeake Sci.* 18 (1): 130-136. Mar. 1977. SFA 22(3)

71-010669 Burton, D. T.; Hall, L. W., Jr. and Margrey, S. L. CHLORINE, TEMPERATURE AND EXPOSURE DURATION INTERACTIONS ON EGGS AND PROLARVAE OF THE STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM). *ASB (Assoc. Southeast. Biol.) Bull.* 26 (2): 89. Apr. 1979. SFA 24(4)

71-010670 Cairns, J., Jr.; Dickson, K. L. and Maki, A. W. ESTIMATING THE HAZARD OF CHEMICAL SUBSTANCES TO AQUATIC LIFE. *Hydrobiologia* 64 (2): 157-166. 1 June 1979. SFA 24(4)

71-010671 Cairns, J., Jr.; Buikema, A. L., Jr.; Heath, A. G. and Parker, B. C. EFFECTS OF TEMPERATURE ON AQUATIC ORGANISM SENSITIVITY TO SELECTED CHEMICALS. *Va. Water Resour. Cent. Bull.* 106. viii + 88p. Feb. 1978. SFA 23(3)

71-010672 Cairns, J., Jr.; Buikema, A. L., Jr.; Heath, A. G. and Parker, B. C. EFFECTS OF TEMPERATURE ON AQUATIC ORGANISM SENSITIVITY TO SELECTED CHEMICALS. *Va. Water Resour. Res. Cent. Bull.* 106. viii + 88p. Feb. 1978. SFA 23(4)

71-010673 Cairns, J., Jr. and Dickson, K. L. FIELD AND LABORATORY PROTOCOLS FOR EVALUATING THE EFFECTS OF CHEMICAL SUBSTANCES ON AQUATIC LIFE. *J. Test. Eval.* 6 (2): 81-90. 1978. SFA 23(3)

71-010674 Cairns, J., Jr.; van der Schalie, W. H. and Westlake, G. F. THE EFFECTS OF LAPSED TIME SINCE FEEDING UPON THE TOXICITY OF ZINC TO FISH. *Bull. Environ. Contam. Toxicol.* 13 (3): 269-274. Mar. 1975. SFA 21(4)

71-010675 Cairns, J., Jr.; Heath, A. G. and Parker, B. C. THE EFFECTS OF TEMPERATURE UPON THE TOXICITY OF CHEMICALS TO AQUATIC ORGANISMS. *Hydrobiologia* 47 (1): 135-171. July 1975. SFA 21(4)

71-010676 Cairns, J., Jr.; Calhoun, W. F.; McGinniss, M. J. and Straka, W. AQUATIC ORGANISMS RESPONSE TO SEVERE STRESS FOLLOWING ACUTELY SUBLETHAL TOXICANT EXPOSURE. *Water Resour. Bull.* 12 (6): 1233-1243. Dec. 1976. SFA 22(3)

71-010677 Calabrese, A.; Thurberg, F. P. and Gould, E. EFFECTS OF CADMIUM, MERCURY, AND SILVER ON MARINE ANIMALS. *Mar. Fish. Rev.* 39 (4): 5-11. Apr. 1977. SFA 22(3)

71-010678 Califano, R. J.; J. M. O'Connor and L. S. Peters. UPTAKE, RETENTION, AND ELIMINATION OF PCB (AROCLOR 1254) BY LARVAL STRIPED BASS *(MORONE SAXATILIS)*. *Bull. Environ. Contam. Toxicol.* 24(3):467-472. Mar. 1980. SFA 25(2)

71-010679 Cameron, J. A. and R. L. Smith. ULTRASTRUCTURAL EFFECTS OF CRUDE OIL ON EARLY LIFE STAGES OF PACIFIC HERRING. *Trans. Am. Fish. Soc.* 109(2):224-228. Mar. 1980. SFA 25(2)

71-010680 Canton, J. H. and Van Esch, G. J. THE SHORT-TERM TOXICITY OF SOME FEED ADDITIVES TO DIFFERENT FRESHWATER ORGANISMS. *Bull. Environ. Contam. Toxicol.* 15(6):720-725. June 1976. SFA 21(4)

71-010681 Canton, J. H. THE TOXICITY OF BENOMYL, THIOPHANATE-METHYL, AND BCM TO FOUR FRESHWATER ORGANISMS. *Bull. Environ. Contam. Toxicol.* 16(2):214-218. Aug. 1976. SFA 21(4)

71-010682 Cardeilhac, P. T.; Simpson, C. F.; Lovelock, R. L.; Yosha, S. F.; Calderwood, H. W. and Gudat, J. C. FAILURE OF OSMOREGULATION WITH APPARENT POTASSIUM INTOXICATION IN MARINE TELEOSTS: A PRIMARY TOXIC EFFECT OF COPPER. *Aquaculture* 17 (3): 231-239. July 1979. SFA 24(4)

71-010683 Cardwell, R. D.; Foreman, D. G.; Payne, T. R. and Wilbur, D. J. ACUTE AND CHRONIC TOXICITY OF CHLORDANE TO FISH AND INVERTEBRATES. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-019. x + 126p. Feb. 1977. SFA 23(2).

71-010684 Cardwell, R. D.; Foreman, D. G.; Payne, T. R. and Wilbur, D. J. ACUTE TOXICITY OF SELECTED TOXICANTS TO SIX SPECIES OF FISH. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-008. viii + 117p. Mar. 1976. SFA 21(2).

71-010685 Carlson, A. R. and Herman, L. J. EFFECT OF LONG-TERM REDUCTION AND DIEL FLUCTUATION IN DISSOLVED OXYGEN ON SPAWNING OF BLACK CRAPPIE, /POMOXIS NIGROMACULATUS/. *Trans. Am. Fish. Soc.* 107 (5): 742-746. Sept. 1978. SFa 24(1)

71-010686 Carrick, T. R. THE EFFECT OF ACID WATER ON THE HATCHING OF SALMONID EGGS. *J. Fish Biol.* 14 (2): 165-172. Feb. 1979. SFA 24(3)

71-010687 Carroll, J. J.; Ellis, S. J. and Oliver, W. S. INFLUENCES OF HARDNESS CONSTITUENTS ON THE ACUTE TOXICITY OF CADMIUM TO BROOK TROUT (/SALVELINUS FONTINALIS/). *Bull. Environ. Contam. Toxicol.* 22 (4/5): 575-581. July 1979. SFA 24(4)

71-010688 Chaiyarach, S.; Ratananun, V. and Harrel, R. C. ACUTE TOXICITY OF THE INSECTICIDES TOXAPHENE AND CARBARYL AND THE HERBICIDES PROPANIL AND MOLINATE TO FOUR SPECIES OF AQUATIC ORGANISMS. *Bull. Environ. Contam. Toxicol.* 14(3):281-284. Sept. 1975. SFA 21(4)

71-010689 Chambers, H.; Dziuk, L. J. and Watkins, J. HYDROLYTIC ACTIVATION AND DETOXICATION OF 2,4-DICHLOROPHENOXYACETIC ACID ESTERS IN MOSQUITO FISH. *Pestic. Biochem. Physiol.* 7 (3): 297-300. June 1977. SFA 22(3)

71-010690 Chambers, J. E.; Heitz, J. R.; McCorkle, F. M. and Yarbrough, J. D. ENZYME ACTIVITIES FOLLOWING CHRONIC EXPOSURE TO CRUDE OIL IN A STIMULATED ECOSYSTEM. II. STRIPED MULLET. *Environ. Res.* 20(1):140-147. Oct. 1979. SFA 25(1)

71-010691 Chan, K. K.-S. CHRONIC EFFECTS OF METHYLMERCURY ON THE REPRODUCTION OF THE TELEOST FISH, /ORYZIAS LATIPES/. *Ph.D. dissertation, Univ. British Columbia* 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):112. July 1978. SFA 23(4)

71-010692 Chapman, G. A. and Stevens, D. G. ACUTELY LETHAL LEVELS OF CADMIUM, COPPER, AND ZINC TO ADULT MALE COHO SALMON AND STEELHEAD. *Trans. Am. Fish. Soc.* 107 (6): 837-840. Nov. 1978. SFA 24(2)

71-010693 Chapman, G. A. EFFECTS OF CONTINUOUS ZINC EXPOSURE ON SOCKEYE SALMON DURING ADULT-TO-SMOLT FRESHWATER RESIDENCY. *Trans. Am. Fish. Soc.* 107 (6): 828-836. Nov. 1978. SFA 24(2)

71-010694 Chapman, G. A. TOXICITIES OF CADMIUM, COPPER, AND ZINC TO FOUR JUVENILE STAGES OF CHINOOK SALMON AND STEELHEAD. *Trans. Am. Fish. Soc.* 107(6):841-847. Nov. 1978. SFA 24(2)

71-010695 Chaudhuri, H. EXPERIMENTS ON THE EFFECTS OF ORGANOCHLOR INSECTICIDES ALDRIN, DIELDRIN AND ENDRIN ON FISH AND OTHER POND ORGANISMS. *J. Inland Fish. Soc. India* 7: 189-203. Dec. 1975. SFA 24(3)

71-010696 Chernoff, B. and Dooley, J. K. HEAVY METALS IN RELATION TO THE BIOLOGY OF THE MUMMICHOG, /FUNDULUS HETEROCLITUS/. *J. Fish Biol.* 14 (3): 309-328. Mar. 1979. SFA 24(3)

71-010697 Cherry, D. S.; Larrick, S. R.; Dickson, K. L.; Giattina, J. D. and Cairns, J., Jr. AVOIDANCE AND TOXICITY RESPONSES OF FISH TO INTERMITTENT CHLORINATION. *Environ. Int.* 2(2):85-90. 1979. SFA 25(1)

71-010698 Cherry, D. S.; Larrick, S. R.; Dickson, K. L.; Hoehn, R. C. and Cairns, J., Jr. SIGNIFICANCE OF HYPOCHLORUS ACID IN FREE RESIDUAL CHLORINE TO THE AVOIDANCE RESPONSE OF SPOTTED BASS (/MICROPTERUS PUNCTULATUS/) AND ROSYFACE SHINER (/NOTROPIS RUBELLUS/). *J. Fish. Res. Board Can.* 34 (9): 1365-1372. Sept. 1977. In English with French summ. SFA 22(4)

71-010699 Chliamovitch, Y.-P. and Kuhn, C. BEHAVIOURAL, HAEMATOLOGICAL AND HISTOLOGICAL STUDIES ON ACUTE TOXICITY OF BIS(TRI-/N/-BUTYLTIN) OXIDE ON /SALMO GAIRDNERI/ RICHARDSON AND /TILAPIA RENDALLI/ BOULENGER. *J. Fish Biol.* 10 (6): 575-585. June 1977. SFA 22(4)

71-010700 Christensen, G.; Hunt, E. and Fiandt, J. THE EFFECT OF METHYLMERCURIC CHLORIDE, CADMIUM CHLORIDE, AND LEAD NITRATE ON SIX BIOCHEMICAL FACTORS OF THE BROOK TROUT (/SALVELINUS FONTINALIS/). *Toxicol. Appl. Pharmacol.* 42 (3): 523-530. Dec. 1977. SFA 23(2)

71-010701 Clarke, R. McV.; Alexander, D. G.; Boychuk, R. W.; Chu, B. S. C. and Maciorowski, H. D. THE EFFECT OF CHLORINATION ON THE ACUTE LETHAL TOXICITY OF WINNIPEG MUNICIPAL WASTES. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 712. vii + 16p. 1977. In English with French summ. SFA 22(4)

71-010702 Clingbine, G. and Heading, C. E. EFFECT OF NEUROTUBULE DISRUPTING AGENTS ON GOLDFISH BEHAVIOUR. *Physiol. Behav.* 23(2):229-236. Aug. 1979. SFA 25(1)

71-010703 Clubb, R. W.; Gaufin, A. R. and Lords, J. L. ACUTE CADMIUM TOXICITY STUDIES UPON NINE SPECIES OF AQUATIC INSECTS. *Environ. Res.* 9 (3): 332-341. June 1975. SFA 22(1)

71-010704 Clubb, R. W.; Gaufin, A. R. and Lords, J. L. SYNERGISM BETWEEN DISSOLVED OXYGEN AND CADMIUM TOXICITY IN FIVE SPECIES OF AQUATIC INSECTS. *Environ. Res.* 9 (3): 285-289. June 1975. SFA 22(1)

71-010705 Coats, J. R. and O'Donnell-Jeffery, N. L. TOXICITY OF FOUR SYNTHETIC PYRETHROID INSECTICIDES TO RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 23(1/2):250-255. Sept. 1979. SFA 25(1)

71-010706 Coleman, R.; Yaron, Z. and Ilan, Z. AN ULTRASTRUCTURAL STUDY OF THE MITOCHONDRIA-RICH 'CHLORIDE' CELLS FROM THE GILLS OF FRESHWATER AND SEAWATER-ADAPTED /TILAPIA AUREA/ SUBJECTED TO A PESTICIDE. *J. Fish Biol.* 11 (6): 589-594. Dec. 1977. SFA 23(2)

71-010707 Collier, T. K.; Thomas, L. C. and Malins, D. C. INFLUENCE OF ENVIRONMENTAL TEMPERATURE ON DISPOSITION OF DIETARY NAPHTHALENE IN COHO SALMON (/ONCORHYNCHUS KISUTCH/): ISOLATION AND IDENTIFICATION OF INDIVIDUAL METABOLITES. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (1): 23-28. 1978. SFA 24(1)

71-010708 Colquhoun, J. R. and H. J. Dean. TOXICITY OF PROPOXUR TO BROOK TROUT AND LANDLOCKED SALMON. *N.Y. Fish Game J.* 27(1):32-38. Jan. 1980. SFA 25(3)

71-010709 Colt, J. and Tchobanoglous, G. CHRONIC EXPOSURE OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/, TO AMMONIA: EFFECTS ON GROWTH AND SURVIVAL. *Aquaculture* 15 (4): 353-372. Dec. 1978. SFA 24(2)

71-010710 Colt, J. E. THE EFFECTS OF AMMONIA ON THE GROWTH OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Ph.D. dissertation, Univ. Calif. (Davis)* 194p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(3):1061. Sept. 1978. SFA 24(1)

71-010711 Colwell, A. E. and C. H. Schaefer. DIETS OF *ICTALURUS NEBULOSUS* AND *POMOXIS NIGROMACULATUS* ALTERED BY DIFLUBENZURON. *Can. J. Fish. Aquatic Sci.* 37(4):632-639. Apr. 1980. SFA 25(2)

71-010712 Conway, H. L. SORPTION OF ARSENIC AND CADMIUM AND THEIR EFFECTS ON GROWTH, MICRONUTRIENT UTILIZATION, AND PHOTOSYNTHETIC PIGMENT COMPOSITION OF /ASTERIONELLA FORMOSA/. *J. Fish. Res. Board Can.* 35 (3): 286-294. Mar. 1978. In English with French summ. SFA 23(2)

71-010713 Cook, G. H.; Moore, J. C. and Coppage, D. L. THE RELATIONSHIP OF MALATHION AND ITS METABOLITIES TO FISH POISONING. *Bull. Environ. Contam. Toxicol.* 16 (3): 283-290. Sept. 1976. SFA 21(4)

71-010714 Cooley, J. M. FILTERING RATE PERFORMANCE OF /DAPHNIA RETROCURVA/ IN PULP MILL EFFLUENT. *J. Fish. Res. Board Can.* 34 (6):863-868. June 1977. In English with French summ. SFA 22(3)

71-010715 Couch, J. A.; J. T. Winstead; D. J. Hansen and L. R. Goodman. VERTEBRAL DYSPLASIA IN YOUNG FISH EXPOSED TO THE HERBICIDE TRIFLURALIN. *J. Fish. Dis.* 2(1):35-42. Jan. 1979. SFA 25(2)

71-010716 Couch, J. A.; Winstead, J. T. and Goodman, L. R. KEPONE-INDUCED SCOLIOSIS AND ITS HISTOLOGICAL CONSEQUENCES IN FISH. *Science* 197 (4303): 585-587. 5 Aug. 1977. SFA 22(4)

71-010717 Craig, P. C.; Withler, F. C. and Morley, R. B. EFFECTS OF METHANOL ON THE FERTILISATION OF CHUM SALMON (/ONCHORHYNCHUS KETA/) OVA. *Environ. Pollut.* 14 (2): 85-91. Oct. 1977. SFA 23(2)

71-010718 Crawford, R. E. and Allen, G. H. SEAWATER INHIBITION OF NITRITE TOXICITY TO CHINOOK SALMON. *Trans. Am. Fish. Soc.* 106 (1): 105-109. Jan. 1977. SFA 22(3)

71-010719 Crecelius, E. A. MEASUREMENTS OF OXIDANTS IN OZONIZED SEAWATER AND SOME BIOLOGICAL REACTIONS. *J. Fish. Res. Board Can.* 36(8):1006-1008. Aug. 1979. In English with French summ. SFA 25(1)

71-010720 Cripe, C. R. and Livingston, R. J. DYNAMICS OF MIREX AND ITS PRINCIPAL PHOTOPRODUCTS IN A SIMULATED MARSH SYSTEM. *Arch. Environ. Contam. Toxicol.* 5 (3): 295-303. 1977. SFA 22(3)

71-010721 Curby, W. A.; Winick, R. D. and Moy, E. C. ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-069. ix + 67p. Sept. 1976. SFA 23(3)

71-010722 Curtis, E. H.; Beauchamp, J. J. and Blaylock, B. G. APPLICATION OF VARIOUS MATHEMATICAL MODELS TO DATA FROM THE UPTAKE OF METHYL MERCURY IN BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/). *Ecol. Model.* 3 (4): 273-284. Oct. 1977. SFA 23(1)

71-010723 Curtis, L. R. and Beyers, R. J. INHIBITION OF OVIPOSITION IN THE TELEOST /ORYZIAS LATIPES/, INDUCED BY SUBACUTE KEPONE EXPOSURE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (1): 15-16. 1978. SFA 24(1)

71-010724 Danil'chenko, O. P. THE SENSITIVITY OF FISH EMBRYOS TO THE EFFECT OF TOXICANTS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 455-463. 1977. SFA 23(3)

71-010725 Danil'chenko, O. P. and Stroganov, N. S. EVALUATION OF TOXICITY TO THE EARLY ONTOGENY OF FISHES OF SUBSTANCES DISCHARGED INTO A BODY OF WATER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 311-319. 1975. SFA 21(3).

71-010726 Darrow, D. C. and Addison, R. F. UPTAKE, TISSUE DISTRIBUTION, METABOLISM AND ELIMINATION OF N-OCTANO-1-^{14}C-HYDROXAMIC ACID BY BROOK TROUT. *Bull. Environ. Contam. Toxicol.* 22(1-2):265-270. May 1979. SFA 24(3)

71-010727 Darrow, D. C.; Addison, R. F. and Law, F. C. P. DISPOSITION OF DIPHENYL ETHER FOLLOWING INTRAVENOUS ADMINISTRATION TO THORNY SKATE (/RAJA RADIATA/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (2): 317-321. 1978. SFA 24(1)

71-010728 Das, K. K.; S. G. Dastidae; S. Chakrabarty and S. K. Banerjee. TOXICITY OF MERCURY: A COMPARATIVE STUDY IN AIR-BREATHING AND NON AIR-BREATHING FISH. *Hydrobiologia* 68(3):225-229. 16 Feb. 1980. SFA 25(2)

71-010729 Davenport, J.; S. Lønning and L. J. Sæthre. THE EFFECTS OF EKOFISK OIL EXTRACT UPON OXYGEN UPTAKE IN EGGS AND LARVAE OF THE COD *GADUS MORHUA* L. *Astarte* 12(1):31-34. 1979. SFA 25(3)

71-010730 Davies, P. H.; Goettl, J. P., Jr. and Sinley, J. R. TOXICITY OF SILVER TO RAINBOW TROUT (/SALMO GAIRDNERI/). *Water Res.* 12 (2): 113-117. 1978. SFA 23(3)

71-010731 Davis, J. C. and Shand, I. G. ACUTE AND SUBLETHAL COPPER SENSITIVITY, GROWTH AND SALTWATER SURVIVAL IN YOUNG BABINE LAKE SOCKEYE SALMON. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 847. v + 55p. Dec. 1978. In English with French summ. SFA 24(3)

71-010732 Davis, J. C. PROGRESS IN SUBLETHAL EFFECT STUDIES WITH KRAFT PULPMILL EFFLUENT AND SALMONIDS. *J. Fish. Res. Board Can.* 33 (9): 2031-2035. Sept. 1976. In English with French summ. SFA 21(3).

71-010733 Davis, K. B. and Simco, B. A. SALINITY EFFECTS ON PLASMA ELECTROLYTES OF CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *J. Fish. Res. Board Can.* 33 (4,1): 741-746. Apr. 1976. In English with French summ. SFA 21(2).

71-010734 Dawson, M. A.; Gould, E.; Thurberg, F. P. and Calabrese, A. PHYSIOLOGICAL RESPONSE OF JUVENILE STRIPED BASS, /MORONE SAXATILIS/, TO LOW LEVELS OF CADMIUM AND MERCURY. *Chesapeake Sci.* 18 (4): 353-359. Dec. 1977. SFA 23(2)

71-010735 Dawson, V. K. and Gilderhus, P. A. ETHYL-P-AMINOBENZOATE (BENZOCAINE): EFFICACY AS AN ANESTHETIC FOR FIVE SPECIES OF FRESHWATER FISH. *U.S. Fish Wildl. Serv. Invest. Fish Control* 87. 5p. 1979. SFA 24(3)

71-010736 Daye, P. G. and E. T. Garside. STRUCTURAL ALTERATIONS IN EMBRYOS AND ALEVINS OF THE ATLANTIC SALMON, *SALMO SALAR* L., INDUCED BY CONTINUOUS OR SHORT-TERM EXPOSURE TO ACIDIC LEVELS OF pH. *Can. J. Zool.* 58(1):27-43. Jan. 1980. In English with French summ. SFA 25(2)

71-010737 Daye, P. G. and Garside, E. T. LOWER LETHAL LEVELS OF PH FOR EMBRYOS AND ALEVINS OF ATLANTIC SALMON, /SALMO SALAR/ L. *Can. J. Zool.* 55 (9): 1504-1508. Sept. 1977. SFA 23(1)

71-010738 Daye, P. G. and Garside, E. T. HISTOPATHOLOGIC CHANGES IN SURFICIAL TISSUES OF BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL), EXPOSED TO ACUTE AND CHRONIC LEVELS OF PH. *Can. J. Zool.* 54 (12): 2140-2155. Dec. 1976. In English with French summ. SFA 22(1)

71-010739 Daye, P. G. and Garside, E. T. LETHAL LEVELS OF PH FOR BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL). *Can. J. Zool.* 53 (5): 639-641. May 1975. In English with French summ. SFA 22(1)

71-010740 Daye, P. G. ATTEMPTS TO ACCLIMATE EMBRYOS AND ALEVINS OF ATLANTIC SALMON, *SALMO SALAR*, AND RAINBOW TROUT, *S. GAIRDNERI*, TO LOW pH. *Can. J. Fish. Aquatic Sci.* 37(6):1035-1038. June 1980. In English with French summ. SFA 25(3)

71-010741 de Jong, I. G. and Wiles, D. R. MOLECULAR ACTIVATION ANALYSIS AND ITS APPLICATION TO METHYLMERCURY DETERMINATION IN VARIOUS MARINE SAMPLES. *J. Fish. Res. Board Can.* 33 (6): 1324-1330. June 1976. In English with French summ. SFA 21(2).

71-010742 De March, B. G. E. SURVIVAL OF /HYALELLA AZTECA/ (SAUSSURE) RAISED UNDER DIFFERENT LABORATORY CONDITIONS IN A PH BIOASSAY, WITH REFERENCES TO COPPER TOXICITY. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 894. iv + 5p. Oct. 1979. In English with French summ. SFA 25(1)

71-010743 Dean, H. J.; Colquhoun, J. R. and Simonin, H. A. TOXICITY OF METHOXYCHLOR AND NALED TO SEVERAL LIFE STAGES OF LANDLOCKED ATLANTIC SALMON. *N.Y. Fish Game J.* 24 (2): 144-153. July 1977. SFA 22(4)

71-010744 Dean, H. J.; J. C. Skea; J. R. Colquhoun and H. A. Simonin. REPRODUCTION OF LAKE TROUT IN LAKE GEORGE. *N.Y. Fish Game J.* 26(2):188-191. July 1979. SFA 25(2)

71-010745 DeFoe, D. L.; Veith, G. D. and Carlson, R. W. EFFECTS OF AROCLOR 1248 AND 1260 ON THE FATHEAD MINNOW (/PIMEPHALES PROMELAS/). *J. Fish. Res. Board Can.* 35 (7): 997-1002. July 1978. In English with French summ. SFA 23(4)

71-010746 DeGraeve, G. M.; D. L. Geiger; J. S. Meyer and H. L. Bergman. ACUTE AND EMBRYO-LARVAL TOXICITY OF PHENOLIC COMPOUNDS TO AQUATIC BIOTA. *Arch. Environ. Contam. Toxicol.* 9(5):557-568. 1980. SFA 25(4)

71-010747 DeGraeve, G. M.; Crutzen, T. and Ward, R. W. CHAMBER FOR HOLDING AQUATIC MICROINVERTEBRATES DURING TOXICITY TESTS IN A FLOW-THROUGH DILUTER SYSTEM. *Prog. Fish-Cult.* 39 (2): 100-101. Apr. 1977. SFA 22(3)

71-010748 DeGraeve, G. M. and Ward, R. W. ACCLIMATION OF FATHEAD MINNOWS AND LAKE TROUT TO RESIDUAL CHLORINE AND BROMINE CHLORIDE. *J. Water Pollut. Control Fed.* 49 (10): 2172-2178. Oct. 1977. SFA 23(1)

71-010749 Delisle, C. E. and Allan, D. J. PLEXIGLAS CAGES FOR THE STUDY OF BIOLOGICAL EFFECTS OF INDUSTRIAL EFFLUENTS. *Prog. Fish-Cult.* 38 (2): 114-116. Apr. 1976. SFA 21(3).

71-010750 Demaël, A.; D. Garin and G. Pérès. RESPONSE OF THE TENCH (*TINCA TINCA* L.) TO POTASSIUM NITRATE ENRICHED WATER. *J. Fish Biol.* 16(1):15-22. Jan. 1980. SFA 25(2)

71-010751 Desaiah, D. and Koch, R. B. INFLUENCE OF SOLVENTS ON THE PESTICIDE INHIBITION OF ATPASE ACTIVITIES IN FISH AND INSECT TISSUE HOMOGENATES. *Bull. Environ. Contam. Toxicol.* 17 (1): 74-81. Jan. 1977. SFA 22(3)

71-010752 DiMichele, L. and Taylor, M. H. HISTOPATHOLOGICAL AND PHYSIOLOGICAL RESPONSES OF /FUNDULUS HETEROCLITUS/ TO NAPHTHALENE EXPOSURE. *J. Fish. Res. Board Can.* 35 (8): 1060-1066. Aug. 1978. In English with French summ. SFA 23(4)

71-010753 Dively, J. L.; Mudge, J. E.; Neff, W. H. and Anthony, A. BLOOD P(O(2)), P(CO(2)) AND PH CHANGES IN BROOK TROUT (/SALVELINUS FONTINALIS/) EXPOSED TO SUBLETHAL LEVELS OF ACIDITY. *Comp. Biochem. Physiol. A Comp. Physiol.* 57 (3): 347-351. 1977. SFA 22(3)

71-010754 Diwan, A. D.; Hingorani, H. G. and Naidu, N. C. LEVELS OF BLOOD GLUCOSE AND TISSUE GLYCOGEN IN TWO LIVE FISH EXPOSED TO INDUSTRIAL EFFLUENT. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 269-272. Jan. 1979. SFA 24(2)

71-010755 Dixon, R. N. and Milton, P. THE EFFECTS OF THE ANAESTHETIC QUINALDINE ON OXYGEN CONSUMPTION IN AN INTERTIDAL TELEOST /BLENNIUS PHOLIS/ (L.). *J. Fish Biol.* 12 (4): 359-369. Apr. 1978. SFA 23(3)

71-010756 Dodson, J. J. and C. I. Mayfield. THE DYNAMICS AND BEHAVIORAL TOXICOLOGY OF AQUA-KLEEN® (2,4-D BUTOXYETHANOL ESTER) AS REVEALED BY THE MODIFICATION OF RHEOTROPISM IN RAINBOW TROUT. *Trans. Am. Fish. Soc.* 108(6):632-640. Nov. 1979. SFA 25(2)

71-010757 Dokholyan, V. K. and Akhmedova, T. P. THE EFFECT OF MERCURIC CHLORIDE ON SOME BIOCHEMICAL INDICATORS OF THE BRAIN, BLOOD AND LIVER OF THE "CASPIAN ROACH", /RUTILUS RUTILUS CASPICUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18 (1): 162-165. 1978. SFA 24(3)

71-010758 Domanik, A. M. and Zar, J. H. THE EFFECT OF MALATHION ON THE TEMPERATURE SELECTION RESPONSE OF THE COMMON SHINER, /NOTROPIS CORNUTUS/ (MITCHILL). *Arch. Environ. Contam. Toxicol.* 7 (2): 193-206. 1978. SFA 23(3)

71-010759 Doudoroff, P. TOXICITY TO FISH OF CYANIDES AND RELATED COMPOUNDS. A REVIEW. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-038. vi + 155p. Apr. 1976. SFA 21(2).

71-010760 Doyle, M.; Koepp, S. and Klaunig, J. ACUTE TOXICOLOGICAL RESPONSE OF THE CRAYFISH (/ORCONECTES LIMOSUS/) TO MERCURY. *Bull. Environ. Contam. Toxicol.* 16 (4): 422-424. Oct. 1976. SFA 21(4)

71-010761 Drummond, R. A. DISPOSABLE ELECTRODE CHAMBER FOR MEASURING OPERCULAR MOVEMENTS OF FATHEAD MINNOWS. *Prog. Fish-Cult.* 39 (2): 94. Apr. 1977. SFA 22(3)

71-010762 Dubale, M. S. and Shah, P. TOXIC EFFECT OF CADMIUM NITRATE ON THE LIVER OF /CHANNA PUNCTATUS/. *Experientia (Basel)* 35 (5): 643-644. 15 May 1979. SFA 24(4)

71-010763 Ducat, D. A. and Khan, M. A. Q. ABSORPTION AND ELIMINATION OF ^{14}C-/CIS/- CHLORDANE AND ^{14}C-PHOTO-/CIS/-CHLORDANE BY GOLDFISH /CARASSIUS AURATUS/. *Arch. Environ. Contam. Toxicol.* 8(4):409-417. 1979. SFA 24(4)

71-010764 Dunn, B. P. and Stich, H. F. MONITORING PROCEDURES FOR CHEMICAL CARCINOGENS IN COASTAL WATERS. *J. Fish. Res. Board Can.* 33 (9): 2040-2046. Sept. 1976. In English with French summ. 21(3).

71-010765 Duursma, E. K. and Hanafi, A. USE OF PESTICIDES IN BRACKISH WATER PONDS. 1. EFFECTS OF DIAZINON ON FISH AND SHRIMP. *Bull. Shrimp Cult. Res Cent. (Jepara)* 1 (2): 56-68. July 1975. In English with Indonesian summ. SFA 22(2)

71-010766 Eaton, J. G.; McKim, J. M. and Holcombe, G. W. METAL TOXICITY TO EMBRYOS AND LARVAE OF SEVEN FRESHWATER FISH SPECIES--I. CADMIUM. *Bull. Environ. Contam. Toxicol.* 19(1):95-103. Jan. 1978. SFA 23(2)

71-010767 Edgren, M. and M. Notter. CADMIUM UPTAKE BY FINGERLINGS OF PERCH (*PERCA FLUVIATILIS*) STUDIED BY Cd-115M AT TWO DIFFERENT TEMPERATURES. *Bull. Environ. Contam. Toxicol.* 24(5):647-651. May 1980. SFA 25(3)

71-010768 Edmundson, E. H., Jr. EFFECTS OF GAMMA RADIATION AND TEMPERATURE ON GROWTH OF JUVENILE RAINBOW TROUT (/SALMO GAIRDNERI/). *Northwest Sci.* 50 (3): 183-188. 1976. SFA 22(3)

71-010769 EIFAC Working Party on Water; Quality Criteria for European Freshwater and Fish. REPORT ON CADMIUM AND FRESHWATER FISH. *Water Res.* 12 (4): 281-283. 1978. SFA 23(4)

71-010770 EIFAC Working Party on Water; Quality Criteria for European Freshwater and Fish. REPORT ON COPPER AND FRESHWATER FISH. *Water Res.* 12 (4): 277-280. 1978. SFA 23(4)

71-010771 Eisele, P. J. and Hartung, R. THE EFFECTS OF METHOXYCHLOR ON RIFFLE INVERTEBRATE POPULATIONS AND COMMUNITIES. *Trans. Am. Fish. Soc.* 105 (5): 628-633. Sept. 1976. SFA 21(4).

71-010772 Ekechukwu, G. C. A. PHARMACOKINETICS OF METHYL MERCURY BIOACCUMULATION IN CARP, /CYPRINUS CARPIO/ LINNAEUS. *Ph.D. dissertation, Univ. Nev. (Reno).* 167 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-010773 Elcombe, C. R.; Franklin, R. B. and Lech, J. J. MONOOXYGENASE ACTIVITY IN RAINBOW TROUT. EFFECTS OF SELECTED PCB ISOMERS. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A171. 30 Mar. 1979. SFA 24(3)

71-010774 Eldridge, M. B. and Echeverria, T. FATE OF ^{14}C-BENZENE (AN AROMATIC HYDROCARBON OF CRUDE OIL) IN A SIMPLE FOOD CHAIN OF ROTIFERS AND PACIFIC HERRING LARVAE. *Cal-Neva Wildl. Trans.* 1977:90-96. 1977. SFA 23(3)

71-010775 Eldridge, M. B.; Echeverria, T. and Korn, S. FATE OF ^{14}C-BENZENE IN EGGS AND LARVAE OF PACIFIC HERRING (/CLUPEA HARENGUS PALLASI/). *J. Fish. Res. Board Can.* 35(6):861-865. June 1978. In English with French summ. SFA 23(3)

71-010776 Eldridge, M. B.; Echeverria, T. and Whipple, J. A. ENERGETICS OF PACIFIC HERRING (/CLUPEA HARENGUS PALLASI/) EMBRYOS AND LARVAE EXPOSED TO LOW CONCENTRATIONS OF BENZENE, A MONOAROMATIC COMPONENT OF CRUDE OIL. *Trans. Am. Fish. Soc.* 106 (5): 452-461. Sept. 1977. SFA 23(1)

71-010777 Ellgaard, E. G.; Tusa, J. E. and Malizia, A. A., Jr. LOCOMOTOR ACTIVITY OF THE BLUEGILL /LEPOMIS MACROCHIRUS/: HYPERACTIVITY INDUCED BY SUBLETHAL CONCENTRATIONS OF CADMIUM, CHROMIUM AND ZINC. *J. Fish Biol.* 12 (1): 19-23. Jan. 1978. SFA 23(2)

71-010778 Ellgaard, E. G.; Ochsner, J. C. and Cox, J. K. LOCOMOTOR HYPERACTIVITY INDUCED IN THE BLUEGILL SUNFISH, /LEPOMIS MACROCHIRUS/, BY SUBLETHAL CONCENTRATIONS OF DDT. *Can. J. Zool.* 55 (7): 1077-1081. July 1977. In English with French summ. SFA 22(4)

71-010779 Elmore, M. B.; T. L. Beitinger and D. W. Huey. TOXICITY OF PULSED MONOCHLORAMINES TO GOLDFISH (*CARASSIUS AURATUS*). *Bull. Environ. Contam. Toxicol.* 24(5):692-695. May 1980. SFA 25(3)

71-010780 Elwood, J. W. and Eyman, L. D. TEST OF A MODEL FOR PREDICTING THE BODY BURDEN OF TRACE CONTAMINANTS IN AQUATIC CONSUMERS. *J. Fish. Res. Board Can.* 33 (5): 1162-1166. May 1976. In English with French summ. SFA 21(2).

71-010781 Ernst, V. V.; Neff, J. M. and Anderson, J. W. THE EFFECTS OF THE WATER-SOLUBLE FRACTIONS OF NO. 2 FUEL OIL ON THE EARLY DEVELOPMENT OF THE ESTUARINE FISH, /FUNDULUS GRANDIS/ BAIRD AND GIRARD. *Environ. Pollut.* 14 (1): 25-35. Sept. 1977. SFA 23(1)

71-010782 Eurell, J. A. C. THE EFFECTS OF EXPOSURE TO WATER SOLUBLE FRACTIONS OF CRUDE OIL ON THE HISTOLOGY AND SELECTED HISTOCHEMICAL PARAMETERS OF THE LIVER OF ATLANTIC CROAKER (*MICROPOGON UNDULATUS* L.). *Ph.D. dissertation, Texas A&M Univ.* 147p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(8):3610. Feb. 1980. SFA 25(2)

71-010783 Förlin, L. EFFECTS OF CLOPHEN A50, 3-METHYLCHOLANTHRENE, PREGNENOLONE-16α-CARBONITRILE AND PHENOBARBITAL ON THE HEPATIC MICROSOMAL CYTOCHROME *P*-450-DEPENDENT MONOOXYGENASE SYSTEM IN RAINBOW TROUT, *SALMO GAIRDNERI*, OF DIFFERENT AGE AND SEX. *Toxicol. Appl. Pharmacol.* 54(3):420-430. July 1980. SFA 25(3)

71-010784 Fabacher, D. L. and Chambers, H. UPTAKE AND STORAGE OF ^{14}C-LABELED ENDRIN BY THE LIVERS AND BRAINS OF PESTICIDE-SUSCEPTIBLE AND RESISTANT MOSQUITOFISH. *Bull. Environ. Contam. Toxicol.* 16(2):203-207. Aug. 1976. SFA 21(4)

71-010785 Fabacher, D. L. TOXICITY OF ENDRIN AND AN ENDRIN-METHYL PARATHION FORMULATION TO LARGEMOUTH BASS FINGERLINGS. *Bull. Environ. Contam. Toxicol.* 16 (3): 376-378. Sept. 1976. SFA 21(4)

71-010786 Fandrei, G. and Collins, H. L. TOTAL RESIDUAL CHLORINE: THE EFFECT OF SHORT-TERM EXPOSURE ON THE EMERALD SHINER /NOTROPIS ATHERINOIDES/ (RAFINESQUE). *Bull. Environ. Contam. Toxicol.* 23(1/2):262-268. Sept. 1979. SFA 25(1)

71-010787 FAO of the UN. MANUAL OF METHODS IN AQUATIC ENVIRONMENT RESEARCH. PART 4--BASES FOR SELECTING BIOLOGICAL TESTS TO EVALUATE MARINE POLLUTION. *FAO Fish. Tech. Pap.* No. 164. viii + 31p. May 1977. SFA 23(3)

71-010788 FAO of the UN. REPORT OF THE ACMRR/IABO WORKING PARTY ON BIOLOGICAL EFFECTS OF POLLUTANTS AND REPORT OF THE ACMRR/IABO EXPERT CONSULTATION ON BIOASSAYS WITH AQUATIC ORGANISMS IN RELATION TO POLLUTION PROBLEMS. *FAO Fish Rep.* No. 187. v + 28p. 1977. SFA 24(2)

71-010789 Farr, J. A. IMPAIRMENT OF ANTIPREDATOR BEHAVIOR IN /PALAEMONETES PUGIO/ BY EXPOSURE TO SUBLETHAL DOSES OF PARATHION. *Trans. Am. Fish. Soc.* 106 (3): 287-290. May 1977. SFA 22(4)

71-010790 Fava, J. A. and Tsai, C. IMMEDIATE BEHAVIORAL REACTIONS OF BLACKNOSE DACE, /RHINICHTHYS ATRATULUS/, TO DOMESTIC SEWAGE AND ITS TOXIC CONSTITUENTS. *Trans. Am. Fish. Soc.* 105 (3): 430-441. May 1976. SFA 21(3).

71-010791 Fava, J. A., Jr. and Tsai, C. DELAYED BEHAVIORAL RESPONSES OF THE BLACKNOSE DACE (/RHINICHTHYS ATRATULUS/) TO CHLORAMINES AND FREE CHLORINE. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (2): 123-128. 1978. SFA 23(4)

71-010792 Fava, J. A., Jr. THE BEHAVIORAL RESPONSES OF BLACKNOSE DACE, /RHINICHTHYS ATRATULUS/ (HERMANN), TO DOMESTIC SEWAGE EFFLUENTS AND THEIR TOXIC CONSTITUENTS. *Ph.D. dissertation, Univ. Md.* 126p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2).

71-010793 Fennikoh, K. B.; Hirshfield, H. I. and Kneip, T. J. CADMIUM TOXICITY IN PLANKTONIC ORGANISMS OF A FRESHWATER FOOD WEB. *Environ. Res.* 15 (3): 357-367. June 1978. SFA 23(4)

71-010794 Feroz, M. and Khan, M. A. Q. FATE OF ^{14}C-CIS-CHLORDANE IN GOLDFISH, /CARASSIUS AURATUS/ (L.). *Bull. Environ. Contam. Toxicol.* 23(1/2):64-69. Sept. 1979. SFA 25(1)

71-010795 Feroz, M. and Khan, M. A. Q. METABOLISM OF ^{14}C-HEPTACHLOR IN GOLDFISH (/CARASSIUS AURATUS/). *Arch. Environ. Contam. Toxicol.* 8(5):519-531. 1979. SFA 24(4)

71-010796 Ferraro, L. A.; Wolke, R. E. and Yevich, P. P. ACUTE TOXICITY OF WATER-BORNE DIMETHYLNITROSAMINE (DMN) TO /FUNDULUS HETEROCLITUS/ (L.). *J. Fish Biol.* 10 (3): 203-209. Mar. 1977. SFA 22(3)

71-010797 Ferreira, J. T.; Smit, G. L.; Schoonbee, H. J. and Holzapfel, C. W. COMPARISON OF ANESTHETIC POTENCY OF BENZOCAINE HYDROCHLORIDE AND MS-222 IN TWO FRESHWATER FISH SPECIES. *Prog. Fish-Cult.* 41(3):161-163. July 1979. SFA 25(1)

71-010798 Finlayson, B. J. and K. M. Verrue. ESTIMATED SAFE ZINC AND COPPER LEVELS FOR CHINOOK SALMON, *ONCORHYNCHUS TSHAWYTSCHA*, IN THE UPPER SACRAMENTO RIVER, CALIFORNIA. *Calif. Fish Game* 66(2):68-82. Apr. 1980. SFA 25(3)

71-010799 Finlayson, B. J. and Ashuckian, S. H. SAFE ZINC AND COPPER LEVELS FROM THE SPRING CREEK DRAINAGE FOR STEELHEAD TROUT IN THE UPPER SACRAMENTO RIVER, CALIFORNIA. *Calif. Fish Game* 65 (2): 80-99. Apr. 1979. SFA 24(3)

71-010800 Fisher, J. W.; C. B. Harrah and W. O. Berry. HYDRAZINE: ACUTE TOXICITY TO BLUEGILLS AND SUBLETHAL EFFECTS ON DORSAL LIGHT RESPONSE AND AGGRESSION. *Trans. Am. Fish. Soc.* 109(3):304-309. May 1980. SFA 25(4)

71-010801 Fletcher, G. L.; Kiceniuk, J. W.; King, M. J. and Payne, J. F. REDUCTION OF BLOOD PLASMA COPPER CONCENTRATIONS IN A MARINE FISH FOLLOWING A SIX MONTH EXPOSURE TO CRUDE OIL. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 548-551. July 1979. SFA 24(4)

71-010802 Flos, R.; Caritat, A. and Balasch, J. ZINC CONTENT IN ORGANS OF DOGFISH (/SCYLIORHINUS CANICULA/ L.) SUBJECT TO SUBLETHAL EXPERIMENTAL AQUATIC ZINC POLLUTION. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):77-81. 1979. SFA 25(1)

71-010803 Fogels, A. and Sprague, J. B. COMPARATIVE SHORT-TERM TOLERANCE OF ZEBRAFISH, FLAGFISH, AND RAINBOW TROUT TO FIVE POISONS INCLUDING POTENTIAL REFERENCE TOXICANTS. *Water Res.* 11(9):811-817. 1977. SFA 23(1)

71-010804 Folmar, L. C. ACROLEIN, DALAPON, DICHLOBENIL, DIQUAT, AND ENDOTHAL: BIBLIOGRAPHY OF TOXICITY TO AQUATIC ORGANISMS. *U.S. Fish Wildl. Serv. Tech. Pap.* 88. 16p. 1976. SFA 22(2)

71-010805 Folmar, L. C. OVERT AVOIDANCE REACTION OF RAINBOW TROUT TO NINE HERBICIDES. *Bull. Environ. Contam. Toxicol.* 15 (5): 509-514. May 1976. SFA 21(4)

71-010806 Folmar, L. C.; Sanders, H. O. and Julin, A. M. TOXICITY OF THE HERBICIDE GLYPHOSATE AND SEVERAL OF ITS FORMULATIONS TO FISH AND AQUATIC INVERTEBRATES. *Arch. Environ. Contam. Toxicol.* 8 (3): 269-278. 1979. SFA 24(3)

71-010807 Fong, W. C. UPTAKE AND RETENTION OF KUWAIT CRUDE OIL AND ITS EFFECTS ON OXYGEN UPTAKE BY THE SOFT-SHELL CLAM, /MYA ARENARIA/. *J. Fish. Res. Board Can.* 33 (12): 2774-2780. Dec. 1976. In English with French summ. SFA 22(1)

71-010808 Forlin, L. and Lidman, U. EFFECTS OF CLOPHEN A50, 4-, 2,5,2',5'-TETRA- AND 2,4,5,2',4',5'- HEXACHLOROBIPHENYL ON THE MIXED-FUNCTION OXIDASE SYSTEM OF RAINBOW TROUT (/SALMO GAIRDNERII/ RICH.) LIVER. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (2): 193-197. 1978. SFA 23(4)

71-010809 Foulquier, L. and Grauby, G. CONTAMINATION OF THE EUROPEAN EEL (/ANGUILLA ANGUILLA/ L.) WITH ZINC-65. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 7 (6): 495-506. Nov.-Dec. 1977. SFA 23(1)

71-010810 Fox, M. E.; Whittle, D. M. and Kaiser, K. L. E. DEHYDROABIETIC ACID ACCUMULATION BY RAINBOW TROUT (/SALMO GAIRDNERI/) EXPOSED TO KRAFT MILL EFFLUENT. *J. Great Lakes Res.* 3 (1/2): 155-158. Oct. 1977. SFA 23(2)

71-010811 Freeman, H. C.; Shum, G. and Uthe, J. F. THE SELENIUM CONTENT IN SWORDFISH (/XIPHIAS GLADIUS/) IN RELATION TO TOTAL MERCURY CONTENT. *J. Environ. Sci. Health A Environ. Sci. Eng.* 13 (3): 235-240. 1978. SFA 23(3)

71-010812 Freeman, H. C.; Uthe, J. F.; Fleming, R. B.; Odense, P. H.; Ackman, R. G.; Landry, G. and Musial, C. CLEARANCE OF ARSENIC INGESTED BY MAN FROM ARSENIC CONTAMINATED FISH. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 224-229. May 1979. SFA 24(3)

71-010813 Gardner, G. R. A REVIEW OF HISTOPATHOLOGICAL EFFECTS OF SELECTED CONTAMINANTS ON SOME MARINE ORGANISMS. *Mar. Fish. Rev.* 40 (10): 51-52. Oct. 1978. SFA 24(2)

71-010814 Garofano, J. S. THE EFFECTS OF CADMIUM ON THE PERIPHERAL BLOOD AND HEAD KIDNEY OF THE BROWN BULLHEAD *ICTALURUS NEBULOSUS* (LESUEUR). *Ph.D. dissertation, N.Y. Univ.* 134p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5109. May 1980. SFA 25(3)

71-010815 Geckler, J. R.; Horning, W. B.; Neiheisel, T. M.; Pickering, Q. H.; Robinson, E. L. and Stephan, C. E. VALIDITY OF LABORATORY TESTS FOR PREDICTING COPPER TOXICITY IN STREAMS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-116. xv + 192p. Dec. 1976. SFA 23(3)

71-010816 Geiszler, P. C.; Grantham, B. J. and Blomquist, G. J. FATE OF LABELED N-ALKANES IN THE BLUE CRAB AND STRIPPED MULLET. *Bull. Environ. Contam. Toxicol.* 17 (4): 463-467. Apr. 1977. SFA 22(3)

71-010817 Gelman, A. and Herzberg, A. A FIELD METHOD TO CERTIFY WHETHER FISH DIED FROM POISONING BY ACETYLCHOLINESTERASE INHIBITION. *Bamidgeh* 31 (1): 18-20. Mar. 1979. SFA 24(4)

71-010818 Gerhart, D. Z.; Anderson, S. M. and Richter, J. TOXICITY BIOASSAYS WITH PERIPHYTON COMMUNITIES: DESIGN OF EXPERIMENTAL STREAMS. *Water Res.* 11(7):567-570. 1977. SFA 22(4)

71-010819 Giesy, J. P. and Wilner, J. G. FREQUENCY DISTRIBUTIONS OF TRACE METAL CONCENTRATIONS IN FIVE FRESHWATER FISHES. *Trans. Am. Fish. Soc.* 106(4):393-403. July 1977. SFA 22(4)

71-010820 Giesy, J. P., Jr.; Kania, H. J.; Bowling, J. W.; Knight, R. L.; Mashburn, S. and Clarkin, S. FATE AND BIOLOGICAL EFFECTS OF CADMIUM INTRODUCED INTO CHANNEL MICROCOSMS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-039. xv + 157p. Apr. 1979. SFA 24(4)

71-010821 Gilbert, J. P.; J. B. Gratzek and J. Brown. AN *IN VITRO* METHOD FOR TESTING SYNERGISTIC ACTION OF PARASITICIDES USING MALACHITE GREEN AND FORMALIN AS A MODEL SYSTEM. *J. Fish Dis.* 2(3):191-196. May 1979. SFA 25(2)

71-010822 Gilderhus, P. A. EFFECTS OF GRANULAR 2',5-DICHLORO-4'-NITROSALICYLANILIDE (BAYER 73) ON BENTHIC MACROINVERTEBRATES IN A LAKE ENVIRONMENT. *Great Lakes Fish Comm. Tech. Rep.* No. 34. p. 1-5. May 1979. SFA 24(4)

71-010823 Glickman, A. H.; Shono, T.; Casida, J. E. and Lech, J. J. STUDIES ON THE METABOLISM OF PERMETHRIN BY FISH. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A193. 30 Mar. 1979. Abstract only. SFA 24(3)

71-010824 Glickman, A. H.; Statham, C. N.; Wu, A. and Lech, J. J. STUDIES ON THE UPTAKE, METABOLISM, AND DISPOSITION OF PENTACHLOROPHENOL AND PENTACHLOROANISOLE IN RAINBOW TROUT. *Toxicol. Appl. Pharmacol.* 41 (3): 649-658. Sept. 1977. SFA 23(1)

71-010825 Goel, K. A. and V. Garg. 2,3',4-TRIAMINOAZOBENZENE-INDUCED HEMATOBIOCHEMICAL ANOMALIES IN FISH (*CHANNA PUNCTATUS*). *Bull. Environ. Contam. Toxicol.* 25(1):136-141. July 1980. SFA 25(4)

71-010826 Goodman, L. R.; Coppage, D. L.; Moore, J. C.; Hansen, D. J. and Matthews, E. DIAZINON: CHRONIC TOXICITY TO, AND BRAIN ACETYLCHOLINESTERASE INHIBITION IN, THE SHEEPSHEAD MINNOW, /CYPRINODON VARIEGATUS/. *Trans. Am. Fish. Soc.* 108(5):479-488. Sept. 1979. SFA 25(1)

71-010827 Goodman, L. R.; Hansen, D. J.; Couch, J. A. and Forester, J. EFFECTS OF HEPTACHLOR AND TOXAPHENE ON LABORATORY-REARED EMBRYOS AND FRY OF THE SHEEPSHEAD MINNOW. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:192-202. 1976[1978]. SFA 24(1)

71-010828 Gordon, M. R. and McLeay, D. J. SEALED-JAR BIOASSAYS FOR PULPMILL EFFLUENT TOXICITY: EFFECTS OF FISH SPECIES AND TEMPERATURE. *J. Fish. Res. Board Can.* 34 (9): 1389-1396. Sept. 1977. In English with French summ. SFA 22(4)

71-010829 Gould, E. and MacInnes, J. R. SHORT-TERM EFFECTS OF TWO SILVER SALTS ON TISSUE RESPIRATION AND ENZYME ACTIVITY IN THE CUNNER (/TAUTOGOLABRUS ADSPERSUS/). *Bull. Environ. Contam. Toxicol.* 18 (4): 401-408. Oct. 1977. SFA 23(1)

71-010830 Grande, M. and Andersen, S. VIRKNING AV KADMIUM PA LAKSEFISK. [THE EFFECT OF CADMIUM ON ATLANTIC SALMON (/SALMO SALAR/ L.).] *Nor. Inst. Vannforsk.* 1978: 21-26. 1979. In Norwegian with English summ. SFA 24(4)

71-010831 Granett, J.; Morang, S. and Hatch, R. REDUCED MOVEMENT OF PRECOCIOUS MALE ATLANTIC SALMON PARR INTO SUBLETHAL DIMILIN-G1 AND CARRIER CONCENTRATIONS. *Bull. Environ. Contam. Toxicol.* 19 (4): 462-464. Apr. 1978. SFA 23(3)

71-010832 Grant, B. F. ENDRIN TOXICITY AND DISTRIBUTION IN FRESHWATER: A REVIEW. *Bull. Environ. Contam. Toxicol.* 15 (3): 283-290. Mar. 1976. SFA 21(4)

71-010833 Graves, W. C.; D. T. Burton, L. B. Richardson and S. L. Margrey. SURVIVAL OF SHEEPSHEAD MINNOW (*CYPRINODON VARIEGATUS*) EMBRYOS, FRY, JUVENILES AND ADULTS EXPOSED TO TREATED BLEACHED KRAFT MILL EFFLUENT AT VARIOUS DISSOLVED OXYGEN LEVELS. *ABS (Assoc. Southeast. Biol.) Bull.* 27(2):37. Apr. 1980. SFA 25(3) .

71-010834 Gregg, B. C. and Heath, A. G. A METHOD FOR INTERMITTENT CHLORINE DOSING IN CONTINUOUS-FLOW TOXICITY TESTS. *Bull. Environ. Contam. Toxicol.* 13 (5): 588-592. May 1975. SFA 21(4)

71-010835 Gregg, B. C. THE EFFECTS OF CHLORINE AND HEAT ON SELECTED STREAM INVERTEBRATES. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 322p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 21(1).

71-010836 Griffin, J. M. and West, J. L. ACUTE TOXICITY OF AMMONIA-BASE NEUTRAL SULFITE PULP MILL WASTE LIQUOR TO RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 15 (5): 608-612. May 1976. SFA 21(4)

71-010837 Griffith, R. W.; Pang, P. K. T. and Benedetto, L. A. UREA TOLERANCE IN THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Comp. Biochem. Physiol. A Comp. Physiol.* 62 (2): 327-330. 1979. SFA 24(2)

71-010838 Grizzle, J. M. HEMATOLOGICAL CHANGES IN FINGERLING CHANNEL CATFISH EXPOSED TO MALACHITE GREEN. *Prog. Fish-Cult.* 39 (2): 90-93. Apr. 1977. SFA 22(3)

71-010839 Groderius, S. J. and Smith, L. L., Jr. EFFECT OF HYDROGEN SULFIDE ON FISH AND INVERTEBRATES PART II-HYDROGEN SULFIDE DETERMINATION AND RELATIONSHIP BETWEEN PH AND SULFIDE TOXICITY. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-062b. ix + 109p. July 1976. SFA 21(3).

71-010840 Gruber, D.; Cairns, J., Jr.; Dickson, K. L.; Hummel, R. III; Maciorowski, A. and van der Schalie, W. H. AN INEXPENSIVE, NOISE-IMMUNE AMPLIFIER DESIGNED FOR COMPUTER MONITORING OF VENTILATORY MOVEMENTS OF FISH AND OTHER BIOLOGICAL EVENTS. *Trans. Am. Fish. Soc.* 106 (5): 497-499. Sept. 1977. SFA 23(1)

71-010841 Gruger, E. H., Jr.; Hruby, T. and Karrick, N. L. SUBLETHAL EFFECTS OF STRUCTURALLY RELATED TETRACHLORO-, PENTACHLORO-, AND HEXACHLOROBIPHENYL ON JUVENILE COHO SALMON. *Environ. Sci. Technol.* 10 (10): 1033-1037. Oct. 1976. SFA 22(1)

71-010842 Guarino, A. M.; James, M. O. and Bend, J. R. FATE AND DISTRIBUTION OF THE HERBICIDES 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) AND 2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T) IN THE DOGFISH SHARK. *Xenobiotica* 7 (10): 623-631. Oct. 1977.

71-010843 Guiney, P. D.; J. J. Lech and R. E. Peterson. DISTRIBUTION AND ELIMINATION OF A POLYCHLORINATED BIPHENYL DURING EARLY LIFE STAGES OF RAINBOW TROUT (*SALMO GAIRDNERI*). *Toxicol. Appl. Pharmacol.* 53(3):521-529. May 1980. SFA 25(3)

71-010844 Guiney, P. D.; Dickins, M. and Peterson, R. E. EFFECT OF COBALTOUS CHLORIDE TREATMENT ON 2-METHLYNAPHTHALENE DISPOSITION AND HEPATIC CYTOCHROME P-450 CONTENT IN CARP. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A170. 30 Mar. 1979. Abstract only. SFA 24(3)

71-010845 Guiney, P. D.; Melancon, M. J., Jr.; Lech, J. J. and Peterson, R. E. EFFECTS OF EGG AND SPERM MATURATION AND SPAWNING ON THE DISTRIBUTION AND ELIMINATION OF A POLYCHLORINATED BIPHENYL IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Toxicol. Appl. Pharmacol.* 47 (2): 261-272. Feb. 1979. SFA 24(3)

71-010846 Guiney, P. D.; Peterson, R. E.; Melancon, M. J., Jr. and Lech, J. J. THE DISTRIBUTION AND ELIMINATION OF 2,5,2',5'-[^{14}C]TETRACHLOROBIPHENYL IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Toxicol. Appl. Pharmacol.* 39(2):329-338. Feb. 1977. SFA 22(3)

71-010847 Gullans, S. R.; Block, R. M.; Rhoderick, J. C.; Burton, D. T. and Liden, L. H. EFFECTS OF CONTINUOUS CHLORINATION ON WHITE PERCH (/MORONE AMERICANA/) AND ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/) AT TWO TEMPERATURES. *ASB (Assoc. Southeast. Biol.) Bull.* 24: 55. 1977. SFA 22(4)

71-010848 Gutenmann, W. H. and Lisk, D. J. FLAME RETARDANT RELEASE FROM FABRICS DURING LAUNDERING AND THEIR TOXICITY TO FISH. *Bull. Environ. Contam. Toxicol.* 14 (1): 61-64. July 1975. SFA 21(4)

71-010849 Guthrie, R. K. and Cherry, D. S. TROPHIC LEVEL ACCUMULATION OF HEAVY METALS IN A COAL ASH BASIN DRAINAGE SYSTEM. *Water Resour. Bull.* 15 (1): 244-248. Feb. 1979. SFA 24(2)

71-010850 Haagsma, J. SENSITIVITY OF EELS (/ANGUILLA ANGUILLA/) AND CARP (/CYPRINUS CARPIO/) TO TYPE C AND E BOTULINUM TOXIN. *Zbl. Bakt. Hyp., I. Abt. Orig. A* 230:59-66. 1975. In English with German summ. SFA 21(1).

71-010851 Hacking, M. A.; Budd, J. and Hodson, K. THE ULTRASTRUCTURE OF THE LIVER OF THE RAINBOW TROUT: NORMAL STRUCTURE AND MODIFICATIONS AFTER CHRONIC ADMINISTRATION OF A POLYCHLORINATED BIPHENYL AROCLOR 1254. *Can. J. Zool.* 56 (3): 477-491. Mar. 1978. In English with French summ. SFA 23(3)

71-010852 Haider, G. HISTOPATHOLOGISCHE VERÄNDERUNGEN AM SEITENLINIENSYSTEM DER REGENBOGENFORELLE (*SALMO GAIRDNERI* RICH.) NACH SUBLETALER SCHWERMETALLVERGIFTUNG. [HISTOPHATOLOGICAL EFFECTS OF SUBLETHAL POISONING BY HEAVY METALS UPON THE LATERAL LINE SYSTEM IN RAINBOW TROUT (*SALMO GAIRDNERI* RICH.)] *Zool. Anz.* 203(5/6):378-391. 1979. In German with English summ. SFA 25(2)

71-010853 Hale, J. G. TOXICITY OF METAL MINING WASTES. *Bull. Environ. Contam. Toxicol.* 17 (1): 66-73. Jan. 1977. SFA 22(3)

71-010854 Hallas, T. E. ON THE ACCUMULATION AND METABOLIZATION OF PENTACHLOROPHENOL IN FISH. *Medd. Dan. Fisk.- Havunders.* 7: 75-84. 1973. SFA 24(2)

71-010855 Halter, M. T.; W. J. Adams and H. E. Johnson. SELENIUM TOXICITY TO *DAPHNIA MAGNA*, *HYALLELA AZTECA*, AND THE FATHEAD MINNOW IN HARD WATER. *Bull. Environ. Contam. Toxicol.* 24(1):102-107. Jan. 1980. SFA 25(2)

71-010856 Hamburger, B.; Haberling, H. and Hitz, H. R. VERGLEICHENDE PRUEFUNGEN DER FISCHTOXIZITAETEN AN ELRITZEN, FORELLEN UND GOLDORFEN. [COMPARATIVE TESTS ON TOXICITY TO FISH USING MINNOWS, TROUT AND GOLDEN ORFE.] *Arch. Fischereiwiss.* 28 (1): 45-55. July 1977. In German with English summ. SFA 23(1)

71-010857 Hamdy, M. K. and Prabhu, N. V. BEHAVIOR OF MERCURY IN BIOSYSTEMS. II. DEPURATION OF $^{203}\mathrm{HG}^{2+}$ IN VARIOUS TROPHIC LEVELS. *Bull. Environ. Contam. Toxicol.* 19(3):365-373. Mar. 1978. SFA 23(3)

71-010858 Hamelink, J. L. and Waybrant, R. C. DDE AND LINDANE IN A LARGE-SCALE MODEL LENTIC ECOSYSTEM. *Trans. Am. Fish. Soc.* 105(1):124-134. Jan. 1976. SFA 21(1).

71-010859 Han, J. C-Y. RESIDUE STUDIES WITH (^{14}C) FOSAMINE AMMONIUM IN CHANNEL CATFISH. *J. Toxicol. Environ. Health* 5(5):957-963. Sept. 1979. SFA 25(1)

71-010860 Hansen, C. R., Jr. and Kawatski, J. A. APPLICATION OF 24-HOUR POSTEXPOSURE OBSERVATION TO ACUTE TOXICITY STUDIES WITH INVERTEBRATES. *J. Fish. Res. Board Can.* 33 (5): 1198-1201. May 1976. In English with French summ. SFA 21(2).

71-010861 Hansen, D. J.; Schimmel, S. C. and Forester, J. ENDRIN: EFFECTS ON THE ENTIRE LIFE CYCLE OF A SALTWATER FISH, /CYPRINODON VARIEGATUS/. *J. Toxicol. Environ. Health* 3 (4): 721-733. Nov. 1977. SFA 23(2)

71-010862 Hansen, D. J.; Goodman, L. R. and Wilson, A. J., Jr. KEPONE: CHRONIC EFFECTS ON EMBRYO, FRY, JUVENILE, AND ADULT SHEEPSHEAD MINNOWS (/CYPRINODON VARIEGATUS/). *Chesapeake Sci.* 18 (2): 227-232. June 1977. SFA 22(3)

71-010863 Hansen, L. G.; Wiekhorst, W. B. and Simon, J. EFFECTS OF DIETARY AROCLOR 1242 ON CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) AND THE SELECTIVE ACCUMULATION OF PCB COMPONENTS. *J. Fish. Res. Board Can.* 33(6):1343-1352. June 1976. In English with French summ. SFA 21(2).

71-010864 Hara, T. J. and Thompson, B. E. THE REACTION OF WHITEFISH, /COREGONUS CLUPEAFORMIS/, TO THE ANIONIC DETERGENT SODIUM LAURYL SULPHATE AND ITS EFFECTS ON THEIR OLFACTORY REPSONSES. *Water Res.* 12(10):893-897. 1978. SFA 24(1)

71-010865 Hara, T. J.; Law, Y. M. C. and MacDonald, S. EFFECTS OF MERCURY AND COPPER ON THE OLFACTORY RESPONSE IN RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 33(7):1568-1573. July 1976. In English with French summ. SFA 21(3).

71-010866 Hargis, J. R. VENTILATION AND METABOLIC RATE OF YOUNG RAINBOW TROUT (/SALMO GAIRDNERI/) EXPOSED TO SUBLETHAL ENVIRONMENTAL PH. *J. Exp. Zool.* 196 (1): 39-44. Apr. 1976. SFA 22(2)

71-010867 Hartman, A. M. MERCURY FEEDING SCHEDULES: EFFECTS ON ACCUMULATION, RETENTION, AND BEHAVIOR IN TROUT. *Trans. Am. Fish. Soc.* 107 (2): 369-375. Mar. 1978. SFA 23(3)

71-010868 Hashimoto, K.; Sasaki, Y.; Ohara, Y. and Matsuzawa, T. ABSORPTION, DISTRIBUTION AND EXCRETION OF 2-MERCAPTOBENZOTHIAZOLE IN CARP. *Bull. Jpn. Soc. Sci. Fish.* 44 (6): 623-629. June 1978. SFA 23(4)

71-010869 Hattingh, J. THE EFFECT OF TRICAINE METHANESULPHONATE (MS-222) ON THE MICROHAEMATOCRIT OF FISH BLOOD. *J. Fish Biol.* 10 (5): 453-455. May 1977. SFA 22(3)

71-010870 Hattula, M. L.; Reunanen, H.; Wasenius, V.-M.; Krees, R. and Arstila, A. U. TOXICITY OF 4-CHLORO-O-CRESOL TO FISH. LIGHT MICROSCOPY AND CHEMICAL ANALYSIS OF THE TISSUE. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 508-511. July 1979. SFA 24(4)

71-010871 Hattula, M. L.; Reunanen, H. and Arstila, A. U. THE TOXICITY OF MCPA TO FISH. LIGHT AND ELECTRON MICROSCOPY AND THE CHEMICAL ANALYSIS OF THE TISSUE. *Bull. Environ. Contam. Toxicol.* 19 (4): 465-470. Apr. 1978. SFA 23(3)

71-010872 Hawkes, C. L. and Norris, L. A. CHRONIC ORAL TOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-/P/-DIOXIN (TCDD) TO RAINBOW TROUT. *Trans. Am. Fish. Soc.* 106(6):641-645. Nov. 1977. SFA 23(2)

71-010873 Hawkins, W. E.; L. G. Tate and T. G. Sarphie. ACUTE EFFECTS OF CADMIUM ON THE SPOT *LEIOSTOMUS XANTHURUS* (TELEOSTEI): TISSUE DISTRIBUTION AND RENAL ULTRASTRUCTURE. *J. Toxicol. Environ. Health* 6(2):283-295. Mar. 1980. SFA 25(3)

71-010874 Hawryshyn, C. W. and Mackay, W. C. TOXICITY AND TISSUE UPTAKE OF METHYLMERCURY ADMINISTERED INTRAPERITONEALLY TO RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Bull. Environ. Contam. Toxicol.* 23(1/):79-86. Sept. 1979. SFA 25(1)

71-010875 Hazel, R. H. THE DEVELOPMENT OF WATER QUALITY CRITERIA FOR AMMONIA AND TOTAL RESIDUAL CHLORINE FOR THE PROTECTION OF AQUATIC LIFE IN TWO JOHNSON COUNTY, KANSAS STREAMS. *Ph.D. dissertation, Univ. Kans.* 199p. 1979. From Diss. Abstr. Int. B Sci. Eng. 41(1):117. July 1980. SFA 25(4)

71-010876 Heath, A. G. TOXICITY OF INTERMITTENT CHLORINATION TO FRESHWATER FISH: INFLUENCE OF TEMPERATURE AND CHLORINE FORM. *Hydrobiologia* 56 (1): 39-47. 29 Sept. 1977. SFA 23(2)

71-010877 Hedtke, J. L. and L. A. Norris. EFFECT OF AMMONIUM CHLORIDE ON PREDATORY CONSUMPTION RATES OF BROOK TROUT (*SALVELINUS FONTINLIS*) ON JUVENILE CHINOOK SALMON (*ONCORHYNCHUS TSHAWYTSCHA*) IN LABORATORY STREAMS. *Bull. Environ. Contam. Toxicol.* 24(1):81-89. Jan. 1980. SFA 25(2)

71-010878 Hedtke, S. F. and F. A. Puglisi. EFFECTS OF WASTE OIL ON THE SURVIVAL AND REPRODUCTION OF THE AMERICAN FLAGFISH, *JORDANELLA FLORIDAE*. *Can. J. Fish. Aquatic Sci.* 37(5):757-764. May 1980. SFA 25(3)

71-010879 Heisinger, J. F.; Hansen, C. D. and Kim, J. H. EFFECT OF SELENIUM DIOXIDE ON THE ACCUMULATION AND ACUTE TOXICITY OF MERCURIC CHLORIDE IN GOLDFISH. *Arch. Environ. Contam. Toxicol.* 8 (3): 279-283. 1979. SFA 24(3)

71-010880 Heisinger, J. F. and Green, W. MERCURIC CHLORIDE UPTAKE BY EGGS OF THE RICEFISH AND RESULTING TERATOGENIC EFFECTS. *Bull. Environ. Contam. Toxicol.* 14 (6): 665-673. Dec. 1975. SFA 21(4)

71-010881 Helder, T. EFFECTS OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN (TCDD) ON EARLY LIFE STAGES OF THE PIKE (*ESOX LUCIUS* L.). *Sci. Total Environ.* 14(3):255-264. Apr. 1980. SFA 25(3)

71-010882 Helfrich, L. A. EFFECTS OF ROTENONE ON MACROBENTHIC INVERTEBRATES OF A PENNSYLVANIA STREAM. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:401-408. 1978[1979]. SFA 25(2)

71-010883 Helmy, M. M.; Lemke, A. E.; Jacob, P. G. and Oostdam, B. L. EFFECTS OF SOME TRACE ELEMENTS ON THE BLOOD OF KUWAIT MULLETS, /LIZA MACROLEPIS/ (SMITH). *J. Exp. Mar. Biol. Ecol.* 34 (2): 151-161. Sept. 1978. SFA 24(1)

71-010884 Hemmer, M. J. A PRESSURIZED PROPORTIONAL DILUTER FOR AQUATIC TOXICOLOGICAL STUDIES. *Water Res.* 14(3):243-246. 1980. SFA 25(2)

71-010885 Hendricks, J. D.; R. O. Sinnhuber; P. M. Loveland; N. E. Pawlowski and J. E. Nixon. HEPATOCARCINOGENICITY OF GLANDLESS COTTONSEEDS AND COTTONSEED OIL TO RAINBOW TROUT (*SALMO GAIRDNERI*). *Science* 208(4441):309-311. 18 Apr. 1980. SFA 25(2)

71-010886 Hendricks, J. D.; Putnam, T. P. and Sinnhuber, R. O. EFFECT OF DIETARY DIELDRIN ON AFLATOXIN B(1) CARCINOGENESIS IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Environ. Pathol. Toxicol.* 2 (3): 719-728. Jan.-Feb. 1979. SFA 24(2)

71-010887 Henry, M. G. and Atchison, G. J. INFLUENCE OF SOCIAL RANK ON THE BEHAVIOUR OF BLUEGILL, /LEPOMIS MACROCHIRUS/ RAFINESQUE EXPOSED TO SUBLETHAL CONCENTRATIONS OF CADMIUM AND ZINC. *J. Fish Biol.* 15(3):309-315. Sept. 1979. SFA 25(1)

71-010888 Hermanutz, R. O. ENDRIN AND MALATHION TOXICITY TO FLAGFISH (/JORDANELLA FLORIDAE/). *Arch. Environ. Contam. Toxicol.* 7 (2): 159-168. 1978. SFA 23(3)

71-010889 Hershberger, W. K.; Bonham, K. and Donaldson, L. R. CHRONIC EXPOSURE OF CHINOOK SALMON EGGS AND ALEVINS TO GAMMA IRRADIATION: EFFECTS ON THEIR RETURN TO FRESHWATER AS ADULTS. *Trans. Am. Fish. Soc.* 107 (4): 622-631. July 1978. SFA 24(1)

71-010890 Herzberg, A.; A. Gelman and A. S. Perry. THE LOCATION OF LINDANE (GAMMA-HEXACHLOROCYCLOHEXANE) IN FISH AFTER DELIBERATE POISONING. *Bamidgeh* 32(1):16-19. Mar. 1980. SFA 25(3)

71-010891 Hewett, C. J. and Jefferies, D. F. THE ACCUMULATION OF RADIOACTIVE CAESIUM FROM WATER BY THE BROWN TROUT (/SALMO TRUTTA/) AND ITS COMPARISON WITH PLAICE AND RAYS. *J. Fish Biol.* 9 (6): 479-489. Dec. 1976. SFA 22(2)

71-010892 Hill, D. W.; Hejtmancik, E. and Camp, B. J. INDUCTION OF HEPATIC MICROSOMAL ENZYMES BY AROCLOR 1254 IN /ICTALURUS PUNCTATUS/ (CHANNEL CATFISH). *Bull. Environ. Contam. Toxicol.* 16 (4): 495-502. Oct. 1976. SFA 21(4)

71-010893 Hill, M. W.; J. Hoyland and A. D. Bangham. EFFECTS OF TEMPERATURE AND N-BUTANOL (A MODEL ANAESTHETIC) ON A BEHAIVOURAL FUNCTION OF GOLDFISH. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 135(4):327-332. Feb. 1980. SFA 25(2)

71-010894 Hillaby, B. A. and Randall, D. J. ACUTE AMMONIA TOXICITY AND AMMONIA EXCRETION IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (6): 621-629. June 1979. In English with French summ. SFA 24(4)

71-010895 Hinton, M. J. and A. G. Eversole. TOXICITY OF TEN COMMONLY USED CHEMICALS TO AMERICAN EELS. *Proc. Annu. Conf. Southeast. Assoc. Fish. Wildl. Agencies* 32:599-604. 1978[1979]. SFA 25(2)

71-010896 Hinton, M. J. and Loyacano, H. A., Jr. EFFICACY OF QUINALDINE AND MS-222 ON AMERICAN EEL. *Proc. Annu. Meeting World Maricult. Soc.* 9: 647-652. 1978. SFA 24(3)

71-010897 Hinz, R. and Matsumura, F. COMPARATIVE METABOLISM OF PCB ISOMERS BY THREE SPECIES OF FISH AND THE RAT. *Bull. Environ. Contam. Toxicol.* 18 (5): 631-639. Nov. 1977. SFA 23(1)

71-010898 Hiraoka, Y.; Nakagawa, H. and Murachi, S. BLOOD PROPERTIES OF RAINBOW TROUT IN ACUTE HEPATOTOXITY BY CARBON TETRACHLORIDE. *Bull. Jpn. Soc. Sci. Fish.* 45 (4): 527-532. Apr. 1979. SFA 24(4)

71-010899 Hodgson, D. W.; Kantor, E. J. and Mann, J. B. ANALYTICAL METHODOLOGY FOR THE DETERMINATION OF KEPONE RESIDUES IN FISH, SHELLFISH, AND H-VOL AIR FILTERS. *Arch. Environ. Contam. Toxicol.* 7 (1): 99-112. 1978. SFA 23(3)

71-010900 Hodson, P. V. METERING DEVICE FOR TOXICANTS USED IN BIOASSAYS WITH AQUATIC ORGANISMS. *Prog. Fish-Cult.* 41(3):129-131. July 1979. SFA 25(1)

71-010901 Hodson, P. V. DELTA-AMINO LEVULINIC ACID DEHYDRATASE ACTIVITY OF FISH BLOOD AS AN INDICATOR OF A HARMFUL EXPOSURE TO LEAD. *J. Fish. Res. Board Can.* 33(2):268-271. Feb. 1976. In English with French summ. SFA 21(1).

71-010902 Hodson, P. V. TEMPERATURE EFFECTS ON LACTATE-GLYCOGEN METABOLISM IN ZINC-INTOXICATED RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (6): 1393-1397. June 1976. In English with French summ. SFA 21(2).

71-010903 Hodson, P. V.; D. J. Spry and B. R. Blunt. EFFECTS ON RAINBOW TROUT (*SALMO GAIRDNERI*) OF A CHRONIC EXPOSURE TO WATERBORNE SELENIUM. *Can. J. Fish. Aquatic Sci.* 37(2):233-240. Feb. 1980. In English with French summ. SFA 25(3)

71-010904 Hodson, P. V.; J. W. Hilton; B. R. Blunt and S. J. Slinger. EFFECTS OF DIETARY ASCORBIC ACID ON CHRONIC LEAD TOXICITY TO YOUNG RAINBOW TROUT (*SALMO GAIRDNERI*). *Can. J. Fish. Aquatic Sci.* 37(2):170-176. Feb. 1980. In English with French summ. SFA 25(3)

71-010905 Hodson, P. V.; Blunt, B. R. and Spry, D. J. PH-INDUCED CHANGES IN BLOOD LEAD OF LEAD-EXPOSED RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35(4):437-445. Apr. 1978. In English with French summ. SFA 23(3)

71-010906 Hodson, P. V.; Blunt, B. R. and Spry, D. J. CHRONIC TOXICITY OF WATER-BORNE AND DIETARY LEAD TO RAINBOW TROUT (/SALMO GAIRDNERI/) IN LAKE ONTARIO WATER. *Water Res.* 12 (10): 869-878. 1978. SFA 24(1)

71-010907 Hodson, P. V.; Blunt, B. R.; Jensen, D. and Morgan, S. EFFECT OF FISH AGE ON PREDICTED AND OBSERVED CHRONIC TOXICITY OF LEAD TO RAINBOW TROUT IN LAKE ONTARIO WATER. *J. Great Lakes Res.* 5 (1): 84-89. 1979. SFA 24(4)

71-010908 Hodson, P. V.; Blunt, B. R.; Spry, D. J. and Austen, K. EVALUATION OF ERYTHROCYTE DELTA-AMINO LEVULINIC ACID DEHYDRATASE ACTIVITY AS A SHORT-TERM INDICATOR IN FISH OF A HARMFUL EXPOSURE TO LEAD. *J. Fish. Res. Board Can.* 34 (4): 501-508. Apr. 1977. In English with French summ. SFA 22(3)

71-010909 Hoehn, R. C. and Sizemore, D. R. ACID MINE DRAINAGE (AMD) AND ITS IMPACT ON A SMALL VIRGINIA STREAM. *Water Resour. Bull.* 13 (1): 153-160. Feb. 1977. SFA 22(3)

71-010910 Hoke, R. A. and B. L. Prater. THE RELATIONSHIP OF % MORTALITY OF FOUR SPECIES OF AQUATIC BIOTA FROM 96-HOUR SEDIMENT BIOASSAYS OF FIVE LAKE MICHIGAN HARBORS AND ELUTRIATE CHEMISTRY OF THE SEDIMENTS. *Ohio J. Sci.* 80:95. 1980. Abstract only. SFA 25(2)

71-010911 Hoke, R. A. and B. L. Prater. RELATIONSHIP OF PER CENT MORTALITY OF FOUR SPECIES OF AQUATIC BIOTA FROM 96-HOUR SEDIMENT BIOASSAYS OF FIVE LAKE MICHIGAN HARBORS AND ELUTRIATE CHEMISTRY OF THE SEDIMENTS. *Bull. Environ. Contam. Toxicol.* 25(3):394-399. Sept. 1980. SFA 25(4)

71-010912 Holcombe, G. W. and Andrew, R. W. THE ACUTE TOXICITY OF ZINC TO RAINBOW AND BROOK TROUT. COMPARISONS IN HARD AND SOFT WATER. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-094. vii + 17p. Oct. 1978. SFA 24(4)

71-010913 Holcombe, G. W.; Benoit, D. A. and Leonard, E. N. LONG-TERM EFFECTS OF ZINC EXPOSURES ON BROOK TROUT (/SALVELINUS FONTINALIS/). *Trans. Am. Fish. Soc.* 108 (1): 76-87. Jan. 1979. SFA 24(3)

71-010914 Holcombe, G. W.; Benoit, D. A.; Leonard, E. N. and McKim, J. M. LONG-TERM EFFECTS OF LEAD EXPOSURE ON THREE GENERATIONS OF BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 33 (8): 1731-1741. Aug. 1976. In English with French summ. SFA 21(3).

71-010915 Hollister, T. A.; G. S. Ward and P. R. Parrish. ACUTE TOXICITY OF A #6 FUEL OIL TO MARINE ORGANISMS. *Bull. Environ. Contam. Toxicol.* 24(5):656-661. May 1980. SFA 25(3)

71-010916 Holman, W. F. and K. J. Macek. AN AQUATIC SAFETY ASSESSMENT OF LINEAR ALKYLBENZENE SULFONATE (LAS): CHRONIC EFFECTS ON FATHEAD MINNOWS. *Trans. Am. Fish. Soc.* 109(1):122-131. Jan. 1980. SFA 25(2)

71-010917 Horning, W. B. and Neiheisel, T. W. CHRONIC EFFECT OF COPPER ON THE BLUNTNOSE MINNOW, /PIMEPHALES NOTATUS/ (RAFINESQUE). *Arch. Environ. Contam. Toxicol.* 8 (5): 545-552. 1979. SFA 24(4)

71-010918 Houston, A. H.; Corlett, J. T. and Woods, R. J. SPECIMEN WEIGHT AND M.S. 222. *J. Fish. Res. Board Can.* 33 (6): 1403-1407. June 1976. In English with French summ. SFA 21(2).

71-010919 Howarth, R. S. and Sprague, J. B. COPPER LETHALITY TO RAINBOW TROUT IN WATERS OF VARIOUS HARDNESS AND PH. *Water Res.* 12 (7): 455-462. 1978. SFA 23(4)

71-010920 Huckabee, J. W.; Janzen, S. A.; Blaylock, B. G.; Talmi, Y. and Beauchamp, J. J. METHYLATED MERCURY IN BROOK TROUT (/SALVELINUS FONTINALIS/): ABSENCE OF AN IN VIVO METHYLATING PROCESS. *Trans. Am. Fish. Soc.* 107 (6): 848-852. Nov. 1978. SFA 24(2)

71-010921 Hughes, G. M. and Flos, R. ZINC CONTENT OF THE GILLS OF RAINBOW TROUT (/S. GAIRDNERI/) AFTER TREATMENT WITH ZINC SOLUTIONS UNDER NORMOXIC AND HYPOXIC CONDITIONS. *J. Fish Biol.* 13 (6): 717-728. Dec. 1978. SFA 24(2)

71-010922 Hughes, G. M.; Perry, S. F. and Brown, V. M. A MORPHOMETRIC STUDY OF EFFECTS OF NICKEL, CHROMIUM AND CADMIUM ON THE SECONDARY LAMELLAE OF RAINBOW TROUT GILLS. *Water Res.* 13 (7): 665-679. 1979. SFA 24(4)

71-010923 Huner, J. V. A DIURNAL CHANGE IN THE SUSCEPTIBILITY OF THE MOSQUITOFISH, /GAMBUSIA AFFINIS/, TO THE INSECTICIDE ENDRIN. *Proc. La. Acad. Sci.* 40: 47-49. 1977. SFA 23(2)

71-010924 Hutchins, F. E. TOXICITY OF PULP AND PAPER MILL EFFLUENT. A LITERATURE REVIEW. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-013. vi + 44p. Feb. 1979. SFA 24(4)

71-010925 Ilan, Z. and Z. Yaron. EFFECTS OF ORGANOCHLORINES ON INTERRENAL ACTIVITY AND CORTISOL METABOLISM IN *TILAPIA AUREA*. *Gen. Comp. Endocrinol.* 40(3):345. Mar. 1980. Abstract only. SFA 25(2)

71-010926 Ishak, M. M.; Khalil, S. R. and Abdelmalik, W. E. Y. DISTRIBUTION AND TISSUE RETENTION OF CESIUM-134 AND COBALT-60 IN THE NILE CATFISH /CLARIAS LAZERA/ (CUV. & VAL.). *Hydrobiologia* 54(1):41-48. 17 May 1977. SFA 22(4)

71-010927 Ishikawa, M.; Nishide, E. and Nisizawa, K. [EFFECTS OF PCP AND APT ON SEVERAL HYDROLASE ACTIVITIES OF THE HEPATOPANCREAS OF RAISING CARP.] *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1433-1440. Dec. 1977. In Japanese with English summ. SFA 23(2)

71-010928 Itazawa, Y. and Koyama, J. [EFFECTS OF ORAL ADMINISTRATION OF CADMIUM ON FISH--III. COMPARISON OF THE EFFECTS ON THE PORGY AND THE CARP.] *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 891-895. Aug. 1978. SFA 24(1)

71-010929 Ito, Y. and T. Murata. [CHANGES IN GLUCOSE, PROTEIN CONTENTS AND ENZYME ACTIVITIES OF SERUM IN CARP ADMINISTERED ORALLY WITH PCB.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):465-468. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-010930 Ito, Y.; K. Nishimura and T. Murata. [EFFECTS OF PCB ON LYSOSOMES IN THE HEPATOPANCREAS OF CARP.] *Bull. Jpn. Soc. Sci. Fish.* 46(4):469-472. Apr. 1980. In Japanese with English summ. SFA 25(4)

71-010931 Iwama, G. K. and Greer, G. L. TOXICITY OF SODIUM PENTACHLOROPHENATE TO JUVENILE CHINOOK SALMON UNDER CONDITIONS OF HIGH LOADING DENSITY AND CONTINUOUS-FLOW EXPOSURE. *Bull. Environ. Contam. Toxicol.* 23(4/5):711-716. Nov. 1979. SFA 25(1)

71-010932 Iwama, G. K. and G. L. Greer. EFFECT OF A BACTERIAL INFECTION ON THE TOXICITY OF SODIUM PENTACHLOROPHENATE TO JUVENILE COHO SALMON. *Trans. Am. Fish. Soc.* 109(3):290-292. May 1980. SFA 25(4)

71-010933 Iwama, G. K. and Greer, G. L. TOXICITY OF SODIUM PENTACHLOROPHENATE TO JUVENILE CHINOOK SALMON UNDER CONDITIONS OF HIGH LOADING DENSITY AND CONTINUOUS-FLOW EXPOSURE. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 846. iii + 7p. Nov. 1978. SFA 24(3)

71-010934 Iwama, G. K.; Greer, G. L. and Larkin, P. A. CHANGES IN SOME HEMATOLOGICAL CHARACTERISTICS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) IN RESPONSE TO ACUTE EXPOSURE TO DEHYDROABIETIC ACID (DHAA) AT DIFFERENT EXERCISE LEVELS. *J. Fish. Res. Board Can.* 33(2):285-289. Feb. 1976. In English with French summ. SFA 21(1).

71-010935 Jackson, D. A. and Gardner, D. R. /IN VITRO/ EFFECTS OF DDT ANALOGS ON TROUT BRAIN MG^{2+}-ATPASES. I. SPECIFICITY AND PHYSIOLOGICAL SIGNIFICANCE. *Pestic. Biochem. Physiol.* 8(2):113-122. Apr. 1978. SFA 23(3)

71-010936 Jackson, D. A. and Gardner, D. R. /IN VITRO/ EFFECTS OF DDT ANALOGS ON TROUT BRAIN MG^{2+}-ATPASES. II. INHIBITION KINETICS. *Pestic. Biochem. Physiol.* 8(2):123-128. Apr. 1978. SFA 23(3)

71-010937 Jackson, G. A. BIOLOGIC HALF-LIFE OF ENDRIN IN CHANNEL CATFISH TISSUES. *Bull. Environ. Contam. Toxicol.* 16 (5): 505-507. Nov. 1976. SFA 22(3)

71-010938 Jackson, W. F. and Fromm, P. O. EFFECT OF A DETERGENT ON FLUX OF TRITIATED WATER INTO ISOLATED PERFUSED GILLS OF RAINBOW TROUT. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 58 (2): 167-171. 1977. SFA 23(2)

71-010939 Jacobi, G. Z. CONTAINERS FOR OBSERVING MORTALITY OF BENTHIC MACROINVERTEBRATES DURING ANTIMYCIN TREATMENT OF A STREAM. *Prog. Fish-Cult.* 39 (2): 103-104. Apr. 1977. SFA 22(3)

71-010940 Jacobs, G. UEBER AUFNAHAME UND ANREICHERUNG VON SCHWERMETALLSALZEN (HG, CD) AUS FUTTERMITTELN IN REGENBOGENFORELLEN. I. MITTEILUNG. [ABSORPTION AND RETENTION OF MERCURY AND CADMIUM FROM FISH-FEED BY RAINBOW TROUT.] *J. Anim. Physiol. Anim. Nutr.* 40 (5): 274-284. Aug. 1978. In German with English summ. SFA 24(1)

71-010941 Jacobs, G. UEBER AUFNAHME UND ANREICHERUNG VON SCHWERMETALLSALZEN (HG, CD) AUS FUTTERMITTELN IN REGENBOGENFORELLEN. [ABSORPTION AND RETENTION OF MERCURY AND CADMIUM FROM FISH-FEED BY RAINBOW TROUT.] *J. Anim. Physiol. Anim. Nutr.* 40 (5): 274-284. Aug. 1978. SFA 24(1)

71-010942 Jacobsen, O. J. BROWN TROUT (/SALMO TRUTTA/ L.) GROWTH AT REDUCED PH. *Aquaculture* 11 (1)d 81-84. May 1977. SFA 22(4)

71-010943 James, M. O. and J. R. Bend. POLYCYCLIC AROMATIC HYDROCARBON INDUCTION OF CYTOCHROME *P*-450-DEPENDENT MIXED-FUNCTION OXIDASES IN MARINE FISH. *Toxicol. Appl. Pharmacol.* 54(1):117-133. 15 June 1980. SFA 25(3)

71-010944 Jan, J. and Malnersic, S. DETERMINATION OF PCB AND PCT RESIDUES IN FISH BY TISSUE ACID HYDROLYSIS AND DESTRUCTIVE CLEAN-UP OF THE EXTRACT. *Bull. Environ. Contam. Toxicol.* 19 (6): 772-780. June 1978. SFA 23(4)

71-010945 Jarvinen, A. W.; Hoffman, M. J. and Thorslund, T. W. TOXICITY OF DDT FOOD AND WATER EXPOSURE TO FATHEAD MINNOWS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-114. viii + 68p. Dec. 1976. SFA 23(3)

71-010946 Jarvinen, A. W.; Hoffman, M. J. and Thorslund, T. W. LONG-TERM TOXIC EFFECTS OF DDT FOOD AND WATER EXPOSURE ON FATHEAD MINNOWS (/PIMEPHALES PROMELAS/). *J. Fish. Res. Board Can.* 34 (11): 2089-2103. Nov. 1977. In English with French summ. SFA 23(1)

71-010947 Jarvinen, A. W. and Tyo, R. M. TOXICITY TO FATHEAD MINNOWS OF ENDRIN IN FOOD AND WATER. *Arch. Environ. Contam. Toxicol.* 7 (4): 409-421. 1978. SFA 24(3)

71-010948 Jauch, D. GILL LESIONS IN CICHLID FISHES AFTER INTOXICATION WITH THE INSECTICIDE FENTHION. *Experientia (Basel)* 35 (3): 371-372. 15 Mar. 1979. SFA 24(3)

71-010949 Jay, F. B. and Muncy, R. J. TOXICITY TO CHANNEL CATFISH OF WASTEWATER FROM AN IOWA COAL BENEFICIATION PLANT. *Iowa State J. Res.* 54(1):45-50. Aug. 1979. SFA 25(1)

71-010950 Johansson-Sjobeck, M.-L. and Larsson, A. THE EFFECT OF CADMIUM ON THE HEMATOLOGY AND ON THE ACTIVITY OF DELTA-AMINOLEVULINIC ACID DEHYDRATASE (ALA-D) IN BLOOD AND HEMATOPOIETIC TISSUES OF THE FLOUNDER, /PLEURONECTES FLESUS/ L. *Environ. Res.* 17 (2): 191-204. Oct. 1978. SFA 24(2)

71-010951 Johansson-Sjobeck, M.-L. and Larsson, A. EFFECTS OF INORGANIC LEAD ON DELTA-AMINOLEVULINIC ACID DEHYDRATASE ACTIVITY AND HEMATOLOGICAL VARIABLES IN THE RAINBOW TROUT, /SALMO GAIRDNERII/. *Arch. Environ. Contam. Toxicol.* 8 (4): 419-431. 1979. SFA 24(4)

71-010952 Johansson, N.; Runn, P. and Milbrink, G. EARLY DEVELOPMENT OF THREE SALMONID SPECIES IN ACIDIFIED WATER. *Zoon* 5 (2): 127-132. 1977. SFA 24(2)

71-010953 Johnson, A. G.; Arnold, C. R.; Williams, T. D. and Messinger, J. F. III. LARVAL SPOTTED SEATROUT (/CYNOSCION NEBULOSUS/) A BIOASSAY SUBJECT FOR THE MARINE SUBTROPICS. *Contrib. Mar. Sci.* 22:57-62. Aug. 1979. SFA 25(1)

71-010954 Johnson, A. G.; Williams, T. D. and Arnold, C. R. CHLORINE-INDUCED MORTALITY OF EGGS AND LARVAE OF SPOTTED SEATROUT (/CYNOSCION NEBULOSUS/). *Trans. Am. Fish. Soc.* 106(5):466-469. Sept. 1977. SFA 23(1)

71-010955 Johnson, B. T.; Stalling, D. L.; Hogan, J. W. and Schoettger, R. A. DYNAMICS OF PHTHALIC ACID ESTERS IN AQUATIC ORGANISMS. *IN I. H. Suffet, ed. Fate of Pollutants in Air and Water Environments. Part 2. Wiley Interscience Publishers, New York.* 283-300. 1977. SFA 23(4)

71-010956 Johnson, C. R. THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF FIVE ORGANOPHOSPHORUS INSECTICIDES ON TEMPERATURE TOLERANCE, REFLEXES, AND ORIENTATION IN /GAMBUSIA AFFINIS AFFINIS/ (PISCES: POECILIIDAE). *Zool. J. Linn. Soc.* 64 (1): 63-70. Sept. 1978. SFA 24(2)

71-010957 Johnson, W. W. and Sanders, H. O. CHEMICAL FOREST FIRE RETARDANTS: ACUTE TOXICITY TO FIVE FRESHWATER FISHES AND A SCUD. *U.S. Fish Wildl. Serv. Tech. Pap.* 91: 7p. 1977. SFA 23(1)

71-010958 Jonsson, A.-C. and Nilsson, S. EFFECTS OF PH, TEMPERATURE AND CU^{2+} ON THE ACTIVITY OF DOPAMINE-BETA-HYDROXYLASE FROM THE CHROMAFFIN TISSUE OF THE COD, /GADUS MORHUA/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62(1):5-8. 1979. SFA 24(2)

71-010959 Jozuka, K. and Adachi, H. ENVIRONMENTAL PHYSIOLOGY ON THE PH TOLERANCE OF TELEOST. II. BLOOD PROPERTIES OF MEDAKA, /ORYZIAS LATIPES/, EXPOSED TO LOW PH ENVIRONMENT. *Annot. Zool. Jpn.* 52 (2): 107-113. June 1979. SFA 24(4)

71-010960 Judy, R. D., Jr. and Davies, P. H. EFFECTS OF CALCIUM ADDITION AS CA(NO(3))(2) ON ZINC TOXICITY TO FATHEAD MINNOWS, /PIMEPHALES PROMELAS/, RAFINESQUE. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 88-94. May. 1979. SFA 24(3)

71-010961 Julin, A. M. and Sanders, H. O. TOXICITY AND ACCUMULATION OF THE INSECTICIDE IMIDAN IN FRESHWATER INVERTEBRATES AND FISHES. *Trans. Am. Fish. Soc.* 106 (4): 386-392. July 1977. SFA 22(4)

71-010962 Junqueira, L. C. U. and Salles, L. M. M. EFFECTS OF 6-HYDROXYDOPAMINE AND 5-HYDROXYDOPAMINE ON THE TELEOST MELANOPHORES INNERVATION. *J. Fish Biol.* 13 (4): 415-419. Oct. 1978. SFA 24(1)

71-010963 Kaiser, I. I.; Young, P. A. and Johnson, J. D. CHRONIC EXPOSURE OF TROUT TO WATERS WITH NATURALLY HIGH SELENIUM LEVELS: EFFECTS ON TRANSFER RNA METHYLATION. *J. Fish. Res. Board Can.* 36 (6): 689-694. June 1979. SFA 24(4)

71-010964 Kaiser, K. L. E. CORRELATION AND PREDICTION OF METAL TOXICITY TO AQUATIC BIOTA. *Can. J. Fish. Aquatic Sci.* 37(2):211-218. Feb. 1980. In English with French summ. SFA 25(3)

71-010965 Kamiya, H.; Hatano, M. and Hashimoto, Y. SCREENING OF ICHTHYOOTOXIN. *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1461-1465. Dec. 1977. SFA 23(2)

71-010966 Kamiya, H.; Naka, K. and Hashimoto, K. ICHTHYOTOXICITY OF A FLAGELLATE /UROGLENA VOLVOX/. *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 129. Jan. 1979. SFA 24(3)

71-010967 Kanazawa, J. and Tomizawa, C. INTAKE AND EXCRETION OF 2,4,6-TRICHLOROPHENYL-4'-NITROPHENYL ETHER BY TOPMOUTH GUDGEON, /PSEUDORASBORA PARVA/. *Arch. Environ. Contam. Toxicol.* 7(4):397-407. 1978. SFA 24(3)

71-010968 Kanazawa, J. BIOCONCENTRATION RATIO OF DIAZINON BY FRESHWATER FISH AND SNAIL. *Bull. Environ. Contam. Toxicol.* 20(5):613-617. Nov. 1978. SFA 24(1)

71-010969 Kanazawa, J. UPTAKE AND EXCRETION OF ORGANOPHOSPHORUS AND CARBAMATE INSECTICIDES BY FRESH WATER FISH, MOTSUGO, /PSEUDORASBORA PARVA/. *Bull. Environ. Contam. Toxicol.* 14 (3): 346-352. Sept. 1975. SFA 21(4)

71-010970 Kapur, K.; Kamaldeep, K. and Toor, H. S. THE EFFECT OF FENITROTHION ON REPRODUCTION OF A TELEOST FISH, /CYPRINUS CARPIO COMMUNIS/ LINN: A BIOCHEMICAL STUDY. *Bull. Environ. Contam. Toxicol.* 20 (4): 438-442. Oct. 1978. SFA 24(1)

71-010971 Kariya, T.; Haga, H.; Haga, Y. and Kawasaki, Y. [STUDIES ON THE POST-MORTEM IDENTIFICATION OF THE POLLUTANT IN FISH KILLED BY WATER POLLUTION.--XIII. CADMIUM.] *Bull. Jpn. Soc. Sci. Fish.* 44 (10): 1065-1072. Oct. 1978. In Japanese with English summ. SFA 24(2)

71-010972 Karpovich, T. A. and B. I. Kolupayev. AN ELECTROMYOGRAM OF THE MANDIBULAR ADDUCTOR OF THE INTACT BAIKAL GRAYLING, *THYMALLUS ARCTICUS BAICALENSIS*, IN A PHENOL SOLUTION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):866-869. 1978. SFA 25(2)

71-010973 Kawatsu, H. STUDIES ON THE ANEMIA OF FISH--VIII. HEMORRHAGIC ANEMIA OF CARP CAUSED BY A HERBICIDE, MOLINATE. *Bull. Jpn. Soc. Sci. Fish.* 43(8):905-912. Aug. 1977. SFA 23(1)

71-010974 Kearney, P. C.; Isensee, A. R. and Kontson, A. DISTRIBUTION AND DEGRADATION OF DINITROANILINE HERBICIDES IN AN AQUATIC ECOSYSTEM. *Pestic. Biochem. Physiol.* 7 (3): 242-248. June 1977. SFA 22(3)

71-010975 Keeney, D. R. ENVIRONMENTAL IMPACT OF CADMIUM AND OTHER HEAVY METALS FROM LAND-APPLIED SEWAGE SLUDGE. *Univ. Wis. Water Resour. Cent. Tech. Rep.* Wis WRC 76-03. v + 31p. July 1976. SFA 22(4)

71-010976 Kenaga, E. E. ACUTE AND CHRONIC TOXICITY OF 75 PESTICIDES TO VARIOUS ANIMAL SPECIES. *Down to Earth* 35 (2): 25-31. 1979. SFA 24(3)

71-010977 Kendall, M. W. ACUTE EFFECTS OF METHYL MERCURY TOXICITY IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) KIDNEY. *Bull. Environ. Contam. Toxicol.* 13 (5): 570-578. May 1975. SFA 21(4)

71-010978 Kendall, M. W. ACUTE EFFECTS OF METHYL MERCURY TOXICITY IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) LIVER. *Bull. Environ. Contam. Toxicol.* 18 (2): 143-151. Aug. 1977. SFA 22(4)

71-010979 Kennedy, V. S. ARSENIC CONCENTRATIONS IN SOME COEXISTING MARINE ORGANISMS FROM NEWFOUNDLAND AND LABRADOR. *J. Fish. Res. Board Can.* 33 (6): 1388-1393. June 1976. In English with French summ. SFA 21(2).

71-010980 Khan, H. M.; Neudorf, S. and Kahn, M. A. Q. ABSORPTION AND ELIMINATION OF PHOTODIELDRIN BY /DAPHNIA/ AND GOLDFISH. *Bull. Environ. Contam. Toxicol.* 13(5):582-587. May 1975. SFA 21(4).

71-010981 Khangarot, B. S. and Rajbanshi, V. K. EXPERIMENTAL STUDIES ON TOXICITY OF ZINC TO A FRESHWATER TELEOST, /RASBORA DANICONIUS/ (HAMILTON). *Hydrobiologia* 65(2):141-144. 17 Aug. 1979. SFA 25(1)

71-010982 Khattat, F. H. and Farley, S. ACUTE TOXICITY OF CERTAIN PESTICIDES TO /ACARTIA TONSA/ DANA. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-033. viii + 29p. May 1976. SFA 21(2).

71-010983 Khvoles, A. G. and Korobko, Yu. A. THE EFFECT OF DIMETHYL SULFATE ON THE REPRODUCTIVE SYSTEM OF THE LOACH, /MISGURNUS FOSSILIS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 333-336. 1977. SFA 23(3)

71-010984 Kiceniuk, J. W.; G. L. Fletcher and R. Misra. PHYSIOLOGICAL AND MORPHOLOGICAL CHANGES IN A COLD TORPID MARINE FISH UPON ACUTE EXPOSURE TO PETROLEUM. *Bull. Environ. Contam. Toxicol.* 24(2):313-319. Feb. 1980. SFA 25(2)

71-010985 Kim, J. H.; Birks, E. and Heisinger, J. F. PROTECTIVE ACTION OF SELENIUM AGAINST MERCURY IN NORTHERN CREEK CHUBS. *Bull. Environ. Contam. Toxicol.* 17 (2): 132-136. Feb. 1977. SFA 22(3)

71-010986 Kimball, G. L.; Smith, L. L., Jr. and Broderius, S. J. CHRONIC TOXICITY OF HYDROGEN CYANIDE TO THE BLUEGILL. *Trans. Am. Fish. Soc.* 107 (2): 341-345. Mar. 1978. SFA 23(3)

71-010987 Kincheloe, J. W.; Koch, D. L. and Wedemeyer, G. A. TOLERANCE OF DEVELOPING SALMONID EGGS AND FRY TO NITRATE EXPOSURE. *Bull. Environ. Contam. Toxicol.* 23(4/5):575-578. Nov. 1979. SFA 25(1)

71-010988 Kinkade, M. L. and Erdman, H. E. THE INFLUENCE OF HARDNESS COMPONENTS ($CA^{2}+$ AND $MG^{2}+$) IN WATER ON THE UPTAKE AND CONCENTRATION OF CADMIUM IN A SIMULATED FRESHWATER ECOSYSTEM. *Environ. Res.* 10(2):308-313. Oct. 1975. SFA 22(1)

71-010989 Klaassen, H. E. and Kadoum, A. M. DISTRIBUTION AND RETENTION OF ATRAZINE AND CARBOFURAN IN FARM POND ECOSYSTEMS. *Arch. Environ. Contam. Toxicol.* 8(3):345-353. 1979. SFA 24(3)

71-010990 Klaunig, J. E.; Lipsky, M. M.; Trump, B. F. and Hinton, D. E. BIOCHEMICAL AND ULTRASTRUCTURAL CHANGES IN TELEOST LIVER FOLLOWING SUBACUTE EXPOSURE TO PCB. *J. Environ. Pathol. Toxicol.* 2 (4): 953-963. Mar.-Apr. 1979. SFA 24(3)

71-010991 Klaunig, J.; Koepp, S. and McCormick, M. ACUTE TOXICITY OF A NATIVE MUMMICHOG POPULATION (/FUNDULUS HETEROCLITUS/) TO MERCURY. *Bull. Environ. Contam. Toxicol.* 14 (5): 534-536. Nov. 1975. SFA 21(4)

71-010992 Klaverkamp, J. F.; Lockhart, W. L.; Metner, D. and Grift, N. EFFECTS OF CHRONIC DDT/DDE EXPOSURE ON ANESTHETIC INDUCTION AND RECOVERY TIMES IN RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (6): 1331-1334. June 1976. In English with French summ. SFA 21(2).

71-010993 Kleerekoper, H. EFFECTS OF SUBLETHAL CONCENTRATIONS OF POLLUTANTS ON THE BEHAVIOR OF FISH. *J. Fish. Res. Board Can.* 33 (9): 2036-2039. Sept. 1976. In English with French summ. SFA 21(3).

71-010994 Knauf, W. GERAETE ZUR DURCHFUEHRUNG TOXIKOLOGISCHER LANGZEITSTUDIEN AN WASSERORGANISMEN. [DEVICES FOR TOXICOLOGICAL LONG-TERM STUDIES ON AQUATIC ORGANISMS.] *Arch. Fischereiwiss.* 26 (3): 103-108. Apr. 1975. In German with English summ. SFA 21(4)

71-010995 Knowles, C. O.; H. J. Benezet and F. L. Mayer, Jr. TRIDIAZURON UPTAKE, DISTRIBUTION AND METABOLISM IN BLUEGILLS AND CHANNEL CATFISH. *J. Environ. Sci. Health B Pestic. Food Contam. Agric. Wastes* 15(4):351-364. SFA 25(4)

71-010996 Kobayashi, K. and N. Nakamura. MAJOR DETOXIFICAITON PATHWAYS FOR PENTACHLOROPHENOL IN GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1185-1188. Sept. 1979. SFA 25(2)

71-010997 Kobayashi, K. and T. Kishino. EFFECT OF pH ON THE TOXICITY AND ACCUMULATION OF PENTACHLOROPHENOL IN GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 46(2):167-170. Feb. 1980. SFA 25(3)

71-010998 Kobayashi, K.; Akitake, H. and Manabe, K. RELATION BETWEEN TOXICITY AND ACCUMULATION OF VARIOUS CHLOROPHENOLS IN GOLDFISH. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 173-175. Feb. 1979. SFA 24(3)

71-010999 Kobylinski, G. J. and Livingston, R. J. MOVEMENT OF MIREX FROM SEDIMENT AND UPTAKE BY THE HOGCHOKER, /TRINECTES MACULATUS/. *Bull. Environ. Contam. Toxicol.* 14 (6): 692-698. Dec. 1975. SFA 21(4)

71-011000 Kocan, R. M.; Landolt, M. L. and Sabo, K. M. /IN VITRO/ TOXICITY OF EIGHT MUTAGENS/CARCINOGENS FOR THREE FISH CELL LINES. *Bull. Environ. Contam. Toxicol.* 23(1/2):269-274. Sept. 1979. SFA 25(1)

71-011001 Koeller, P. and Parsons, T. R. THE GROWTH OF YOUNG SALMONIDS (/ONCORHYNCHUS KETA/): CONTROLLED ECOSYSTEM POLLUTION EXPERIMENT. *Bull. Mar. Sci.* 27 (1): 114-118. Jan. 1977. SFA 22(3)

71-011002 Koli, A. K.; Williams, W. R.; McClary, E. B.; Wright, E. L. and Burrell, T. M. MERCURY LEVELS IN FRESHWATER FISH OF THE STATE OF SOUTH CAROLINA. *Bull. Environ. Contam. Toxicol.* 17 (1): 82-89. Jan. 1977. SFA 22(3)

71-011003 Korn, S.; Hirsch, N. and Struhsaker, J. W. UPTAKE, DISTRIBUTION, AND DEPURATION OF ^{14}C-BENZENE IN NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, AND STRIPED BASS, /MORONE SAXATILIS/. *NOAA Fish. Bull.* 74(3):545-551. July 1976. SFA 21(3).

71-011004 Korn, S.; Hirsch, N. and Struhsaker, J. W. THE UPTAKE, DISTRIBUTION, AND DEPURATION OF ^{14}C BENZENE AND ^{14}C TOLUENE IN PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/. *NOAA Fish. Bull.* 75(3):633-636. July 1977. SFA 23(1)

71-011005 Koschier, F. J. and J. B. Pritchard. RENAL HANDLING OF 2,4-D BY THE DOGFISH SHARK (*SQUALUS ACANTHIAS*). *Xenobiotica* 10(1):1-6. Jan. 1980. SFA 25(3)

71-011006 Koundinya, P. R. and R. Ramamurthi. EFFECT OF ORGANOPHOSPHATE PESTICIDE SUMITHION (FENITROTHION) ON SOME ASPECTS OF CARBOHYDRATE METABOLISM IN A FRESHWATER FISH, *SAROTHERODON (TILAPIA) MOSSAMBICUS* (PETERS). *Experientia (Basel)* 35(12):1632-1633. Dec. 1979. SFA 25(2)

71-011007 Koyama, J. and Itazawa, Y. [EFFECTS OF ORAL ADMINISTRATION OF CADMIUM ON FISH--V. EFFECTS ON CALCIUM AND INORGANIC PHOSPHORUS EXCRETION IN THE CARP.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 691-694. June 1979. In Japanese with English summ. SFA 24(4)

71-011008 Koyama, J. and Itazawa, Y. [EFFECTS OF ORAL ADMINISTRATION OF CADMIUM ON FISH--II. RESULTS OF MORPHOLOGICAL EXAMINATION.] *Bull. Jpn. Soc. Sci. Fish.* 43 (5): 527-533. May 1977. SFA 22(4)

71-011009 Koyama, J. and Itazawa, Y. [EFFECTS OF ORAL ADMINISTRATION OF CADMIUM ON FISH--I. ANALYTICAL RESULTS OF THE BLOOD AND BONES.] *Bull. Jpn. Soc. Sci. Fish.* 43 (5): 523-526. May 1977. In Japanese with English summ. SFA 22(4)

71-011010 Koyama, J.; Fujita, M. and Itazawa, Y. [EFFECTS OF ORAL ADMINISTRATION OF CADMIUM ON FISH--IV. EFFECTS ON ULTRASTRUCTURES OF HEPATIC AND RENAL CELLS OF THE CARP AND THE PORGY.] *Bull. Jpn. Soc. Sci. Fish.* 45(4):429-436. Apr. 1979. In Japanese with English summ. SFA 24(4)

71-011011 Kramer, H. J. and Neidhart, B. THE BEHAVIOUR OF MERCURY IN THE SYSTEM WATER--FISH. *Bull. Environ. Contam. Toxicol.* 14 (6): 699-704. Dec. 1975. SFA 21(4)

71-011012 Kreutzmann, H.-L. THE EFFECTS OF CHLORAMPHENICOL AND OXYTETRACYCLINE ON HAEMATOPOIESIS IN THE EUROPEAN EEL (/ANGUILLA ANGUILLA/). *Aquaculture* 10 (4): 323-334. Apr. 1977. SFA 22(4)

71-011013 Kruzynski, G. M. SOME EFFECTS OF DEHYDROABIETIC ACID (DHA) ON HYDROMINERAL BALANCE AND OTHER PHYSIOLOGICAL PARAMETERS IN JUVENILE SOCKEYE SALMON *ONCORHYNCHUS NERKA*. *Ph.D. dissertation, Univ. British Columbia* 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5170. May 1980. SFA 25(3)

71-011014 Krzeminski, S. F.; Gilbert, J. T. and Ritts, J. A. A PHARMACOKINETIC MODEL FOR PREDICTING PESTICIDE RESIDUES IN FISH. *Arch. Environ. Contam. Toxicol.* 5(2):157-166. 1977. SFA 22(3)

71-011015 Kuhnert, P. M.; Kuhnert, B. R. and Stokes, R. M. THE EFFECT OF /IN VIVO/ CHROMIUM EXPOSURE ON NA/K- AND MG-ATPASE ACTIVITY IN SEVERAL TISSUES OF THE RAINBOW TROUT (/SALMO GAIRDNERI/). *Bull. Environ. Contam. Toxicol.* 15 (4): 383-390. Apr. 1976. SFA 21(4)

71-011016 Kulikov, N. V. and Ozhegov, L. N. ACCUMULATION OF ^{90}SR-^{90}Y BY DEVELOPING EGGS AND LARVAE OF WHITEFISH /COREGONUS LAVARETUS/ L. *Sov. J. Ecol. (Engl. Transl. Ekologiya).* 7(2):175-177. Mar.-Apr. 1976. SFA 22(3)

71-011017 Kumada, H.; S. Kimura and M. Yokote. ACCUMULATION AND BIOLOGICAL EFFECTS OF CADMIUM IN RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 46(1):97-103. Jan. 1980. SFA 25(2)

71-011018 Kumagai, H. and Saeki, K. [UTILIZATION OF THE STEAM DISTILLATION PROCEDURE FOR THE DETERMINATION OF METHYL MERCURY IN FISH AND SHELLS BY GAS-LIQUID CHROMATOGRAPHY.] *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 803-805. July 1978. In Japanese with English summ. SFA 24(1)

71-011019 Kumagai, H. and Saeki, K. [STUDIES ON DETERMINATION OF ALKYL MERCURY IN FISH AND SHELLS BY THE STEAM DISTILLATION METHOD.] *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 755-759. June 1977. In Japanese with English summ. SFA 22(4)

71-011020 Kurelec, B.; Matijasevic, Z.; Rijavec, M.; Alacevic, M.; Britvic, S.; Muller, W. E. G. and Zahn, R. K. INDUCTION OF BENZO (A)PYRENE MONOOXYGENASE IN FISH AND THE SALMONELLA TEST AS A TOOL FOR DETECTING MUTAGENIC/CARCINOGENIC ZENOBIOTICS IN THE AQUATIC ENVIRONMENT. *Bull. Environ. Contam. Toxicol.* 21 (6): 799-807. Apr. 1979. SFA 24(3)

71-011021 Kwasnik, J. F. S. EFFECTS OF CADMIUM ON THE PREDATOR-PREY BEHAVIOR OF FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) AND LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) IN A MODEL ECOSYSTEM. *Ph.D. dissertation, Purdue Univ.* 78p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10), Apr. 1978. SFA 23(3)

71-011022 Laarman, P. W.; Willford, W. A. and Olson, J. R. RETENTION OF MERCURY IN THE MUSCLE OF YELLOW PERCH (/PERCA FLAVESCENS/) AND ROCK BASS (/AMBLOPLITES RUPESTRIS/). *Trans. Am. Fish. Soc.* 105 (2): 296-300. Mar. 1976. SFA 21(2).

71-011023 Larson, D. W. ENHANCEMENT OF METHYLMERCURY UPTAKE IN FISH BY LAKE TEMPERATURE, PH, AND DISSOLVED OXYGEN GRADIENTS: HYPOTHESIS. *Northwest Sci.* 51 (2): 131-137. May 1977. SFA 22(3)

71-011024 Larson, G. L.; Hutchins, F. E. and Schlesinger, D. A. ACUTE TOXICITY OF INORGANIC CHLORAMINES TO EARLY LIFE STAGES OF BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish Biol.* 11 (6): 595-598. Dec. 1977. SFA 23(2)

71-011025 Larson, G. L.; Warren, C. E.; Hutchins, F. E.; Lamperti, L. P.; Schlesinger, D. A. and Seim, W. K. TOXICITY OF RESIDUAL CHLORINE COMPOUNDS TO AQUATIC ORGANISMS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-023. xiii + 105p. Mar. 1978. SFA 24(4)

71-011026 Larson, G. L.; Hutchins, F. E. and Lamperti, L. P. LABORATORY DETERMINATION OF ACUTE AND SUBLETHAL TOXICITIES OF INORGANIC CHLORAMINES TO EARLY LIFE STAGES OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Trans. Am. Fish. Soc.* 106 (3): 268-277. May 1977. SFA 22(4)

71-011027 Latey, A. N. and Rangneker, P. V. EFFECTS OF METHALLIBURE ON THE EXTERNAL MORPHOLOGY, BEHAVIOUR AND CHROMATIC PHYSIOLOGY OF THE TELEOST, /TILAPIA MOSSAMBICA/ (PETERS). *Hydrobiologia* 60 (3): 221-227. 8 Sept. 1978. SFA 24(1)

71-011028 Lauver, A. V. and Sellers, C. M., Jr. AN INVESTIGATION OF PLASMA PROTEIN ALTERATION IN RESPONSE TO CHLORINE EXPOSURE OF RAINBOW TROUT (/SALMO GAIRNERI/). *Va. J. Sci.* 28 (2): 64. 1977. Abstract only. SFA 23(2)

71-011029 Leatherland, J. F. and R. A. Sonstegard. EFFECT OF DIETARY MIREX AND PCB'S IN COMBINATION WITH FOOD DEPRIVATION AND TESTOSTERONE ADMINISTRATION ON THYROID ACTIVITY AND BIOACCUMULATION OF ORGANOCHLORINES IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON. *J. Fish Dis.* 3(2):115-124. Mar. 1980. SFA 25(3)

71-011030 Leatherland, J. F. and R. A. Sonstegard. EFFECT OF DIETARY MIREX AND PCB (AROCLOR 1254) ON THYROID ACTIVITY AND LIPID RESERVES IN RAINBOW TROUT *SALMO GAIRDNERI* RICHARDSON. *J. Fish Dis.* 2(1):43-48. Jan. 1979. SFA 25(2)

71-011031 Leatherland, J. F. and Sonstegard, R. A. LOWERING OF SERUM THYROXINE AND TRIIODOTHYRONINE LEVELS IN YEARLING COHO SALMON, /ONCORHYNCHUS KISUTCH/, BY DIETARY MIREX AND PCBS. *J. Fish. Res. Board Can.* 35 (10): 1285-1289. Oct. 1978. In English with French summ. SFA 24(1)

71-011032 Lebsack, M. E.; A. D. Anderson; K. F. Nelson and D. S. Farrier. SUBLETHAL EFFECTS OF AN *IN SITU* OIL SHALE RETORT WATER ON RAINBOW TROUT. *Toxicol. Appl. Pharmacol.* 54(3):462-468. July 1980. SFA 25(3)

71-011033 Leduc, G. DELETERIOUS EFFECTS OF CYANIDE ON EARLY LIFE STAGES OF ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 35 (2): 166-174. Feb. 1978. In English with French summ. SFA 23(2)

71-011034 Lee, D. R. DEVELOPMENT OF AN INVERTEBRATE BIOASSAY TO SCREEN PETROLEUM REFINERY EFFLUENTS DISCHARGED INTO FRESHWATER. *Ph. D. dissertation, Va. Polytech. Inst. & State Univ.* 118p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976. SFA 21(4)

71-011035 Lee, J. H.; Sylvester, J. R. and Nash, C. E. EFFECTS OF MIREX AND METHOXYCHLOR ON JUVENILE AND ADULT STRIPED MULLET, /MUGIL CEPHALUS/ L. *Bull. Environ. Contam. Toxicol.* 14 (2): 180-186. Aug. 1975. SFA 21(4)

71-011036 Lehtinen, K.-J. EFFECTS ON FISH EXPOSED TO EFFLUENT FROM A TITANIUM DIOXIDE INDUSTRY AND TESTED WITH ROTATORY-FLOW TECHNIQUE. *Ambio* 9(1):31-33. 1980. SFA 25(2)

71-011037 Leland, H. V.; Luoma, S. N.; Elder, J. F. and Wilkes, D. J. HEAVY METALS AND RELATED TRACE ELEMENTS. *J. Water Pollut. Control Fed.* 50 (6): 1469-1514. June 1978. SFA 23(4)

71-011038 Lemke, A. E.; Brungs, W. A. and Halligan, B. J. MANUAL FOR CONSTRUCTION AND OPERATION OF TOXICITY-TESTING PROPORTIONAL DILUTERS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-072. viii + 70p. July 1978. SFA 24(4)

71-011039 Lett, P. F.; Farmer, G. J. and Beamish, F. W. H. EFFECT OF COPPER ON SOME ASPECTS OF THE BIOENERGETICS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (6): 1335-1342. June 1976. In English with French summ. SFA 21(2).

71-011040 Leung, T. S. and Bulkley, R. V. EFFECTS OF PETROLEUM HYDROCARBONS ON LENGTH OF INCUBATION AND HATCHING SUCCESS IN THE JAPANESE MEDAKA. *Bull. Environ. Contam. Toxicol.* 23(1/2):236-243. Sept. 1979. SFA 25(1)

71-011041 Levitan, W. M. and Taylor, M. H. PHYSIOLOGY OF SALINITY-DEPENDENT NAPHTHALENE TOXICITY IN /FUNDULUS HETEROCLITUS/. *J. Fish. Res. Board Can.* 36 (6): 615-620. June 1979. In English with French summ. SFA 24(4)

71-011042 Lewis, F. G. III and Livingston, R. J. AVOIDANCE OF BLEACHED KRAFT PULPMILL EFFLUENT BY PINFISH (/LAGODON RHOMBOIDES/) AND GULF KILLIFISH (/FUNDULUS GRANDIS/). *J. Fish. Res. Board Can.* 34 (4): 568-570. Apr. 1977. In English with French summ. SFA 22(3)

71-011043 Lewis, M. ACUTE TOXICITY OF COPPER, ZINC AND MANGANESE IN SINGLE AND MIXED SALT SOLUTIONS TO JUVENILE LONGFIN DACE, /AGOSIA CHRYSOGASTER/. *J. Fish Biol.* 13 (6): 695-700. Dec. 1978. SFA 24(2)

71-011044 Lewis, M. EFFECTS OF LOW CONCENTRATIONS OF MANGANOUS SULFATE ON EGGS AND FRY OF RAINBOW TROUT. *Prog. Fish-Cult.* 38 (2): 63-65. Apr. 1976. SFA 21(3).

71-011045 Liden, L. H. and Burton, D. T. SURVIVAL OF JUVENILE ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/) AND SPOT (/LEIOSTOMUS XANTHURUS/) EXPOSED TO BROMINE CHLORIDE- AND CHLORINE-TREATED ESTUARINE WATERS. *J. Environ. Sci. Health A Environ. Sci. Eng.* 12 (8): 375-388. 1977. SFA 23(1)

71-011046 Liden, L. H.; Burton, D. T.; Margrey, S. L. and Bongers, L. H. COMPARATIVE BIOTOXICITY OF BROMOCHLORINATED AND CHLORINATED POWER PLANT CONDENSER COOLING WATERS TO SELECTED ESTUARINE ORGANISMS. *ASB (Assoc. Southeast. Biol.) Bull.* 26 (2): 88. Apr. 1979. SFA 24(4)

71-011047 Liden, L. H.; Burton, D. T.; Margrey, S. L.; Block, R. M. and Rhoderick, J. C. EFFECTS OF CHLORINATED AND BROMOCHLORINATED POWER PLANT CONDENSER COOLING WATERS ON SURVIVAL AND BLOOD PH OF ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/) AND SPOT (/LEIOSTOMUS XANTHURUS/). *ASB (Assoc. Southeast. Biol.) Bull.* 24 (2): 66. 1977. SFA 22(4)

71-011048 Liden, L. H.; Morgan, E. L.; Eagleson, K. W.; Burton, D. T. and Margrey, S. L. THE EFFECT OF TOTAL RESIDUAL CHLORINE ON GOLDFISH (/CARASSIUS AURATUS/) PREVIOUSLY EXPOSED TO LONG-TERM SUBLETHAL METAL STRESS. *ASB (Assoc. Southeast. Biol.) Bull.* 25 (2): 79. Apr. 1978. SFA 23(4)

71-011049 Lillie, W. R. and Klaverkamp, J. F. A SYSTEM FOR REGULATING AND RECORDING PH OF SOLUTIONS IN AQUATIC FLOW-THROUGH TOXICITY TESTS. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 710. v + 8p. 1977. In English with French summ. SFA 22(4)

71-011050 Lipsky, M. M.; Klaunig, J. E. and Hinton, D. E. COMPARISON OF ACUTE RESPONSE TO POLYCHLORINATED BIPHENYL IN LIVER OF RAT AND CHANNEL CATFISH: A BIOCHEMICAL AND MORPHOLOGICAL STUDY. *J. Toxicol. Environ. Health* 4 (1): 107-121. Jan. 1978. SFA 23(3)

71-011051 Little, L. W. LITERATURE REVIEW: BIOASSAYS--PROCEDURES AND RESULTS. *J. Water Pollut. Control Fed.* 50 (7): 1852-1868. July 1978. SFA 23(4)

71-011052 Llewellyn, G. C.; Stephenson, G. A. and Hofman, J. W. AFLATOXIN B(1) INDUCED TOXICITY AND TERATOGENICITY IN JAPANESE MEDAKA EGGS (/ORYZIAS LATIPES/). *Toxicon* 15 (6): 582-587. 1977. SFA 23(1)

71-011053 Lloyd, R. and Tooby, T. E. NEW TERMINOLOGY REQUIRED FOR SHORT-TERM STATIC FISH BIOASSAYS: LC(I)50. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 1-3. May 1979. SFA 24(3)

71-011054 Lockhart, W. L. and Lutz, A. PRELIMINARY BIOCHEMICAL OBSERVATIONS OF FISHES INHABITING AN ACIDIFIED LAKE IN ONTARIO, CANADA. *Water Air Soil Pollut.* 7 (3): 317-332. Mar. 1977. SFA 22(4)

71-011055 Lockhart, W. L.; Metner, D. A. and Solomon, J. METHOXYCHLOR RESIDUE STUDIES IN CAGED AND WILD FISH FROM THE ATHABASCA RIVER, ALBERTA, FOLLOWING A SINGLE APPLICATION OF BLACKFLY LARVICIDE. *J. Fish. Res. Board Can.* 34 (5): 626-632. May 1977. In English with French summ. SFA 22(3)

71-011056 Lonning, S. THE EFFECTS OF CRUDE EKOFISK OIL AND OIL PRODUCTS ON MARINE FISH LARVAE. *Astarte* 10 (1): 37-47. 1977. SFA 23(2)

71-011057 Lorio, W. J.; Jenkins, J. H. and Huish, M. T. DEPOSITION OF DIELDRIN IN FOUR COMPONENTS OF TWO ARTIFICIAL AQUATIC SYSTEMS AND A FARM POND. *Trans. Am. Fish. Soc.* 105 (6): 695-699. Nov. 1976. SFA 22(1)

71-011058 Lorz, H. W. and McPherson, B. P. EFFECTS OF COPPER AND ZINC ON SMOLTIFICATION OF COHO SALMON. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-032. xi + 69p. Mar. 1977. SFA 23(4)

71-011059 Lorz, H. W. and McPherson, B. P. EFFECTS OF COPPER OR ZINC IN FRESH WATER ON THE ADAPTATION TO SEA WATER AND ATPASE ACTIVITY, AND THE EFFECTS OF COPPER ON MIGRATORY DISPOSITION OF COHO SALMON (ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 33 (9): 2023-2030. Sept. 1976. In English with French summ. SFA 21(3).

71-011060 Lorz, H. W. and McPherson, B. P. EFFECTS OF COPPER ON SEAWATER ADAPTATION AND MIGRATION OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55: 255-266. July 1975. SFA 22(3)

71-011061 Lorz, H. W.; Glenn, S. W.; Kunkel, C. M.; Norris, L. A.; Loper, B. R. and Williams, R. H. EFFECTS OF SELECTED HERBICIDES ON SMOLTING OF COHO SALMON. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/3-79-071. xi + 103p. June 1979. SFA 25(1)

71-011062 Lorz, H. W.; Williams, R. H. and Fustish, C. A. SENSITIVITIES OF COHO SALMON SMOLTS (/ONCORHYNCHUS KISUTCH/) TO HEAVY METALS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 190-199. 1976. SFA 23(2)

71-011063 Lorz, H. W.; Williams, R. H. and Fustish, C. A. EFFECTS OF SEVERAL METALS ON SMOLTING OF COHO SALMON. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/3-78-090. xi + 85p. Sept. 1978. SFA 24(1)

71-011064 Loveland, P. M.; Nixon, J. E.; Pawlowski, N. E.; Eisele, T. A.; Libbey, L. M. and Sinnhuber, R. O. AFLATOXIN B(1) AND AFLATOXICOL METABOLISM IN RAINBOW TROUT (/SALMO GAIRDNERI/) AND THE EFFECTS OF DIETARY CYCLOPROPENE. *J. Environ. Pathol. Toxicol.* 2 (3): 707-718. Jan.-Feb. 1979. SFA 24(2)

71-011065 Lubinski, K. S.; Dickson, K. L. and Cairns, J., Jr. CHANGES IN THE LOCOMOTOR BEHAVIOR OF BLUEGILLS, /LEPOMIS MACROCHIRUS/ (RAF.) DURING ACCLIMATION IN AN OBSERVATION CHAMBER. *Trans. Ill. State Acad. Sci.* 70 (2): 238. 1977. Abstract only. SFA 24(1)

71-011066 Lunn, C. R.; Toews, D. P. and Pree, D. J. EFFECTS OF THREE PESTICIDES ON RESPIRATION, COUGHING, AND HEART RATES OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Can. J. Zool.* 54 (3): 214-219. Feb. 1976. In English with French summ. SFA 22(1)

71-011067 Luoma, S. N. DETECTION OF TRACE CONTAMINANT EFFECTS IN AQUATIC ECOSYSTEMS. *J. Fish. Res. Board Can.* 34 (3): 436-439. Mar. 1977. In English with French summ. SFA 22(3)

71-011068 Müller, R. FISH TOXICITY AND SURFACE TENSION OF NON-IONIC SURFACTANTS: INVESTIGATIONS OF ANTIFOAM AGENTS. *J. Fish Biol.* 16(5):585-589. May 1980. SFA 25(4)

71-011069 Macek, K. J. ACUTE TOXICITY OF PESTICIDE MIXTURES TO BLUEGILLS. *Bull. Environ. Contam. Toxicol.* 14 (6): 648-652. Dec. 1975. SFA 21(4)

71-011070 Macek, K. J. and Krzeminski, S. F. SUSCEPTIBILITY OF BLUEGILL SUNFISH (/LEPOMIS MACROCHIRUS/) TO NONIONIC SURFACTANTS. *Bull. Environ. Contam. Toxicol.* 13 (3): 377-384. Mar. 1975. SFA 21(4)

71-011071 Macek, K. J.; Lindberg, M. A.; Sauter, S.; Buxton, K. S. and Costa, P. A. TOXICITY OF FOUR PESTICIDES TO WATER FLEAS AND FATHEAD MINNOWS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-099. ix + 58p. Nov. 1976. SFA 23(2)

71-011072 MacInnes, J. R.; Thurberg, F. P.; Greig, R. A. and Gould, E. LONG-TERM CADMIUM STRESS IN THE CUNNER, /TAUTOGOLABRUS ADSPERSUS/. *NOAA Fish. Bull.* 75 (1): 199-203. Jan. 1977. SFA 22(3)

71-011073 Maciorowski, A. F. AN INEXPENSIVE MACROINVERTEBRATE BIOASSAY TABLE FOR USE IN CONTINUOUS-FLOW TOXICITY TESTS. *Bull. Environ. Contam. Toxicol.* 13 (4): 420-423. Apr. 1975. SFA 21(4)

71-011074 Mackie, A. M.; Singh, H. T. and Fletcher, T. C. STUDIES ON THE CYTOLYTIC EFFECTS OF SEASTAR (/MARTHASTERIAS GLACIALIS/) SAPONINS AND SYNTHETIC SURFACTANTS IN THE PLAICE /PLEURONECTES PLATESSA/. *Mar. Biol.* 29 (4): 307-314. 10 Apr. 1975. SFA 22(2)

71-011075 Madder, D. J. and Lockhart, W. L. A PRELIMINARY STUDY OF THE EFFECTS OF DIFLUBENZURON AND METHOPRENE ON RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Bull. Environ. Contam. Toxicol.* 20 (1): 66-70. July 1978. SFA 23(4)

71-011076 Majewski, H. S.; Klaverkamp, J. F. and Scott, D. P. ACUTE LETHALITY, AND SUB-LETHAL EFFECTS OF ACETONE, ETHANOL, AND PROPYLENE GLYCOL ON THE CARDIOVASCULAR AND RESPIRATORY SYSTEMS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Water Res.* 12 (4): 217-221. 1978. SFA 23(4)

71-011077 Maki, A. W. and Bishop, W. E. ACUTE TOXICITY STUDIES OF SURFACTANTS TO /DAPHNIA MAGNA/ AND /DAPHNIA PULEX/. *Arch. Environ. Contam. Toxicol.* 8 (5): 599-612. 1979. SFA 24(4)

71-011078 Maki, A. W. CORRELATIONS BETWEEN /DAPHNIA MAGNA/ AND FATHEAD MINNOW (/PIMEPHALES PROMELAS/) CHRONIC TOXICITY VALUES FOR SEVERAL CLASSES OF TEST SUBSTANCES. *J. Fish. Res. Board Can.* 36(4):411-421. Apr. 1979. In English with French summ. SFA 24(3)

71-011079 Maki, A. W. MODIFICATIONS OF CONTINUOUS-FLOW TOXICITY TEST METHODS FOR SMALL AQUATIC ORGANISMS. *Prog. Fish-Cult.* 39 (4): 172-174. Oct. 1977. SFA 23(1)

71-011080 Mancy, K. H. and Allen, H. E. A CONTROLLED BIOASSAY SYSTEM FOR MEASURING TOXICITY OF HEAVY METALS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-037. ix + 111p. Apr. 1977. SFA 23(3)

71-011081 Margrey, S. L.; Hall, L. W., Jr. and Burton, D. T. COMBINED EFFECTS OF CHLORINE, TEMPERATURE AND EXPOSURE DURATION ON LARVAL WHITE PERCH, /MORONE AMERICANA/ (GMELIN). *ASB (Assoc. Southeast. Biol.) Bull.* 26 (2): 88. Apr. 1979. SFA 24(4)

71-011082 Margrey, S. L.; Burton, D. T.; Liden, L. H. and Moore, C. J. THE ACUTE TOXICITY OF SOLUBLE COPPER TO TIDEWATER SILVERSIDE, /MENIDIA BERYLLINA/ (COPE), AT CONSTANT AND CYCLIC TEMPERATURES. *ASB (Assoc. Southeast. Biol.) Bull.* 25 (2): 79. Apr. 1978. SFA 23(4)

71-011083 Margrey, S. L.; Burton, D. T. and Richardson, L. B. A PRELIMINARY STUDY OF CHLORINE TOXICITY TO ATLANTIC MENHADEN (/BREVOORTIA TYRANNUS/) AND HOGCHOKER (/TRINECTES MACULATUS/). *ASB (Assoc. Southeast. Biol.) Bull.* 23 (2): 78. Apr. 1976. SFA 21(4).

71-011084 Marinenko, G.; Huggett, R. J. and Friend, D. G. AN INSTRUMENT WITH INTERNAL CALIBRATION FOR MONITORING CHLORINE RESIDUALS IN NATURAL WATERS. *J. Fish. Res. Board Can.* 33(4,1):822-826. Apr. 1976. In English with French summ. SFA 21(2).

71-011085 Marking, L. L. and Mauck, W. L. TOXICITY OF PAIRED MIXTURES OF CANDIDATE FOREST INSECTICIDES TO RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 13 (5): 518-523. May 1975. SFA 21(4)

71-011086 Marking, L. L. and Bills, T. D. CHLORINE: ITS TOXICITY TO FISH AND DETOXIFICATION OF ANTIMYCIN. *U.S. Fish Wildl. Serv. Invest. Fish Control* 74. 5p. 1977. SFA 22(3)

71-011087 Marking, L. L.; Bills, T. D. and Chandler, J. H., Jr. TOXICITY OF FURANACE TO FISH, AQUATIC INVERTEBRATES, AND FROG EGGS AND LARVAE. *U.S. Fish Wildl. Serv. Invest. Fish Control* 76. 6p. 1977. SFA 22(3)

71-011088 Marshall, J. S. POPULATION DYNAMICS OF /DAPHNIA GALEATA MENDOTAE/ AS MODIFIED BY CHRONIC CADMIUM STRESS. *J. Fish. Res. Board Can.* 35 (4): 461-469. Apr. 1978. In English with French summ. SFA 23(3)

71-011089 Martin, J. H. BIOACCUMULATION OF HEAVY METALS BY LITTORAL AND PELAGIC MARINE ORGANISMS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-038. v + 57p. Mar. 1979. SFA 24(4)

71-011090 Martini, F. H. EFFECTS OF CAPTURE AND FASTING CONFINEMENT ON AN ELASMOBRANCH, /SQUALUS ACANTHIAS/. *Ph.D. dissertation, Cornell Univ.* 114p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-011091 Masri, M. S.; Hendricks, J. D. and Sinnhuber, R. O. AFLATOXIN Q(1)-MAJOR DETOXIFYING PATHWAY IN PRIMATES, CARCINOGENICITY TESTS IN RAINBOW TROUT. *Toxicon* 17(suppl. 1):116-117. 1979. SFA 25(1)

71-011092 Matey, V. Ye. FUNCTIONAL STATE OF THE HYPOTHALAMO-HYPOPHYSIAL NEUROSECRETORY SYSTEM OF THE GUPPY, /LEBISTES RETICULATUS/, WITH ACUTE POLYCHLORPINENE POISONING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(1):132-138. 1975. SFA 21(2).

71-011093 Mathur, D. S. HISTOPATHOLOGICAL CHANGES IN THE LIVER OF FISH RESULTING FROM EXPOSURE TO CERTAIN INSECTICIDES. *Toxicon* 17(suppl. 1):188. 1979. Abstract only. SFA 25(1)

71-011094 Matsumura, F.; Doherty, Y. G.; Furukawa, K. and Boush, G. M. INCORPORATION OF ^{203}HG INTO METHYLMERCURY IN FISH LIVER: STUDIES ON BIOCHEMICAL MECHANISMS /IN VITRO/. *Environ. Res.* 10(2):224-235. Oct. 1975. SFA 22(1)

71-011095 Matthews, G. M. EXPOSURE OF FINGERLING SPRING CHINOOK SALMON TO MIXTURES OF FURANACE-10, QUINALDINE, AND MS-222. *Prog. Fish-Cult.* 41 (2): 85-86. Apr. 1979. SFA 24(3)

71-011096 Matthiessen, P. UPTAKE, METABOLISM AND EXCRETION OF THE MOLLUSCICIDE N-TRITYLMORPHOLINE BY THE TROPICAL FOOD FISH /SAROTHERODON MOSSAMBICUS/ (PETERS). *J. Fish Biol.* 11(5):497-509. Nov. 1977. SFA 23(1)

71-011097 Matthiessen, P. and Johnson, J. S. ACCUMULATION OF THE ORGANOPHOSPHATE BLACKFLY LARVICIDE ABATE (TEMEPHOS) IN /SAROTHERODON MOSSAMBICUS/, WITH REFERENCE TO THE LARVICIDAL CONTROL OF /SIMULIUM DAMNOSUM/. *J. Fish Biol.* 13 (5): 575-586. Nov. 1978. SFA 24(2)

71-011098 Matthiessen, P. and Brafield, A. E. UPTAKE AND LOSS OF DISSOLVED ZINC BY THE STICKLEBACK /GASTEROSTEUS ACULEATUS/ L. *J. Fish Biol.* 10 (4): 399-410. Apr. 1977. SFA 22(3)

71-011099 Mattson, V. R.; Arthur, J. W. and Walbridge, C. T. ACUTE TOXICITY OF SELECTED ORGANIC COMPOUNDS TO FATHEAD MINNOWS. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-097. vi + 13p. Oct. 1976. SFA 23(3)

71-011100 Mauck, W. L.; Mehrle, P. M. and Mayer, F. L. EFFECTS OF THE POLYCHLORINATED BIPHENYL AROCLOR 1254 ON GROWTH, SURVIVAL, AND BONE DEVELOPMENT IN BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish. Res. Board Can.* 35 (8): 1084-1088. Aug. 1978. In English with French summ. SFA 23(4)

71-011101 Mauck, W. L.; Mayer, F. L., Jr. and Holz, D. D. SIMAZINE RESIDUE DYNAMICS IN SMALL PONDS. *Bull. Environ. Contam. Toxicol.* 16 (1): 1-8. July 1976. SFA 22(3)

71-011102 Mauck, W. L.; Olson, L. E. and Hogan, J. W. EFFECTS OF WATER QUALITY ON DEACTIVATION AND TOXICITY OF MEXACARBATE (ZECTRAN) TO FISH. *Arch. Environ. Contam. Toxicol.* 6 (4): 385-393. 1977. SFA 23(2)

71-011103 May, R. C. EFFECTS OF SALTON SEA WATER ON THE EGGS AND LARVAE OF /BAIRDIELLA ICISTIA/ (PISCES: SCIAENIDAE). *Calif. Fish Game* 62 (2): 119-131. Apr. 1976. SFA 21(2).

71-011104 Mayer, F. L. RESIDUE DYNAMICS OF DI-2-ETHYLHEXYL PHTHALATE IN FATHEAD MINNOWS (/PIMEPHALES PROMELAS/). *J. Fish. Res. Board Can.* 33 (11): 2610-2613. Nov. 1976. In English with French summ. SFA 21(4).

71-011105 Mayer, F. L.; Mehrle, P. M. and Schoettger, R. A. COLLAGEN METABOLISM IN FISH EXPOSED TO ORGANIC CHEMICALS. *IN R. A. Tubb, ed. Recent Advances in Fish Toxicology: A Symposium. U.S. Environ. Res. Agency Ecol. Res. Ser.* EPA-600/3-77-085. p. 31-54. 1977. SFA 23(2)

71-011106 Mayer, F. L.; Mehrle, P. M. and Sanders, H. O. RESIDUE DYNAMICS AND BIOLOGICAL EFFECTS OF POLYCHLORINATED BIPHENYLS IN AQUATIC ORGANISMS. *Arch. Environ. Contam. Toxicol.* 5(4):501-511. 1977. SFA 22(4)

71-011107 Mayes, R. A. THE ROLE OF AQUATIC MACROPHYTES IN THE DISTRIBUTION AND CYCLING OF CADMIUM AND LEAD IN AQUATIC ECOSYSTEMS. *Ph. D. dissertation, Purdue Univ.* 221p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-011108 Maylin, G. A.; Henion, J. D.; Hicks, L. J.; Leibovitz, L.; Ahrens, V. D.; Gilbert, M. and Lisk, D. J. TOXICITY TO FISH OF FLAME RETARDANT FABRICS IMMERSED IN THEIR WATER. PART I. *Bull. Environ. Contam. Toxicol.* 17 (4): 499-504. Apr. 1977. SFA 22(3)

71-011109 Mazmanidi, N. D. and Kovaleva, G. I. THE EFFECT OF DISSOLVED PETROLEUM PRODUCTS ON SOME OF THE ASPECTS OF CARBOHYDRATE METABOLISM IN FISHES AND INVERTEBRATES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 811-816. 1975. SFA 22(1)

71-011110 McCain, B. B.; Hodgins, H. O.; Gronlund, W. D.; Hawkes, J. W.; Brown, D. W.; Myers, M. S. and Vandermeulen, J. H. BIOAVAILABILITY OF CRUDE OIL FROM EXPERIMENTALLY OILED SEDIMENTS TO ENGLISH SOLE (/PAROPHRYS VETULUS/), AND PATHOLOGICAL CONSEQUENCES. *J. Fish. Res. Board Can.* 35 (5): 657-664. May 1978. In English with French summ. SFA 23(3)

71-011111 McCain, J. C. and Peck, J. M., Jr. THE TOXICITY OF SELECTED CHEMICALS USED IN POWER GENERATING STATIONS TO HAWAIIAN FISHES. *Univ. Hawaii Sea Grant Tech. Rep.* UNIHI-SEAGRANT-TR-77-01. v + 17p. Sept. 1976. SFA 23(3)

71-011112 McCann, J. A. and R. K. Hitch. SIMAZINE TOXICITY TO FINGERLING STRIPED BASS. *Prog Fish-Cult.* 42(3):180-181. July 1980. SFA 25(4)

71-011113 McCarty, L. S. and Houston, A. H. EFFECTS OF EXPOSURE TO SUBLETHAL LEVELS OF CADMIUM UPON WATER-ELECTROLYTE STATUS IN THE GOLDFISH (/CARASSIUS AURATUS/). *J. Fish Biol.* 9 (1): 11-19. July 1976. SFA 22(1)

71-011114 McCarty, L. S.; Henry, J. A. C. and Houston, A. H. TOXICITY OF CADMIUM TO GOLDFISH, /CARASSIUS AURATUS/, IN HARD AND SOFT WATER. *J. Fish. Res. Board Can.* 35 (1): 35-42. Jan. 1978. In English with French summ. SFA 23(2)

71-011115 McCleay, D. J. DEVELOPMENT OF A BLOOD SUGAR BIOASSAY FOR RAPIDLY MEASURING STRESSFUL LEVELS OF PULPMILL EFFLUENT TO SLAMONID FISH. *J. Fish. Res. Board Can.* 34(4):477-485. Apr. 1977. In English with French summ. SFA 22(3)

71-011116 McCormick, J. H. TEMPERATURE EFFECTS ON YOUNG YELLOW PERCH, /PERCA FLAVESCENS/ (MITCHILL). *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-01957. vi + 19p. May 1976. SFA 21(2).

71-011117 McCraren, J. P. and Phillips, T. R. EFFECTS OF MASOTEN (DYLOX) ON PLANKTON IN EARTHEN PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:441-448. 1977[1979]. SFA 24(4)

71-011118 McDonald, T. O. COMPARISON OF THE EFFECTS OF PARATHION AND DDT ON THE CONCENTRATIONS OF SEROTONIN, NOREPINEPHRINE AND DOPAMINE IN THE BRAIN AND RETINA/PIGMENT EPITHELIUM/CHOROID OF THE GOLDFISH. *Ph.D. dissertation, Tulane Univ.* 105p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):1073. Sept. 1979. SFA 25(1)

71-011119 McDonald, T. O. and Fingerman, M. EFFECTS OF DDT AND PARATHION ON GOLDFISH RETINA/PIGMENT EPITHELIUM/CHOROID CONCENTRATIONS OF SEROTONIN, DOPAMINE AND NOREPINEPHRINE. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A199. 30 Mar. 1979. Abstract only. SFA 24(3)

71-011120 McKague, A. B. and Pridmore, R. B. TOXICITY OF ALTOSID AND DIMILIN TO JUVENILE RAINBOW TROUT AND COHO SALMON. *Bull. Environ. Contam. Toxicol.* 20(2):167-169. Aug. 1978. SFA 24(1)

71-011121 McKeown, B. A. and March, G. L. THE ACUTE EFFECT OF BUNKER C OIL AND AN OIL DISPERSANT ON: 1 SERUM GLUCOSE, SERUM SODIUM AND GILL MORPHOLOGY IN BOTH FRESHWATER AND SEAWATER ACCLIMATED RAINBOW TROUT (/SALMO GAIRDNERI/). *Water Res.* 12 (3): 157-163. 1978. SFA 23(4)

71-011122 McKim, J. M. EVALUATION OF TESTS WITH EARLY LIFE STAGES OF FISH FOR PREDICTING LONG-TERM TOXICITY. *J. Fish. Res. Board Can.* 34(8):1148-1154. Aug. 1977. In English with French Summ. SFA 22(4)

71-011123 McKim, J. M.; Arthur, J. W. and Thorslund, T. W. TOXICITY OF A LINEAR ALKYLATE SULFONATE DETERGENT TO LARVAE OF FOUR SPECIES OF FRESHWATER FISH. *Bull. Environ. Contam. Toxicol.* 14 (1): 1-7. July 1975. SFA 21(4)

71-011124 McKim, J. M.; Eaton, J. G. and Holcombe, G. W. METAL TOXICITY TO EMBRYOS AND LARVAE OF EIGHT SPECIES OF FRESHWATER FISH--II: COPPER. *Bull. Environ. Contam. Toxicol.* 19 (5): 608-616. May 1978. SFA 23(3)

71-011125 McKim, J. M.; Olson, G. F.; Holcombe, G. W. and Hunt, E. P. LONG-TERM EFFECTS OF METHYLMERCURIC CHLORIDE ON THREE GENERATIONS OF BROOK TROUT (/SALVELINUS FONTINALIS/): TOXICITY, ACCUMULATION, DISTRIBUTION, AND ELIMINATION. *J. Fish. Res. Board Can.* 33 (12): 2726-2739. Dec. 1976. In English with French summ. SFA 22(1)

71-011126 McLeay, D. J. and Munro, J. R. PHOTOPERIODIC ACCLIMATION AND CIRCADIAN VARIATIONS IN TOLERANCE OF JUVENILE RAINBOW TROUT (/SALMO GAIRDNERI/) TO ZINC. *Bull. Environ. Contam. Toxicol.* 23(4/5):552-557. Nov. 1979. SFA 25(1)

71-011127 McLeay, D. J. and Brown, D. A. STRESS AND CHRONIC EFFECTS OF UNTREATED AND TREATED BLEACHED KRAFT PULPMILL EFFLUENT ON THE BIOCHEMISTRY AND STAMINA OF JUVENILE COHO SALMONON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 36(9):1049-1059. Sept. 1979. In English with French summ. SFA 25(1)

71-011128 McLeay, D. J. and Gordon, M. R. EFFECT OF SEASONAL PHOTOPERIOD ON ACUTE TOXIC RESPONSES OF JUVENILE RAINBOW TROUT (/SALMO GAIRDNERI/) TO PULPMILL EFFLUENT. *J. Fish. Res. Board Can.* 35 (10): 1388-1392. Oct. 1978. In English with French Summ. SFA 24(1)

71-011129 McLeay, D. J. A RAPID METHOD FOR MEASURING THE ACUTE TOXICITY OF PULPMILL EFFLUENTS AND OTHER TOXICANTS TO SALMONID FISH AT AMBIENT ROOM TEMPERATURE. *J. Fish. Res. Board Can.* 33 (6): 1303-1311. June 1976. In English with French summ. SFA 21(2).

71-011130 McLeay, D. J.; Walden, C. C. and Munro, J. R. EFFECT OF PH ON TOXICITY OF KRAFT PULP AND PAPER MILL EFFLUENT TO SALMONID FISH IN FRESH AND SEAWATER. *Water Res.* 13 (3): 249-254. 1979. SFA 24(3)

71-011131 Meade, T. L. and S. J. Perrone. EFFECT OF CHLORIDE ION CONCENTRATION AND pH ON THE TRANSPORT OF NITRITE ACROSS THE GILL EPITHELIA OF COHO SALMON. *Prog. Fish-Cult.* 42(2):71-72. Apr. 1980. SFA 25(3)

71-011132 Mehrle, P. M. and Mayer, F. L. DI-2-ETHYLHEXYL PHTHALATE: RESIDUE DYNAMICS AND BIOLOGICAL EFFECTS IN RAINBOW TROUT AND FATHEAD MINNOWS. *IN D. D. Hemphill, ed. Trace Substances in Environmental Health--X. Univ. Mo., Columbia* p. 519-524. 1976. SFA 23(2)

71-011133 Mehrle, P. M. BONE DEVELOPMENT AND GROWTH OF FISH AS AFFECTED BY TOXAPHENE. *IN I. H. Suffet, ed. Fate of Pollutants in Air and Water Environments. Part 2. Wiley Interscience Publishers, New York.* 301-314. 1977. SFA 23(4)

71-011134 Mehrle, P. M.; Mayer, F. L. and Johnson, W. W. DIET QUALITY IN FISH TOXICOLOGY: EFFECTS ON ACUTE AND CHRONIC TOXICITY. *IN F. L. Mayer and J. L. Hamelink, Eds. Aquatic Toxicology and Hazard Evaluation. Am. Soc. Test. Mater. Spec. Tech. Publ.* 634. p. 269-280. 1977. SFA 23(2)

71-011135 Melancon, M. J. and J. J. Lech. UPTAKE, METABOLISM, AND ELIMINATION OF ^{14}C-LABELED 1,2,4-TRICHLOROBENZENE IN RAINBOW TROUT AND CARP. *J. Toxicol. Environ. Health* 6(3):645-658. May 1980. SFA 25(3)

71-011136 Melancon, M. J., Jr. and Lech, J. J. DISTRIBUTION AND ELIMINATION OF NAPHTHALENE AND 2-METHYLNAPHTHALENE IN RAINBOW TROUT DURING SHORT- AND LONG-TERM EXPOSURES. *Arch. Environ. Contam. Toxicol.* 7(2) 207-220. 1978. SFA 23(3)

71-011137 Melancon, M. J., Jr.; Branson, D. R. and Lech, J. J. THE UPTAKE, ELIMINATION AND METABOLISM OF 1, 2, 4-TRICHLOROBENZENE IN RAINBOW TROUT. *Toxicol. Appl. Pharmacol.* 48 (1, Part 2): A170. 30 Mar. 1979. Abstract only. SFA 24(3)

71-011138 Melancon, M. J., Jr. and Lech, J. J. ISOLATION AND IDENTIFICATION OF A POLAR METABOLITE OF TETRACHLOROBIPHENYL FROM BILE OF RAINBOW TROUT EXPOSED TO ^{14}C-TETRACHLOROBIPHENYL. *Bull. Environ. Contam. Toxicol.* 15(2):181-188. Feb. 1976. SFA 21(4)

71-011139 Melancon, M. J., Jr.; Saybolt, J. and Lech, J. J. EFFECT OF PIPERONYL BUTOXIDE ON DISPOSITION OF DI-2-ETHYLHEXYL PHTHALATE BY RAINBOW TROUT. *Xenobiotica* 7 (10): 633-640. Oct. 1977. SFA 23(1)

71-011140 Meldrim, J. W. and Fava, J. A., Jr. BEHAVIORAL AVOIDANCE RESPONSES OF ESTUARINE FISHES TO CHLORINE. *Chesapeake Sci.* 18 (1): 154-157. Mar. 1977. SFA 22(3)

71-011141 Menasveta, P. EFFECTS OF CERTAIN FOOD ADDITIVES ON MERCURY ACCUMULATION, DISTRIBUTION, AND ELIMINATION IN SALMONID FISHES, AND THE RESULTS ON GROWTH. *Ph.D. dissertation, Univ. Wash.* 159p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(7), 1975. SFA 21(1).

71-011142 Merlini, M. and Pozzi, G. LEAD AND FRESHWATER FISHES: PART I--LEAD ACCUMULATION AND WATER PH. *Environ. Pollut.* 12 (3): 167-172. Mar. 1977. SFA 22(3)

71-011143 Merlini, M. HEPATIC STORAGE ALTERATION OF VITAMIN B(12) BY CADMIUM IN A FRESHWATER FISH. *Bull. Environ. Contam. Toxicol.* 19 (6): 767-771. June 1978. SFA 23(4)

71-011144 Merna, J. W. and Queener, P. RESULTS OF SHORT-TERM EXPOSURE OF STREAM ORGANISMS TO METHOXYCHLOR. *Mich. Dep. Nat. Resour. Fish Res. Rep.* No. 1852. 18p. 17 Nov. 1977. SFA 23(2)

71-011145 Meyer, F. P. and Schnick, R. A. THE APPROACHING CRISIS IN THE REGISTRATION OF FISHERY CHEMICALS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:5-14. 1976[1978]. SFA 24(1)

71-011146 Middaugh, D. P.; L. E. Burnett and J. A. Couch. TOXICOLOGICAL AND PHYSIOLOGICAL RESPONSES OF THE FISH, *LEIOSTOMUS XANTHURUS*, EXPOSED TO CHLORINE PRODUCED OXIDANTS. *Estuaries* 3(2):132-141. June 1980. SFA 25(3)

71-011147 Middaugh, D. P.; Couch, J. A. and Crane, A. M. RESPONSES OF EARLY LIFE HISTORY STAGES OF THE STRIPED BASS, /MORONE SAXATILIS/ TO CHLORINATION. *Chesapeake Sci.* 18 (1): 141-153. Mar. 1977. SFA 22(3)

71-011148 Miller, D. L. and Ogilvie, D. M. TEMPERATURE SELECTION IN BROOK TROUT (/SALVELINUS FONTINALIS/) FOLLOWING EXPOSURE TO DDT, PCB OR PHENOL. *Bull. Environ. Contam. Toxicol.* 14(5):545-551. Nov. 1975. SFA 21(4)

71-011149 Miller, D. W. FACTORS AFFECTING UPTAKE AND RETENTION OF MANGANESE-54 IN FISH. *Ph.D. dissertation, Purdue Univ.* 127 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-011150 Miller, R. A.; Norris, L. A. and Loper, B. R. THE RESPONSE OF COHO SALMON AND GUPPIES TO 2,3,7,8-TETRACHLORLDIBENZO-/P/-DIOXIN (TCDD) IN WATER. *Trans. Am. Fish. Soc.* 108(4):401-407. July 1979. SFA 25(1)

71-011151 Mishra, S. and Srivastava, A. K. HEMATOLOGY AS INDEX OF SUBLETHAL TOXICITY OF ZINC IN A FRESHWATER TELEOST. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 695-698. July 1979. SFA 24(4)

71-011152 Mitchell, A. I.; Plack, P. A. and Thomson, I. M. RELATIVE CONCENTRATIONS OF ^{14}C-DDT AND OF TWO POLYCHLORINATED BIPHENYLS IN THE LIPIDS OF COD TISSUES AFTER A SINGLE ORAL DOSE. *Arch. Environ. Contam. Toxicol.* 6(4):525-532. 1977. SFA 23(2)

71-011153 Mitchell, A. J.; Grizzle, J. M. and Plumb, J. A. NIFURPIRINOL (FURANACE; P-7138) RELATED LESIONS ON CHANNEL CATFISH /ICTALURUS PUNCTATUS/ (RAFINESQUE). *J. Fish Dis.* 1 (1): 115-121. Jan. 1978. SFA 23(3)

71-011154 Miyauchi, M.; M. Takagi and T. Uematsu. STUDIES ON TOXICITIES OF BIPHENYL ETHER HERBICIDES AND THEIR ANALOGUES TO FISH--I. THE METHEMOGLOBIN-FORMATION BY THE NITROSO-DERIVATIVES IN WHITE-SPOTTED CHAR, *SALVELINUS LEUCOMAENIS* ERYTHROCYTES. *Bull. Jpn. Soc. Sci. Fish.* 45(12):1563-1567. Dec. 1979. SFA 25(2)

71-011155 Miyauchi, M.; M. Takagi and T. Uematsu. STUDIES ON TOXICITIES OF BIPHENYL ETHER HERBICIDES AND THEIR ANALOGUES TO FISH--II. PRODUCTION OF METHEMOGLOBIN-FORMING METABOLITES OF THE AMINO-DERIVATIVES BY WHITE-SPOTTED CHAR, *SALVELINUS LEUCOMAENIS*, LIVER HOMOGENATE. *Bull. Jpn. Soc. Sci. Fish.* 45(12):1569-1573. Dec. 1979. SFA 25(2)

71-011156 Moles, A. SENSITIVITY OF PARASITIZED COHO SALMON FRY TO CRUDE OIL, TOLUENE, AND NAPHTHALENE. *Trans. Am. Fish. Soc.* 109(3):293-297. May 1980. SFA 25(4)

71-011157 Moles, A.; Rice, S. D. and Korn, S. SENSITIVITY OF ALASKAN FRESHWATER AND ANADROMOUS FISHES TO PRUDHOE BAY CRUDE OIL AND BENZENE. *Trans. Am. Fish. Soc.* 108(4):408-414. July 1979. SFA 25(1)

71-011158 Mong, S. J. and Berra, T. M. THE EFFECTS OF INCREASING DOSAGES OF X-RADIATION ON THE CHROMOSOMES OF THE CENTRAL MUDMINNOW, /UMBRA LIMI/ (KIRTLAND) (SALMONIFORMES: UMBRIDAE). *J. Fish Biol.* 14 (6): 523-527. June 1979. SFA 24(4)

71-011159 Moore, M. R. and Meredith, P. A. THE CARCINOGENICITY OF LEAD. *Arch. Toxicol.* 42 (2): 87-94. June 1979. SFA 24(4)

71-011160 Moore, R.; Toro, E.; Stanton, M. and Khan, M. A. Q. ABSORPTION AND ELIMINATION OF ^{14}C-/ALPHA/- AND /GAMMA/-CHLORDANE BY A FRESHWATER ALGA, DAPHNID, AND GOLDFISH. *Arch. Environ. Contam. Toxicol.* 6(4):411-420. 1977. SFA 23(2)

71-011161 Morgan, H. G. SUBLETHAL EFFECTS OF DIAZINON ON STREAM INVERTEBRATES. *Ph.D. dissertation, Univ. Guelph* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(1):125. July 1977. SFA 24(1)

71-011162 Morgan, R. P. II and Prince, R. D. CHLORINE EFFECTS ON LARVAL DEVELOPMENT OF STRIPED BASS (/MORONE SAXATILIS/), WHITE PERCH (/M. AMERICANA/) AND BLUEBACK HERRING (/ALOSA AESTIVALIS/). *Trans. Am. Fish. Soc.* 107 (4): 636-641. July 1978. SFA 24(1)

71-011163 Morgan, R. P. II and Prince, R. D. CHLORINE TOXICITY TO EGGS AND LARVAE OF FIVE CHESAPEAKE BAY FISHES. *Trans. Am. Fish. Soc.* 106(4):380-385. July 1977. SFA 22(4)

71-011164 Morrow, J. E.; Gritz, R. L. and Kirton, M. P. EFFECTS OF SOME COMPONENTS OF CRUDE OIL ON YOUNG COHO SALMON. *Copeia* 1975(2):326-331. 23 May 1975. SFA 21(1).

71-011165 Moshkov, D. A.; Miroshnikov, A. I. and Tiras, N. R. EFFECT OF APAMINE ON THE ULTRASTRUCTURE OF MAUTHNER'S NEURONS IN FISH. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 245:851-853. Sept. 1979. SFA 25(1)

71-011166 Moskal'kova, K. I. THE INFLUENCE OF RADIOACTIVE CARBON C^{14} ON THE DEVELOPMENT OF THE EGGS OF THE ROUND GOBY, /NEOGOBIUS MELANOSTOMUS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(1):157-161. 1978. SFA 24(3)

71-011167 Moss, J. L. TOXICITY OF SELECTED CHEMICALS TO THE FAIRY SHRIMP, /STREPTOCEPHALUS SEALI/, UNDER LABORATORY AND FIELD CONDITIONS. *Prog. Fish-Cult.* 40(4):158-160. Oct. 1978. SFA 24(2)

71-011168 Moy, D. C. and Dredge, M. C. L. A NOVEL BIOPSY TECHNIQUE FOR MONITORING ENVIRONMENTAL CONTAMINANTS IN FISH. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 35-37. May 1979. SFA 24(3)

71-011169 Mudge, J. E.; Dively, J. L.; Neff, W. H. and Anthony, A. INTERRENAL HISTOCHEMISTRY OF ACID-EXPOSED BROOK TROUT, /SALVELINUS FONTINALIS/ (MITCHILL). *Gen. Comp. Endocrinol.* 31 (2): 208-215. Feb. 1977. SFA 22(3)

71-011170 Muirhead-Thomson, R. C. RELATIVE SUSCEPTIBILITY OF STREAM MACROINVERTEBRATES TO TEMEPHOS AND CHLORPYRIFOS, DETERMINED IN LABORATORY CONTINUOUS-FLOW SYSTEMS. *Arch. Environ. Contam. Toxicol.* 7 (2): 129-137. 1978. SFA 23(3)

71-011171 Muirhead-Thomson, R. C. LETHAL AND BEHAVIORAL IMPACT OF CHLORPYRIFOS METHYL AND TEMEPHOS AND SELECT STREAM MACROINVERTEBRARTES: EXPERIMENTAL STUDIES ON DOWNSTREAM DRIFT. *Arch. Environ. Contam. Toxicol.* 7 (2): 139-147. 1978. SFA 23(3)

71-011172 Muntyan, S. P. SOME OBSERVATIONS ON THE REPRODUCTION AND EMBRYONIC DEVELOPMENT OF FIVE SPECIES OF FISH KEPT IN EXPERIMENTAL RADIACTIVE WATER BODIES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1033-1038. 1978. SFA 25(2)

71-011173 Murai, T.; Andrews, J. W. and Muller, J. W. FINGERLING AMERICAN SHAD: EFFECT OF VALIUM, MS-222, AND SODIUM CHLORIDE ON HANDLING MORTALITY. *Prog. Fish-Cult.* 41(1):27-33. Jan. 1979. SFA 24(2)

71-011174 Nagel, R. and K. Urich. KINETIC STUDIES ON THE ELIMINATION OF DIFFERENT SUBSTITUTED PHENOLS BY GOLDFISH *(CARASSIUS AURATUS)*. *Bull. Environ. Contam. Toxicol.* 24(3):374-378. Mar. 1980. SFA 25(2)

71-011175 Narbonne, J. F. and Gallis, J.-L. /IN VIVO/ AND /IN VITRO/ EFFECT OF PHENOCLOR DP6 ON DRUG METABOLIZING ACTIVITY IN MULLET LIVER. *Bull. Environ. Contam. Toxicol.* 23(3):338-343. Oct. 1979. SFA 25(1)

71-011176 Narbonne, J. F. POLYCHLORINATED BIPHENYL ACCUMULATION IN GREY MULLETS (/CHELON LABROSUS/): EFFECT OF AGE. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 65-68. May 1979. SFA 24(3)

71-011177 Narbonne, J. F. ACCUMULATION OF POLYCHLORINATED BIPHENYL (PHENOCLOR DP6) BY ESTUARINE FISH. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 60-64. May 1979. SFA 24(3)

71-011178 Nava, M. E. and F. R. Engelhardt. COMPARTMENTALIZATION OF INGESTED LABELLED PETROLEUM IN TISSUES AND BILE OF THE AMERICAN EEL (*ANGUILLA ROSTRATA*). *Bull. Environ. Contam. Toxicol.* 24(6):879-885. June 1980. SFA 25(4)

71-011179 Negilski, D. S. ACUTE TOXICITY OF ZINC, CADMIUM AND CHROMIUM TO THE MARINE FISHES, YELLOW-EYE MULLET (/ALDRICHETTA FORSTERI/ C.&V.) AND SMALL-MOUTHED HARDYHEAD (/ATHERINASOMA MICROSTOMA/ WHITLEY). *Aust. J. Mar. Freshwater Res.* 27 (1): 137-149. Mar. 1976. SFA 21(4).

71-011180 Neville, C. M. INFLUENCE OF MILD HYPERCAPNIA ON THE EFFECTS OF ENVIRONMENTAL ACIDIFICATION ON RAINBOW TROUT *(SALMO GAIRDNERI)*. *J. Exp. Biol.* 83:345-349. Dec. 1979. SFA 25(2)

71-011181 Neville, C. M. SUBLETHAL EFFECTS OF ENVIRONMENTAL ACIDIFICATION ON RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (1): 84-87. Jan. 1979. In English with French summ. SFA 24(2)

71-011182 Nevins, M. J. and Johnson, W. W. ACUTE TOXICITY OF PHOSPHATE ESTER MIXTURES TO INVERTEBRATES AND FISH. *Bull. Environ. Contam. Toxicol.* 19(2):250-256. Feb. 1978. SFA 23(3)

71-011183 Newbold, C. HERBICIDES IN AQUATIC SYSTEMS. *Biol. Conserv.* 7 (2): 97-118. Feb 1975. SFA 21(4)

71-011184 Nichols, D. E. and Sellers, C. M., Jr. THE EFFECT OF PULSED CHLORINE ON THE VENTILATORY ACTIVITY OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Va. J. Sci.* 29 (2): 66. 1978. Abstract only. SFA 24(4)

71-011185 Niimi, A. J. and C. Y. Cho. UPTAKE OF HEXACHLOROBENZENE (HCB) FROM FEED BY RAINBOW TROUT (*SALMO GAIRDNERI*). *Bull. Environ. Contam. Toxicol.* 24(6):834-839. June 1980. SFA 25(4)

71-011186 Niimi, A. J. and LaHam, Q. N. RELATIVE TOXICITY OF ORGANIC AND INORGANIC COMPOUNDS OF SELENIUM TO NEWLY HATCHED ZEBRAFISH (/BRACHYDANIO RERIO/). *Can. J. Zool.* 54 (4): 501-509. Apr. 1976. In English with French summ. SFA 22(1)

71-011187 Niimi, A. J. LAG ADJUSTMENT BETWEEN ESTIMATED AND ACTUAL PHYSIOLOGICAL RESPONSES CONDUCTED IN FLOW-THROUGH SYSTEMS. *J. Fish. Res. Board Can.* 35 (9): 1265-1269. Sept. 1978. In English with French summ. SFA 24(1)

71-011188 Nilov, V. I.; Fedoseyenko, V. M. and Shekhanova, I. A. EYE DAMAGE TO THE GRASS CARP (/CTENOPHARYNGODON IDELLA/) FROM CHRONIC UPTAKE OF STRONTIUM 90. *J. Ichthyol. (Engl. Trans. Vopr. Ikhtiol.)* 16 (6): 1001-1006. 1976. SFA 23(3)

71-011189 Nimmo, D. R.; Rigby, R. A.; Bahner, L. H. and Sheppard, J. M. THE ACUTE AND CHRONIC EFFECTS OF CADMIUM ON THE ESTUARINE MYSID, /MYSIDOPSIS BAHIA/. *Bull. Environ. Contam. Toxicol.* 19 (1): 80-85. Jan. 1978. SFA 23(2)

71-011190 Noel-Lambot, F. and Bouquegneau, J. M. COMPARATIVE STUDY OF TOXICITY, UPTAKE AND DISTRIBUTION OF CADMIUM AND MERCURY IN THE SEA WATER ADAPTED EEL /ANGUILLA ANGUILLA/. *Bull. Environ. Contam. Toxicol.* 18 (4): 418-424. Oct. 1977. SFA 23(1)

71-011191 Nomura, T. and Shimizu, I. [STUDIES ON THE EFFECT OF BATHING DRUGS TO SALMONID FISHES--I. BATHING TOXICITY OF NIFUPIRINOL TO CHUM SALMON AND KOKANEE FRY.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 17-23. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-011192 Norstrom, R. J.; Hallett, D. J. and Sonstegard, R. A. COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND HERRING GULLS (/LARUS ARGENTATUS/) AS INDICATORS OF ORGANOCHLORINE CONTAMINATION IN LAKE ONTARIO. *J. Fish. Res. Board Can.* 35 (11): 1401-1409. Nov. 1978. In English with French summ. SFA 24(1)

71-011193 Norstrom, R. J.; McKinnon, A. E. and DeFrietas, A. S. W. A BIOENERGETICS-BASED MODEL FOR POLLUTANT ACCUMULATION BY FISH. SIMULATION OF PCB AND METHYLMERCURY RESIDUE LEVELS IN OTTAWA RIVER YELLOW PERCH (/PERCA FLAVESCENS/). *J. Fish. Res. Board Can.* 33(2):248-267. Feb. 1976. In English with French summ. SFA 21(1).

71-011194 Norton, M. G. and F. L. Franklin. RESEARCH INTO TOXICITY EVALUATION AND CONTROL CRITERIA OF OIL DISPERSANTS. *Minist. Agric. Fish. Food Dir. Fish. Res. Fish. Res. Tech. Rep.* No. 57. 20p. 1980. SFA 25(4)

71-011195 Nuorteva, P. and Hasanen, E. BIOACCUMULATION OF MERCURY IN /MYOXOCEPHALUS QUADRICORNIS/ (L.) (TELEOSTEI, COTTIDAE) IN AN UNPOLLUTED AREA OF THE BALTIC. *Ann. Zool. Fenn.* 12: 247-254. 1975. SFA 21(4).

71-011196 O'Connor, D. V. and Fromm, P. O. THE EFFECT OF METHYL MERCURY ON GILL METABOLISM AND BLOOD PARAMETERS OF RAINBOW TROUT. *Bull. Environ. Contam. Toxicol.* 13 (4): 406-411. Apr. 1975. SFA 21(4)

71-011197 O'Kelley, J. C. and Deason, T. R. DEGRADATION OF PESTICIDES BY ALGAE. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-76-022. vi + 42p. Mar. 1976. SFA 21(1).

71-011198 Oba, K.; Sugiyama, T.; Miura, K. and Morisaki, Y. [CHANGE IN FISH TOXICITY OF LAS DURING BIODEGRADATION.] *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 1001-1008. Aug. 1977. In Japanese with English summ. SFA 23(1)

71-011199 Ogilvie, D. M. and Miller, D. L. DURATION OF A DDT-INDUCED SHIFT IN THE SELECTED TEMPERATURE OF ATLANTIC SALMON (/SALMO SALAR/). *Bull. Environ. Contam. Toxicol.* 16 (1): 86-89. July 1976. SFA 22(3)

71-011200 Oksama, M. and R. Kristoffersson. THE TOXICITY OF PHENOL TO *PHOXINUS PHOXINUS*, *GAMMARUS DUEBENI*, AND *MESIDOTEA ENTOMON* IN BRACKISH WATER. *Ann. Zool. Fenn.* 16(3):209-216. 1979. SFA 25(4)

71-011201 Olofsson, S. and Lindahl, P. E. TEMPERATURE DEPENDENCE OF THE EFFECT OF ETHANOL, AS A MODEL SUBSTANCE, ON COD. *Environ. Res.* 14 (1): 22-29. Aug. 1977. SFA 22(4)

71-011202 Olson, G. F.; Mount, D. I. and Snarski, V. M. MERCURY RESIDUES IN FATHEAD MINNOWS, /PIMEPHALES PROMELAS/ RAFINESQUE, CHRONICALLY EXPOSED TO METHYLMERCURY IN WATER. *Bull. Environ. Contam. Toxicol.* 14 (2): 129-134. Aug. 1975. SFA 21(4)

71-011203 Olson, K. R.; Squibb, K. S. and Cousins, R. J. TISSUE UPTAKE, SUBCELLULAR DISTRIBUTION, AND METABOLISM OF ^{14}CH(3)HGCL AND CH(3)^{203}HGCL BY RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish. Res. Board Can.* 35(4):381-390. Apr. 1978. In English with French summ. SFA 23(3)

71-011204 Olson, L. E.; Allen, J. L. and Hogan, J. W. BIOTRANSFORMATION AND ELIMINATION OF THE HERBICIDE DINITRAMINE IN CARP. *Agric. Food Chem.* 25(3):554-556. May-June 1977. SFA 23(2)

71-011205 Orr, J. R.; Morgan, E. L. and Martino, L. ACUTE TOXICITY OF KEROSINE TO FATHEAD MINNOWS (/PIMEPHALES PROMELAS/). *J. Tenn. Acad. Sci.* 54 (2): 72. Apr. 1979. Abstract only. SFA 24(3)

71-011206 Oswald, R. L. INJECTION ANAESTHESIA FOR EXPERIMENTAL STUDIES IN FISH. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (1): 19-26. 1978. SFA 23(3)

71-011207 Ozoh, P. T. E. EFFECT OF LEAD ON PIGMENT PATTERN FORMATION IN ZEBRAFISH (*BRACHYDANIO RERIO*). *Bull. Environ. Contam. Toxicol.* 24(2):276-282. Feb. 1980. SFA 25(2)

71-011208 Ozoh, P. T. E. EFFECTS OF REVERSIBLE INCUBATIONS OF ZEBRAFISH EGGS IN COPPER AND LEAD IONS WITH OR WITHOUT SHELL MEMBRANES. *Bull. Environ. Contam. Toxicol.* 24(2):270-275. Feb. 1980. SFA 25(2)

71-011209 Ozoh, P. T. E. and Jacobson, C.-O. EMBRYOTOXICITY AND HATCHABILITY IN /CICHLASOMA NIGROFASCIATUM/ (GUENTHER) EGGS AND LARVAE BRIEFLY EXPOSED TO LOW CONCENTRATIONS OF ZINC AND COPPER IONS. *Bull. Environ. Contam. Toxicol.* 21 (6): 782-786. Apr. 1979. SFA 24(3)

71-011210 Ozoh, P. T. E. STUDIES ON INTRAPERITONEAL TOXICITY OF LEAD TO /CICHLASOMA NIGROFASCIATUM/ (GUENTHER) DEVELOPMENT. *Bull. Environ. Contam. Toxicol.* 21 (4/5): 676-682. Mar. 1979. SFA 24(3)

71-011211 Ozoh, P. T. E. MALFORMATIONS AND INHIBITORY TENDENCIES INDUCED TO /BRACHYDANIO RERIO/ (HAMILTON-BUCHANAN) EGGS AND LARVAE DUE TO EXPOSURES IN LOW CONCENTRATIONS OF LEAD AND COPPER IONS. *Bull. Environ. Contam. Toxicol.* 21 (4/5): 668-675. Mar. 1979. SFA 24(3)

71-011212 Panigrahi, A. K. and B. N. Misra. TOXICOLOGICAL EFFECTS OF A SUB-LETHAL CONCENTRATION OF INORGANIC MERCURY ON THE FRESH WATER FISH, *TILAPIA MOSSAMBICA*, PETERS. *Arch. Toxicol.* 44(4):269-278. Apr. 1980. SFA 25(3)

71-011213 Panigrahi, A. K. and Misra, B. N. TOXICOLOGICAL EFFECTS OF MERCURY ON A FRESHWATER FISH, /ANABAS SCANDENS/, CUV. & VAL. AND THEIR ECOLOGICAL IMPLICATIONS. *Environ. Pollut.* 16 (1): 31-39. May 1978. SFA 23(4)

71-011214 Panigrahi, A. K. and Misra, B. N. TOXICOLOGICAL EFFECTS OF MERCURY ON A FRESHWATER FISH, /ANABAS SCANDENS/, CUV. & VAL. AND THEIR ECOLOGICAL IMPLICATIONS. *Environ. Pollut.* 16 (1): 31-39. May 1978. SFA 23(4)

71-011215 Panwar, R. S.; Kapoor, D.; Joshi, H. C. and Gupta, R. A. TOXICITY OF SOME INSECTICIDES TO THE WEED FISH, /TRICHOGASTER FASCIATUS/ (BLOCH & SCHNEIDER). *J. Inland Fish. Soc. India* 8: 129-130. Dec. 1976. SFA 24(3)

71-011216 Parejko, R. and Wu, C. J. CHLOROHYDROCARBONS IN MARQUETTE FISH HATCHERY LAKE TROUT (/SALVELINUS NAMAYCUSH/). *Bull. Environ. Contam. Toxicol.* 17 (1): 90-97. Jan. 1977. SFA 22(3)

71-011217 Parkhurst, B. R.; Bradshaw, A. S.; Forte, J. L. and Wright, G. P. AN EVALUATION OF THE ACUTE TOXICITY TO AQUATIC BIOTA OF A COAL CONVERSION EFFLUENT AND ITS MAJOR COMPONENTS. *Bull. Environ. Contam. Toxicol.* 23(3):349-356. Oct. 1979. SFA 25(1)

71-011218 Parrish, P. R.; Cook, G. H. and Patrick, J. M., Jr. HEXACHLOROBENZENE: EFFECTS ON SEVERAL ESTUARINE ANIMALS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 179-187. 1975. SFA 21(3).

71-011219 Pascoe, D. and Beattie, J. H. RESISTANCE TO CADMIUM BY PRETREATED RAINBOW TROUT ALEVINS. *J. Fish Biol.* 14 (3): 303-308. Mar. 1979. SFA 24(3)

71-011220 Pascoe, D. and Mattey, D. L. STUDIES ON THE TOXICITY OF CADMIUM TO THE THREE-SPINED STICKLEBACK /GASTEROSTEUS ACULEATUS/ L. *J. Fish Biol.* 11 (2): 207-215. Aug. 1977. SFA 23(1)

71-011221 Passino, D. R. M. and J. M. Kramer. TOXICITY OF ARSENIC AND PCBs TO FRY OF DEEPWATER CISCOES (*COREGONUS*). *Bull. Environ. Contam. Toxicol.* 24(4):527-534. Apr. 1980. SFA 25(2)

71-011222 Passino, D. R. M. and Cotant, C. A. ALLANTOINASE IN LAKE TROUT (/SALVELINUS NAMAYCUSH/): /IN VITRO/ EFFECTS OF PCBS, DDT AND METALS. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62 (1): 71-75. 1979. SFA 24(2)

71-011223 Patrick, F. M. and Loutit, M. W. PASSAGE OF METALS TO FRESHWATER FISH FROM THEIR FOOD. *Water Res.* 12 (6): 395-398. 1978. SFA 23(4)

71-011224 Patrick, R. EFFECTS OF TRACE METALS IN THE AQUATIC ECOSYSTEM. *Am. Sci.* 66 (2): 185-191. Mar.-Apr. 1978. SFA 23(3)

71-011225 Payne, J. F.; Kiceniuk, J. W.; Squires, W. R. and Fletcher, G. L. PATHOLOGICAL CHANGES IN A MARINE FISH AFTER A 6-MONTH EXPOSURE TO PETROLEUM. *J. Fish. Res. Board Can.* 35 (5): 665-667. May 1978. In English with French summ. SFA 23(3)

71-011226 Pechkurenkov, V. L. and G. L. Pokrovskaya. ON THE CORRESPONDENCE OF DATA ON THE INCUBATION OF FISH EGGS IN SOLUTIONS OF STRONTIUM-90 -- YTTRIUM-90 OF VARYING ACTIVITY UNDER LABORATORY CONDITIONS AND IN NATURAL WATERS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):995-1004. 1978. SFA 25(2)

71-011227 Pedersen, M. G.; Hershberger, W. K.; Zachariah, P. K. and Juchau, M. R. HEPATIC BIOTRANSFORMATION OF ENVIRONMENTAL XENOBIOTICS IN SIX STRAINS OF RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 33 (4,1): 666-675. Apr. 1976. In English with French summ. SFA 21(2).

71-011228 Pegg, W. J.; Keller, E. C., Jr. and Harner, E. J. THE INFLUENCE OF ACID ON THE CYCLIC NATURE OF OXYGEN CONSUMPTION IN VARIOUS FISHES. *Proc. W. Va. Acad. Sci.* 48 (1): 29. 1976. Abstract only. SFA 21(2).

71-011229 Peltier, W. METHODS FOR MEASURING THE ACUTE TOXICITY OF EFFLUENTS TO AQUATIC ORGANISMS. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-78-012. ix + 52p. Jan. 1978. SFA 24(4)

71-011230 Pentreath, R. J. THE ACCUMULATION OF CADMIUM BY THE PLAICE, /PLEURONECTES PLATESSA/ L. AND THE THORNBACK RAY, /RAJA CLAVATA/ L. *J. Exp. Mar. Biol. Ecol.* 30 (3): 223-232. Dec. 1977. SFA 23(3)

71-011231 Pentreath, R. J. SOME FURTHER STUDIES ON THE ACCUMULATION AND RETENTION OF ^{65}ZN AND ^{54}MN BY THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Exp. Mar. Biol. Ecol.* 21(2):179-189. Feb. 1976. SFA 21(3).

71-011232 Pentreath, R. J. THE ACCUMULATION OF INORGANIC MERCURY FROM SEA WATER BY THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Exp. Mar. Biol. Ecol.* 24 (2): 103-119. 15 Oct. 1976. SFA 22(1)

71-011233 Pentreath, R. J. THE ACCUMULATION OF MERCURY BY THE THORNBACK RAY, /RAJA CLAVATA/ L. *J. Exp. Mar. Biol. Ecol.* 25 (2): 131-140. 1 Dec. 1976. SFA 22(1)

71-011234 Pentreath, R. J. THE ACCUMULATION OF ORGANIC MERCURY FROM SEA WATER BY THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Exp. Mar. Biol. Ecol.* 24 (2): 121-132. 15 Oct. 1976. SFA 22(1)

71-011235 Pentreath, R. J. THE ACCUMULATION OF MERCURY FROM FOOD BY THE PLAICE, /PLEURONECTES PLATESSA/ L. *J. Exp. Mar. Biol. Ecol.* 25 (1): 51-65. 15 Nov. 1976. SFA 22(1)

71-011236 Percy, J. A. EFFECTS OF CHRONIC EXPOSURE TO PETROLEUM UPON THE GROWTH AND MOLTING OF JUVENILES OF THE ARCTIC MARINE ISOPOD CRUSTACEAN /MESIDOTEA ENTOMON/. *J. Fish. Res. Board Can.* 35 (5): 650-656. May 1978. In English with French summ. SFA 23(3)

71-011237 Perna, A. and Di Giacinto, L. RICERCA PER VIA MICROBIOLOGICA DI SOSTANZE INIBENTI LO SVILUPPO BATTERICO E LORO PERSISTENZA NELLE CARNI, NEL FEGATO E NELL'INTESTINO DI TROTE ALIMENTATE CON ALCUNI MANGIMI COMPOSTI INTEGRATI MEDICATI. [MICROBIOLOGICAL RESEARCH OF SUBSTANCES INHIBITING BACTERIAL GROWTH AND THEIR PERSISTENCY IN FLESH, LIVER, AND INTESTINE OF TROUT FED WITH MEDICATED COMPOUND FEEDS.] *Riv. It. Piscic. Ittiop.* 11 (3): 73-79. July-Aug.-Sept. 1976. In Italian with English summ. SFA 21(4).

71-011238 Perrone, S. J. and Meade, T. L. PROTECTIVE EFFECT OF CHLORIDE ON NITRITE TOXICITY TO COHO SALMON (/ONCORHYNCHUS KISUTCH/). *J. Fish. Res. Board Can.* 34 (4): 486-492. Apr. 1977. In English with French summ. SFA 22(3)

71-011239 Persov, G. M. and Shirokova, T. V. THE REPRODUCTIVE FUNCTION OF /TILAPIA MOSSAMBICA/ DURING THE POSTRADIATIVE PERIOD IN THE THIRD GENERATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (1): 55-61. 1975. SFA 21(2).

71-011240 Peters, G. B.; Dawson, H. J.; Hrutfiord, B. F. and Whitney, R. R. AQUEOUS LEACHATE FROM WESTERN RED CEDAR: EFFECTS ON SOME AQUATIC ORGANISMS. *J. Fish. Res. Board Can.* 33 (12): 2703-2709. Dec. 1976. In English with French summ. SFA 22(1)

71-011241 Peterson, R. H.; P. G. Daye and J. L. Metcalfe. INHIBITION OF ATLANTIC SALMON (*SALMO SALAR*) HATCHING AT LOW pH. *Can. J. Fish. Aquatic Sci.* 37(5):770-774. May. 1980. In English with French summ. SFA 25(3)

71-011242 Peterson, R. H. TEMPERATURE SELECTION OF JUVENILE ATLANTIC SALMON (/SALMO SALAR/) AS INFLUENCED BY VARIOUS TOXIC SUBSTANCES. *J. Fish. Res. Board Can.* 33 (8): 1722-1730. Aug. 1976. In English with French summ. SFA 21(3).

71-011243 Pfeifer, K. F. and Weber, L. J. THE EFFECT OF CARBON TETRACHLORIDE ON THE TOTAL PLASMA PROTEIN CONCENTRATION OF RAINBOW TROUT /SALMO GAIRDNERI/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):37-42. 1979. SFA 25(1)

71-011244 Pfeifer, K. F. and L. J. Weber. THE EFFECT OF CARBON TETRACHLORIDE TREATMENT ON URINE FLOW RATE OF THE RAINBOW TROUT, *SALMO GAIRDNERI*. *Toxicol. Appl. Pharmacol.* 52(2):347-350. Feb. 1980. SFA 25(2)

71-011245 Pfeifer, K. F. BIOCHEMICAL AND PHYSIOLOGICAL ASPECTS OF CARBON TETRACHLORIDE (CCL(4)) TOXICITY IN THE RAINBOW TROUT (/SALMO GAIRDNERI/). *Ph.D. dissertation, Oreg. State Univ.* 195p. 1979. From Diss. Abstr. Int. B Sci. Eng. 39(8):3611. Feb. 1979. SFA 24(3)

71-011246 Pfuderer, P. and Francis, A. A. PHTHALATE ESTERS: HEARTRATE DEPRESSORS IN THE GOLDFISH. *Bull. Environ. Contam. Toxicol.* 13 (3): 275-279. Mar. 1975. SFA 21(4)

71-011247 Pfuderer, P.; Janzen, S. and Rainey, W. T., Jr. THE IDENTIFICATION OF PHTHALIC ACID ESTERS IN THE TISSUES OF CYPRINODONT FISH AND THEIR ACTIVITY AS HEARTRATE DEPRESSORS. *Environ. Res.* 9(3):215-233. June 1975. SFA 22(1)

71-011248 Phillips, G. R. and Buhler, D. R. INFLUENCES OF DIELDRIN ON THE GROWTH AND BODY COMPOSITION OF FINGERLING RAINBOW TROUT (/SALMO GAIRDNERI/) FED OREGON MOIST PELLETS OR TUBIFICID WORMS (/TUBIFEX/ SP.). *J. Fish. Res. Board Can.* 36 (1): 77-80. Jan. 1979. In English with French summ. SFA 24(2)

71-011249 Phillips, G. R. and Buhler, D. THE RELATIVE CONTRIBUTIONS OF METHYLMERCURY FROM FOOD OR WATER TO RAINBOW TROUT (/SALMO GAIRDNERI/) IN A CONTROLLED LABORATORY ENVIRONMENT. *Trans. Am. Fish. Soc.* 107(6):853-861. Nov. 1978. SFA 24(2)

71-011250 Phillips, G. R. and Russo, R. C. METAL BIOACCUMULATION IN FISHES AND AQUATIC INVERTEBRATES: A LITERATURE REVIEW. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-103. vi + 116p. Dec. 1978. SFA 24(4)

71-011251 Piavaux, A. L'INFLUENCE DU CADMIUM SUR L'ACTIVITE DE LA PHOSPHATASE ALCALINE DANS DIVERS TISSUS DE /LEPOMIS GIBBOSUS/ L. (PISCES; CENTRARCHIDAE). [THE INFLUENCE OF CADMIUM ON THE AKALINE PHOSPHATASE ACTIVITY OF VARIOUS TISSUES OF /LEPOMIS GIBBOSUS/ L. (PISCES; CENTRARCHIDAE).] *Hydrobiologia* 55 (3): 251-256. 8 Sept. 1977. In French with English summ. SFA 23(2)

71-011252 Pickering, Q. H. CHRONIC TOXICITY OF HEXAVALENT CHROMIUM TO THE FATHEAD MINNOW (*PIMEPHALES PROMELAS*). *Arch. Environ. Contam. Toxicol.* 9(4):405-413. 1980. SFA 25(3)

71-011253 Pierce, R. H., Jr. FATE AND IMPACT OF PENTACHLOROPHENOL IN A FRESHWATER ECOSYSTEM. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-063. xi + 62p. July 1978. SFA 24(4)

71-011254 Piron, R. D. BREEDING THE CONVICT CICHLID (/CICHLASOMA NIGROFASCIATUM/) FOR USE IN LABORATORY FISH TOXICITY TESTS. *J. Fish Biol.* 13 (1): 119-122. July 1978. SFA 23(4)

71-011255 Pittinger, C. A. and D. S. Tennant. CRITICAL SURFACE TENSION OF SODIUM LAURAL SULFATE TO THE FATHEAD MINNOW, *PIMEPHALES PROMELAS*. *J. Tenn. Acad. Sci.* 55(2):54. Apr. 1980. Abstract only. SFA 25(2)

71-011256 Plack, P. A.; Skinner, E. R.; Rogie, A. and Mitchell, A. I. DISTRIBUTION OF DDT BETWEEN THE LIPOPROTEINS OF TROUT SERUM. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62 (1): 119-125. 1979. SFA 24(2)

71-011257 Plumb, J. A. and Richburg, R. W. PESTICIDE LEVELS IN SERA OF MORIBUND CHANNEL CATFISH FROM A CONTINUOUS WINTER MORTALITY. *Trans. Am. Fish. Soc.* 106 (2): 185-188. Mar. 1977. SFA 22(3)

71-011258 Post, G. CARBONIC ACID ANESTHESIA FOR AQUATIC ORGANISMS. *Prog. Fish-Cult.* 41(3):142-144. July 1979. SFA 25(1)

71-011259 Prabhu, N. V. and Hamdy, M. K. BEHAVIOR OF MERCURY IN BIOSYSTEMS I. UPTAKE AND CONCENTRATION IN FOOD-CHAIN. *Bull. Environ. Contam. Toxicol.* 18 (4): 409-417. Oct. 1977. SFA 23(1)

71-011260 Prater, B. L. and Anderson, M. A. A 96-HOUR SEDIMENT BIOASSAY OF DULUTH AND SUPERIOR HARBOR BASINS (MINNESOTA) USING /HEXAGENIA LIMBATA/, /ASELLUS COMMUNIS/, /DAPHNIA MAGNA/, AND /PIMEPHALES PROMELAS/ AS TEST ORGANISMS. *Bull. Environ. Contam. Toxicol.* 18 (2): 159-169. Aug. 1977. SFA 22(4)

71-011261 Prentice, J. A.; Durocher, P. P. and Pritchard, D. L. EVALUATION OF ANHYDROUS AMMONIA FOR FISHERY MANAGEMENT USES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:88-98. 1976[1978]. SFA 24(1)

71-011262 Price, N. R. DISRUPTION OF EXCITATION-CONTRACTION COUPLING BY ORGANIC INSECTICIDES. MODE OF ACTION IN THE MUSCLE OF THE FLOUNDER, /PLATICHTHYS FLESUS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 59(2):127-133. 1978. SFA 23(3)

71-011263 Prouse, N. J.; Gordon, D. C., Jr. and Keizer, P. D. EFFECTS OF LOW CONCENTRATIONS OF OIL ACCOMMODATED IN SEA WATER ON THE GROWTH OF UNIALGAL MARINE PHYTOPLANKTON CULTURES. *J. Fish. Res. Board Can.* 33 (4,1): 810-818. Apr. 1976. In English with French summ. SFA 21(2).

71-011264 Pruitt, G. W.; Grantham, B. J. and Pierce, R. H., Jr. ACCUMULATION AND ELIMINATION OF PENTACHLOROPHENOL BY THE BLUEGILL, /LEPOMIS MACROCHIRUS/. *Trans. Am. Fish. Soc.* 106 (5): 462-465. Sept. 1977. SFA 23(1)

71-011265 Rand, G. M. THE EFFECT OF EXPOSURE TO A SUBACUTE CONCENTRATION OF PARATHION ON THE LOCOMOTOR BEHAVIOR OF SEVERAL FRESHWATER FISH. *Ph. D. dissertation, Texas A&M Univ.* 118p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-011266 Rand, G. M. THE EFFECT OF EXPOSURE TO A SUBACUTE CONCENTRATION OF PARATHION ON THE GENERAL LOCOMOTOR BEHAVIOR OF THE GOLDFISH. *Bull. Environ. Contam. Toxicol.* 18(2):259-266. Aug. 1977.

71-011267 Rand, G.; Kleerekoper, H. and Matis, J. INTERACTION OF ODOUR AND FLOW PERCEPTION AND THE EFFECTS OF PARATHION IN THE LOCOMOTOR ORIENTATION OF THE GOLDFISH /CARASSIUS AURATUS/ L. *J. Fish Biol.* 7 (4): 497-504. July 1975. SFA 22(2)

71-011268 Randall, W. F.; Dennis, W. H. and Warner, M. C. ACUTE TOXICITY OF DECHLORINATED DDT, CHLORDANE AND LINDANE TO BLUEGILL (/LEPOMIS MACROCHIRUS/) AND /DAPHNIA MAGNA/. *Bull. Environ. Contam. Toxicol.* 21 (6): 849-854. Apr. 1979. SFA 24(3)

71-011269 Rao, D. M. R.; A. P. Devi and A. S. Murty. RELATIVE TOXICITY OF ENDOSULFAN, ITS ISOMERS, AND FORMULATED PRODUCTS TO THE FRESHWATER FISH *LABEO ROHITA*. *J. Toxicol. Environ. Health* 6(4):825-834. July 1980. SFA 25(4)

71-011270 Rao, K. S. and Dad, N. K. STUDIES OF HERBICIDE TOXICITY IN SOME FRESHWATER FISHES AND ECTOPROCTA. *J. Fish Biol.* 14 (6): 517-522. June 1979. SFA 24(4)

71-011271 Ray, S. BIOACCUMULATION OF LEAD IN ATLANTIC SALMON (/SALMO SALAR/). *Bull. Environ. Contam. Toxicol.* 19 (5): 631-636. May 1978. SFA 23(3)

71-011272 Redner, B. D. and Stickney, R. R. ACCLIMATION TO AMMONIA BY /TILAPIA AUREA/. *Trans. Am. Fish. Soc.* 108(4):383-388. July 1979. SFA 25(1)

71-011273 Redner, B. D.; J. R. Tomasso and B. A. Simco. SHORT TERM ALLEVIATION OF AMMONIA TOXICITY BY ENVIRONMENTAL SODIUM CHLORIDE IN CHANNEL CATFISH (*ICTALURUS PUNCTATUS*). *J. Tenn. Acad. Sci.* 55(2):54. Apr. 1980. Abstract only. SFA 25(2)

71-011274 Rehwoldt, R. and Karimian-Teherani, D. UPTAKE AND EFFECT OF CADMIUM ON ZEBRAFISH. *Bull. Environ. Contam. Toxicol.* 15 (4): 442-446. Apr. 1976. SFA 21(4)

71-011275 Reiff, B.; Lloyd, R.; How, M. J.; Brown, D. and Alabaster, J. S. THE ACUTE TOXICITY OF ELEVEN DETERGENTS TO FISH: RESULTS OF AN INTERLABORATORY EXERCISE. *Water Res.* 13 (2): 207-210. 1979. SFA 24(2)

71-011276 Reinbold, K. A. EFFECTS OF THE SYNERGIST PIPERONYL BUTOXIDE ON TOXICITY AND METABOLISM OF PESTICIDES IN GREEN SUNFISH (/LEPOMIS CYANELLUS/ RAFINESQUE). *Ph.D. dissertation, Univ. Ill.* 85p. 1974. From Diss. Abstr. Int. B Sci. Eng. 35(11), 1975. SFA 21(1).

71-011277 Reinert, R. E.; Stone, L. J. and Bergman, H. L. DIELDRIN AND DDT: ACCUMULATION FROM WATER AND FOOD BY LAKE TROUT (/SALVELINUS NAMAYCUSH/) IN THE LABORATORY. *Proc. Conf. Great Lakes Res.* 17:P52-58. 1974. SFA 22(4)

71-011278 Rice, D. W., Jr. and Harrison, F. L. COPPER SENSITIVITY OF PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/, DURING ITS EARLY LIFE HISTORY. *NOAA Fish. Bull.* 76 (2): 347-356. Apr. 1978. SFA 23(4)

71-011279 Richardson, L. B.; Burton, D. T.; Margrey, S. L. and Rosenkranz, A. EGG AND PROLARVAL DEVELOPMENT OF STRIPED BASS, /MORONE SAXATILIS/ (WALBAUM), EXPOSED TO OZONE PRODUCED OXIDANTS IN FRESH AND ESTUARINE WATER. *ASB (Assoc. Southeast. Biol.) Bull.* 25 (2): 40. Apr. 1978. SFA 23(4)

71-011280 Richey, D. ACUTE TOXICITY OF COPPER TO SOME FISHES IN HIGH ALKALINITY WATER. *Ill. State Water Surv. Circ.* 131. 24p. 1978. SFA 24(4)

71-011281 Roald, S. O. EFFECTS OF SUBLETHAL CONCENTRATIONS OF LIGNOSULPHONATES ON GROWTH, INTESTINAL FLORA AND SOME DIGESTIVE ENZYMES OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Aquaculture* 12 (4): 327-335. Dec. 1977. SFA 23(2)

71-011282 Roales, R. R. and A. Perlmutter. METHYLMERCURY/COPPER EFFECTS ON HEMOSIDERIN: POSSIBLE MECHANISM OF IMMUNE SUPPRESSION IN FISH. *Bull. Environ. Contam. Toxicol.* 24(5):704-710. May 1980. SFA 25(3)

71-011283 Roales, R. R. and Perlmutter, A. THE EFFECTS OF SUB-LETHAL DOSES OF METHYLMERCURY AND COPPER, APPLIED SINGLY AND JOINTLY, ON THE IMMUNE RESPONSE OF THE BLUE GOURAMI (/TRICHOGASTER TRICHOPTERUS/) TO VIRAL AND BACTERIAL ANTIGENS. *Arch. Environ. Contam. Toxicol.* 5 (3): 325-331. 1977. SFA 22(3)

71-011284 Roberts, J. R.; deFrietas, A. S. W. and Gidney, M. A. J. INFLUENCE OF LIPID POOL SIZE ON BIOACCUMULATION OF THE INSECTICIDE CHLORDANE BY NORTHERN REDHORSE SUCKERS (/MOXOSTOMA MACROLEPIDOTUM/). *J. Fish. Res. Board Can.* 34 (1): 89-97. Jan. 1977. In English with French summ. SFA 22(2)

71-011285 Robertson, T.; Waugh, G. D. and Mol, J. C. M. MERCURY LEVELS IN NEW ZEALAND SNAPPER /CHRYSOPHRYS AURATUS/. *N.Z. J. Mar. Freshwater Res.* 9(3):265-272. Sept. 1975. SFA 21(1).

71-011286 Robinette, H. R. EFFECT OF SELECTED SUBLETHAL LEVELS OF AMMONIA ON THE GROWTH OF CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *Prog. Fish-Cult.* 38(1):26-29. Jan. 1976. SFA 21(1).

71-011287 Robinson, G. D.; Dunson, W. A.; Wright, J. E. and Mamolito, G. E. DIFFERENCES IN LOW PH TOLERANCE AMONG STRAINS OF BROOK TROUT (/SALVELINUS FONTINALIS/). *J. Fish Biol.* 8 (1): 5-17. Jan. 1976. SFA 22(1)

71-011288 Roch, M. and Maly, E. J. RELATIONSHIP OF CADMIUM-INDUCED HYPOCALCEMIA WITH MORTALITY IN RAINBOW TROUT (/SALMO GAIRDNERI/) AND THE INFLUENCE OF TEMPERATURE ON TOXICITY. *J. Fish. Res. Board Can.* 36(11):1297-1303. Nov. 1979. In English with French summ. SFA 25(1)

71-011289 Rosage, T. F.; Rapp, K. M. and Schutsky, R. M. TOXICITY OF UN-IONIZED AMMONIA TO THE SPOTFIN SHINER (/NOTROPIS SPILOPTERUS/). *Proc. Pa. Acad. Sci.* 53(1):39-42. 1979. SFA 25(1)

71-011290 Roseboom, D. P. and Richey, D. L. ACUTE TOXICITY OF RESIDUAL CHLORINE ON BLUEGILL AND CHANNEL CATFISH IN ILLINOIS. *Trans. Ill. State Acad. Sci.* 69 (4): 385-398. Sept. 1977. SFA 23(3)

71-011291 Roseboom, D. P. and Richey, D. L. ACUTE TOXICITY OF RESIDUAL CHLORINE AND AMMONIA TO SOME NATIVE ILLINOIS FISHES. *Ill. State Water Surv. Rep. Invest.* 85. 42p. 1977. SFA 23(3)

71-011292 Rosenberg, D. M. and Wiens, A. P. COMMUNITY AND SPECIES RESPONSES OF CHIRONOMIDAE (DIPTERA) TO CONTAMINATION OF FRESH WATERS BY CRUDE OIL AND PETROLEUM PRODUCTS, WITH SPECIAL REFERENCE TO THE TRAIL RIVER, NORTHWEST TERRITORIES. *J. Fish. Res. Board Can.* 33 (9): 1955-1963. Sept. 1976. In English with French summ. SFA 21(3).

71-011293 Rosenkranz, A.; Richardson, L. B. and Burton, D. T. THE TOXICITY OF OZONE PRODUCED OXIDANTS TO ADULT WHITE PERCH, /MORONE AMERICANA/ (GMELIN). *ASB (Assoc. Southeast. Biol.) Bull.* 25 (2): 42. Apr. 1978. SFA 23(4)

71-011294 Rosenthal, H. and Alderdice, D. F. SUBLETHAL EFFECTS OF ENVIRONMENTAL STRESSORS, NATURAL AND POLLUTIONAL, ON MARINE FISH EGGS AND LARVAE. *J. Fish. Res. Board Can.* 33 (9): 2047-2065. Sept. 1976. In English with French summ. 21(3).

71-011295 Ross, L. G. and Geddes, J. A. SEDATION OF WARM-WATER FISH SPECIES IN AQUACULTURE RESEARCH. *Aquaculture* 16(2):183-186. Feb. 1979. SFA 24(3)

71-011296 Roubal, W. T.; Stranahan, S. I. and Malins, D. C. THE ACCUMULATION OF LOW MOLECULAR WEIGHT AROMATIC HYDROCARBONS OF CRUDE OIL BY COHO SALMON (/ONCORHYNCHUS KISUTCH/) AND STARRY FLOUNDER (/PLATICHTHYS STELLATUS/). *Arch. Environ. Contam. Toxicol.* 7 (2): 237-244. 1978. SFA 23(3)

71-011297 Roubal, W. T.; Collier, T. K. and Malins, D. C. ACCUMULATION AND METABOLISM OF CARBON-14 LABELED BENZENE, NAPHTHALENE, AND ANTHRACENE BY YOUNG COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Arch. Environ. Contam. Toxicol.* 5 (4): 513-529. 1977. SFA 22(4)

71-011298 Ruby, S. M.; Aczel, J. and Craig, G. R. THE EFFECTS OF DEPRESSED PH ON OOGENESIS IN FLAGFISH /JORDANELLA FLORIDAE/. *Water Res.* 11 (9): 757-762. 1977. SFA 23(1)

71-011299 Ruby, S. M.; Aczel, J. and Craig, G. R. THE EFFECTS OF DEPRESSED PH ON SPERMATOGENESIS IN FLAGFISH /JORDANELLA FLORIDAE/. *Water Res.* 12 (8): 621-626. 1978. SFA 24(1)

71-011300 Ruby, S. M.; Dixon, D. G. and Leduc, G. INHIBITION OF SPERMATOGENESIS IN RAINBOW TROUT DURING CHRONIC CYANIDE POISONING. *Arch. Environ. Contam. Toxicol.* 8 (5): 533-544. 1979. SFA 24(4)

71-011301 Runn, P.; Johansson, N. and Milbrink, G. SOME EFFECTS OF LOW PH ON THE HATCHABILITY OF EGGS OF PERCH, /PERCA FLUVIATILIS/ L. *Zoon* 5 (2): 115-125. 1977. SFA 24(2)

71-011302 Sahib, I. K. A. and K. V. R. Rao. TOXICITY OF MALATHION TO THE FRESHWATER FISH *TILAPIA MOSSAMBICA*. *Bull. Environ. Contam. Toxicol.* 24(6):870-874. June 1980. SFA 25(4)

71-011303 Sahib, I. K. A. and K. V. R. Rao. CORRELATION BETWEEN SUBACUTE TOXICITY OF MALATHION AND ACETYLCHLOINESTERASE INHIBITION IN THE TISSUES OF THE TELEOST *TILAPIA MOSSAMBICA*. *Bull. Environ. Contam. Toxicol.* 24(5):711-718. May 1980. SFA 25(3)

71-011304 Samoiloff, M. R.; S. Schulz; Y. Jordan; K. Denich and E. Arnott. A RAPID SIMPLE LONG-TERM TOXICITY ASSAY FOR AQUATIC CONTAMINANTS USING THE NEMATODE *PANAGRELLUS REDIVIVUS*. *Can. J. Fish. Aquatic Sci.* 37(7):1167-1174. July 1980. SFA 25(4)

71-011305 Sandhu, S. S. STUDY ON THE POST-MORTEM IDENTIFICATION OF POLLUTANTS IN THE FISH KILLED BY WATER POLLUTION: DETECTION OF ARSENIC. *Bull. Environ. Contam. Toxicol.* 17 (3): 373-378. Mar. 1977. SFA 22(3)

71-011306 Sangalang, G. B. and Freeman, H. C. TISSUE UPTAKE OF CADMIUM IN BROOK TROUT DURING CHRONIC SUBLETHAL EXPOSURE. *Arch. Environ. Contam. Toxicol.* 8 (1): 77-84. 1979. SFA 24(3)

71-011307 Sargent, J. R.; M. V. Bell; K. F. Kelly; A. Johnstone; A. Hawkins and C. D. Hall. SODIUM ORTHOVANADATE AND CARDIAC ACTIVITY IN TELEOST FISH. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 66(1):111-114. 1980. SFA 25(3)

71-011308 Sarot, D. A. and Perlmutter, A. THE TOXICITY OF ZINC TO THE IMMUNE RESPONSE OF THE ZEBRAFISH, /BRACHYDANIO RERIO/, INJECTED WITH VIRAL AND BACTERIAL ANTIGENS. *Trans. Am. Fish. Soc.* 105(3):456-459. May 1976. SFA 21(3).

71-011309 Sastry, K. V. and Gupta, P. K. THE EFFECT OF CADMIUM ON THE DIGESTIVE SYSTEM OF THE TELEOST FISH, /HETEROPNEUSTES FOSSILIS/. *Environ. Res.* 19 (2): 221-230. Aug. 1979. SFA 24(4)

71-011310 Sastry, K. V. and K. Sharma. DIAZINON EFFECT ON THE ACTIVITIES OF BRAIN ENZYMES FROM *OPHIOCEPHALUS (CHANNA) PUNCTATUS*. *Bull. Environ. Contam. Toxicol.* 24(3):326-332. Mar. 1980. SFA 25(2)

71-011311 Sastry, K. V. and P. K. Gupta. CHANGES IN THE ACTIVITIES OF SOME DIGESTIVE ENZYMES OF *CHANNA PUNCTATUS*, EXPOSED CHRONICALLY TO MERCURIC CHLORIDE. *J. Environ. Sci. Health B Pestic. Food Contam. Agric. Wastes (Marcel Dekker, Inc., N.Y.)* 15(1):109-119. 1980. SFA 25(2)

71-011312 Sastry, K. V. and K. Sharma. EFFECTS OF MERCURIC CHLORIDE ON THE ACTIVITIES OF BRAIN ENZYMES IN A FRESH WATER TELEOST, *OPHIOCEPHALUS (CHANNA) PUNCTATUS*. *Arch. Environ. Contam. Toxicol.* 9(4):425-430. 1980. SFA 25(3)

71-011313 Sastry, K. V. and Gupta, P. K. EFFECT OF MERCURIC CHLORIDE ON THE DIGESTIVE SYSTEM OF /CHANNA PUNCTATUS/: A HISTOPATHOLOGICAL STUDY. *Environ. Res.* 16 (1-3): 270-278. July 1978. SFA 23(4)

71-011314 Sastry, K. V. and Gupta, P. K. ALTERATIONS IN THE ACTIVITY OF SOME DIGESTIVE ENZYMES OF /CHANNA PUNCTATUS/, EXPOSED TO LEAD NITRATE. *Bull. Environ. Contam. Toxicol.* 19 (5): 549-555. May 1978. SFA 23(3)

71-011315 Sastry, K. V. and Gupta, P. K. ALTERATION IN THE ACTIVITIES OF THREE PEPTIDASES AND LIPASE IN THE DIGESTIVE SYSTEM OF THE FISH /CHANNA PUNCTATUS/ EXPOSED TO LEAD NITRATE. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 190-195. Jan. 1979. SFA 24(2)

71-011316 Sastry, K. V. and Sharma, S. K. /IN VIVO/ EFFECTS OF ENDRIN ON THREE PHOSPHATASES IN KIDNEY AND LIVER OF THE FISH /OPHIOCEPHALUS PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 185-189. Jan. 1979. SFA 24(2)

71-011317 Sastry, K. V. and Gupta, P. K. CHRONIC MERCURIC CHLORIDE INTOXICATION IN DIGESTIVE SYSTEM OF /CHANNA PUNCTATUS/. *J. Toxicol. Environ. Health* 4 (5/6): 777-783. Sept.-Nov. 1978. SFA 24(2)

71-011318 Sastry, K. V. and Gupta, P. K. HISTOPATHOLOGICAL AND ENZYMOLOGICAL STUDIES ON THE EFFECTS OF CHRONIC LEAD NITRATE INTOXICATION IN THE DIGESTIVE SYSTEM OF A FRESHWATER TELEOST, /CHANNA PUNCTATUS/. *Environ. Res.* 17 (3): 472-479. Dec. 1978. SFA 24(2)

71-011319 Sastry, K. V. and Gupta, P. K. CHRONIC MERCURIC CHLORIDE INTOXICATION IN THE DIGESTIVE SYSTEM OF /CHANNA PUNCTATUS/. *J. Environ. Pathol. Toxicol.* 2 (2): 443-446. Nov.-Dec. 1978. SFA 24(2)

71-011320 Sastry, K. V. and Sharma, S. K. THE EFFECT OF /IN VIVO/ EXPOSURE OF ENDRIN ON THE ACTIVITIES OF ACID, ALKALINE AND GLUCOSE-6-PHOSPHATASES IN LIVER AND KIDNEY OF /OPHIOCEPHALUS (CHANNA) PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 20 (4): 456-460. Oct. 1978. SFA 24(1)

71-011321 Sastry, K. V. and Sharma, S. K. THE EFFECT OF ENDRIN ON THE HISTOPATHOLOGICAL CHANGES IN THE LIVER OF /CHANNA PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 20 (5): 674-677. Nov. 1978. SFA 24(1)

71-011322 Sastry, K. V. and Gupta, P. K. EFFECT OF MERCURIC CHLORIDE ON THE DIGESTIVE SYSTEM OF A TELEOST FISH, /CHANNA PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 20 (3): 353-360. Sept. 1978. SFA 24(1)

71-011323 Sastry, K. V. and Malik, P. V. STUDIES ON THE EFFECT OF DIMECRON ON THE DIGESTIVE SYSTEM OF A FRESH WATER FISH, /CHANNA PUNCTATUS/. *Arch. Environ. Contam. Toxicol.* 8 (4): 397-407. 1979. SFA 24(4)

71-011324 Sastry, K. V. and Sharma, S. K. ENDRIN TOXICOSIS ON FEW ENZYMES IN LIVER AND KIDNEY OF /CHANNA PUNCTATUS/ (BLOCH). *Bull. Environ. Contam. Toxicol.* 22 (1-2): 4-8. May 1979. SFA 24(3)

71-011325 Sastry, K. V. and Agrawal, M. K. MERCURIC CHLORIDE INDUCED ENZYMOLOGICAL CHANGES IN KIDNEY AND OVARY OF A TELEOST FISH, /CHANNA PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 38-43. May 1979. SFA 24(3)

71-011326 Sastry, K. V. and Agrawal, M. K. EFFECTS OF LEAD NITRATE ON THE ACTIVITIES OF A FEW ENZYMES IN THE KIDNEY AND OVARY OF /HETEROPNEUSTES FOSSILIS/. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 55-59. May 1979. SFA 24(3)

71-011327 Sastry, K. V. and Gupta, P. K. THE /IN VIVO/ EFFECT OF MERCURIC CHLORIDE ON SOME DIGESTIVE ENZYMES OF A FRESH WATER TELEOST FISH, /CHANNA PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 9-16. May 1979. SFA 24(3)

71-011328 Sastry, K. V.; Gupta, P. K. and Malik, P. V. A COMPARATIVE STUDY OF THE EFFECT OF ACUTE AND CHRONIC MERCURIC CHLORIDE TREATMENT ON THE ACTIVITIES OF A FEW DIGESTIVE ENZYMES OF A TELEOST FISH, /CHANNA PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 28-34. May 1979. SFA 24(3)

71-011329 Satake, N. TASK-SPECIFICITY OF THE BLOCKING ACTION OF PUROMYCIN ON RETENTION IN GOLDFISH. *Physiol. Behav.* 21 (6): 855-858. Dec. 1978. SFA 24(2)

71-011330 Sauter, S.; Buxton, K. S.; Macek, K. J. and Petrocelli, S. R. EFFECTS OF EXPOSURE TO HEAVY METALS ON SELECTED FRESHWATER FISH. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-105. x + 75p. Oct. 1976. SFA 23(2)

71-011331 Saward, D.; Stirling, A. and Topping, G. EXPERIMENTAL STUDIES ON THE EFFECTS OF COPPER ON A MARINE FOOD CHAIN. *Mar. Biol.* 29 (4): 351-361. 10 Apr. 1975. SFA 22(2)

71-011332 Saxena, R. and Tyagi, A. P. EFFECT OF MERCURIC CHLORIDE ON THE PHOSPHATASES IN THE ACCESSORY RESPIRATORY ORGANS OF /CLARIAS BATRACHUS/. *Hydrobiologia* 63 (3): 209-211. 27 Apr. 1979. SFA 24(4)

71-011333 Schaefer, C. H.; Dupras, E. F., Jr.; Stewart, R. J.; Davidson, L. W. and Colwell, A. E. THE ACCUMULATION AND ELIMINATION OF DIFLUBENZURON BY FISH. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 249-254. Jan. 1979. SFA 24(2)

71-011334 Schafer, E. W., Jr. and Marking, L. L. LONG-TERM EFFECTS OF 4-AMINOPYRIDINE EXPOSURE TO BIRDS AND FISH. *J. Wildl. Manage.* 39 (4): 807-811. Oct. 1975. SFA 22(2)

71-011335 Scheier, A. and Gominger, D. A PRELIMINARY STUDY OF THE TOXIC EFFECTS OF IRRADIATED VS. NON-IRRADIATED WATER SOLUBLE FRACTIONS OF NO. 2 FUEL OIL. *Bull. Environ. Contam. Toxicol.* 16 (5): 595-603. Nov. 1976. SFA 22(3)

71-011336 Scheir, A.; Connell, W. and Gominger, H. D. A BIOASSAY LABORATORY BOAT WITH COMPARISONS OF CENTRAL VS. BOAT LABORATORY BIOASSAY EVALUATIONS. *Water Resour. Bull.* 15 (1): 75-87. Feb. 1979. SFA 24(2)

71-011337 Scherer, E. AVOIDANCE OF FENITROTHION BY GOLDFISH (/CARASSIUS AURATUS/). *Bull. Environ. Contam. Toxicol.* 13 (4): 492-496. Apr. 1975. SFA 21(4)

71-011338 Schimmel, S. C. and Hansen, D. J. SHEEPSHEAD MINNOW (/CYPRINODON VARIEGATUS/): AN ESTUARINE FISH SUITABLE FOR CHRONIC (ENTIRE LIFE-CYCLE) BIOASSAYS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 392-398. 1975. SFA 21(3).

71-011339 Schimmel, S. C.; Parrish, P. R.; Hansen, D. J.; Patrick, J. M., Jr. and Forester, J. ENDRIN: EFFECTS ON SEVERAL ESTUARINE ORGANISMS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 187-194. 1975. SFA 21(3).

71-011340 Schimmel, S. C.; Patrick, J. M., Jr. and Forester, J. TOXICITY AND BIOCONCENTRATION OF BHC AND LINDANE IN SELECTED ESTUARINE ANIMALS. *Arch. Environ. Contam. Toxicol.* 6 (2/3): 355-363. 1977. SFA 23(1)

71-011341 Schimmel, S. C. and Wilson, A. J., Jr. ACUTE TOXICITY OF KEPONE TO FOUR ESTUARINE ANIMALS. *Chesapeake Sci.* 18 (2): 224-227. June 1977. SFA 22(3)

71-011342 Schneider, M. J.; Genoway, R. G.; Connors, T. J. and Barraclough, S. A. TRAP TANK FOR NONTRAUMATIC SERIAL SAMPLING OF FISH STOCKS IN PHYSIOLOGICAL STUDIES. *Prog. Fish-Cult.* 39 (3): 135-138. July 1977. SFA 22(4)

71-011343 Schneider, S. R.; J. D. Hendricks; G. H. Constantine, Jr. and R. E. Larson. TOBRAMYCIN NEPHROTOXICITY AND LETHALITY IN COHO SALMON. *Toxicol. Appl. Pharmacol.* 54(3):399-404. July 1980. SFA 25(3)

71-011344 Schnell, J. V.; E. H. Gruger, Jr. and D. C. Malins. MONO-OXYGENASE ACTIVITIES OF COHO SALMON (*ONCORHYNCHUS KISUTCH*) LIVER MICROSOMES USING THREE POLYCYCLIC AROMATIC HYDROCARBON SUBSTRATES. *Xenobiotica* 10(3):229-234. Mar. 1980. SFA 25(3)

71-011345 Schnick, R. A. and Meyer, F. P. REGISTRATION OF THIRTY-THREE FISHERY CHEMICALS: STATUS OF RESEARCH AND ESTIMATED COSTS OF REQUIRED CONTRACT STUDIES. *U.S. Fish Wildl. Serv. Invest. Fish Control* 86. 19p. 1978. SFA 24(1)

71-011346 Schnick, R. A.; Meyer, F. P. and Van Meter, H. D. ANNOUNCEMENT OF COMPOUNDS REGISTERED FOR FISHERY USES. *Prog. Fish-Cult.* 41(1):36-37. Jan. 1979. SFA 24(2)

71-011347 Schreck, C. B. and Lorz, H. W. STRESS RESPONSE OF COHO SALMON (/ONCORHYNCHUS KISUTCH/) ELICITED BY CADMIUM AND COPPER AND POTENTIAL USE OF CORTISOL AS AN INDICATOR OF STRESS. *J. Fish. Res. Board Can.* 35 (8): 1124-1129. Aug. 1978. In English with French summ. SFA 23(4)

71-011348 Schreck, C. B. and Brouha, P. DISSOLVED OXYGEN DEPLETION IN STATIC BIOASSAY SYSTEMS. *Bull. Environ. Contam. Toxicol.* 14 (2): 149-152. Aug. 1975. SFA 21(4)

71-011349 Schubauer, J. P.; C. L. Scott; K. T. Kowalski and J. R. Spotila. EFFECT OF TETRACYCLINE HYDROCHLORIDE TREATMENT ON THE CRITICAL THERMAL MAXIMUM OF COMMON SHINERS. *Prog. Fish-Cult.* 42(1):48-49. Jan. 1980. SFA 25(2)

71-011350 Schultz, T. W.; Davis, S. and Dumont, J. N. TOXICITY OF COAL-CONVERSION GASIFIER CONDENSATE TO THE FATHEAD MINNOW. *Bull. Environ. Contam. Toxicol.* 19(2):237-243. Feb. 1978. SFA 23(3)

71-011351 Seegert, G. L. and Brooks, A. S. THE EFFECTS OF INTERMITTENT CHLORINATION ON COHO SALMON, ALEWIFE, SPOTTAIL SHINER, AND RAINBOW SMELT. *Trans. Am. Fish. Soc.* 107 (2): 346-353. Mar. 1978. SFA 23(3)

71-011352 Sergeant, D. B. and Zitko, V. THE DETERMINATION OF TRICHLORFON, DICHLORVOS, FENITROTHION AND PHOSPHAMIDON IN WATER. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 886. iii + 12p. June 1979. In English with French summ. SFA 25(1)

71-011353 Serns, S. L. EFFECTS OF DIPOTASSIUM ENDOTHALL ON ROOTED AQUATICS AND ADULT AND FIRST GENERATION BLUEGILLS. *Water Resour. Bull.* 13 (1): 71-80. Feb. 1977. SFA 23(2)

71-011354 Serns, S. L. THE EFFECTS OF DIPOTASSIUM ENDOTHALL ON THE ZOOPLANKTON AND WATER QUALITY OF A SMALL POND. *Water Resour. Bull.* 11 (6): 1221-1231. Dec. 1975. SFA 23(2)

71-011355 Servizi, J. A. and Martens, D. W. EFFECTS OF SELECTED HEAVY METALS ON EARLY LIFE OF SOCKEYE AND PINK SALMON. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 39. 26p. 1978. SFA 24(1)

71-011356 Servizi, J. A.; Gordon, R. W.; Rogers, I. H. and Mahood, H. W. CHEMICAL CHARACTERISTICS AND ACUTE TOXICITY OF FOAM ON TWO AERATED LAGOONS. *J. Fish. Res. Board Can.* 33 (6): 1284-1290. June 1976. In English with French summ. SFA 21(2).

71-011357 Shaffi, S. A. ZINC INTOXICATION IN SOME FRESHWATER FISHES. I. VARIATIONS IN TISSUE ENERGY RESERVE. *Ann. Limnol.* 16(1):91-97. 1980. In English with French summ. SFA 25(4)

71-011358 Shannon, L. R. EQUILIBRIUM BETWEEN UPTAKE AND ELIMINATION OF DIELDRIN BY CHANNEL CATFISH, /ICTALURUS PUNCTATUS/. *Bull. Environ. Contam. Toxicol.* 17 (3): 278-283. Mar. 1977. SFA 22(3)

71-011359 Sharma, S. K. and Sastry, K. V. ALTERATION IN ENZYME ACTIVITIES IN LIVER AND KIDNEY OF /CHANNA PUNCTATUS/ EXPOSED TO ENDRIN. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 17-20. May 1979. SFA 24(3)

71-011360 Sharma, S. K.; Chaturvedi, L. D. and Sastry, K. V. ACUTE ENDRIN TOXICITY ON OXIDASES OF /OPHIOCEPHALUS PUNCTATUS/ (BLOCH). *Bull. Environ. Contam. Toxicol.* 23(1/2):153-157. Sept. 1979. SFA 25(1)

71-011361 Sharp, J. R. THE EFFECTS OF MERCURIC CHLORIDE AND METHYLMERCURIC CHLORIDE ON THE DEVELOPMENTAL BIOLOGY OF THE ESTUARINE TELEOST *FUNDULUS HETEROCLITUS* (WALBAUM). *Ph.D. dissertation, Tex. A&M Univ.* 242p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5512. June 1980. SFA 25(3)

71-011362 Shephard, K. and Simkiss, K. THE EFFECTS OF HEAVY METAL IONS ON CA^{2}+ ATPASE EXTRACTED FROM FISH GILLS. *Comp. Biochem. Physiol. B Comp. Biochem.* 61(1):69-72. 1978. SFA 24(1)

71-011363 Shrivastava, R. S. and Dwivedi, P. STUDIES ON THE EFFECTS OF ACIDIC MEDIUM ON THE FRY OF /CYPRINUS CARPIO/. *Acta Hydrochim. Hydrobiol.* 7(4):421-430. 1979. SFA 25(1)

71-011364 Shultz, C. D. and Ito, B. M. MERCURY AND SELENIUM IN BLUE MARLIN, /MAKAIRA NIGRICANS/, FROM THE HAWAIIAN ISLANDS. *NOAA Fish. Bull.* 76 (4): 872-879. 1979. SFA 24(2)

71-011365 Shultz, C. D. and Crear, D. THE DISTRIBUTION OF TOTAL AND ORGANIC MERCURY IN SEVEN TISSUES OF THE PACIFIC BLUE MARLIN, /MAKAIRA NIGRICANS/. *Pac. Sci.* 30 (2): 101-107. Apr. 1976. SFA 22(3)

71-011366 Sigmon, C. F.; Kania, H. J. and Beyers, R. J. REDUCTIONS IN BIOMASS AND DIVERSITY RESULTING FROM EXPOSURE TO MERCURY IN ARTIFICIAL STREAMS. *J. Fish. Res. Board Can.* 34 (4): 493-500. Apr. 1977. In English with French summ. SFA 22(3)

71-011367 Sigmon, C. OXYGEN CONSUMPTION IN /LEPOMIS MACROCHIRUS/ EXPOSED TO 2,4-D OR 2,4,5-T. *Bull. Environ. Contam. Toxicol.* 21 (6): 826-830. Apr. 1979. SFA 24(3)

71-011368 Sills, J. B. and Allen, J. L. RESIDUES OF FORMALDEHYDE UNDETECTED IN FISH EXPOSED TO FORMALIN. *Prog. Fish-Cult.* 41 (2): 67-68. Apr. 1979. SFA 24(3)

71-011369 Simonin, H. A. and Skea, J. C. TOXICITY OF DIQUAT AND CUTRINE TO FINGERLING BROWN TROUT. *N.Y. Fish Game J.* 24 (1): 37-45. Jan. 1977. SFA 22(2)

71-011370 Sims, G. G.; Cosham, C. E.; Campbell, J. R. and Murray, M. C. DDT RESIDUES IN COD LIVERS FROM THE MARITIME PROVINCES OF CANADA. *Bull. Environ. Contam. Toxicol.* 14 (4): 505-512. Oct. 1975. SFA 21(4)

71-011371 Singh, H. and T. P. Singh. THYROID ACTIVITY AND TSH POTENCY OF THE PITUITARY GLAND AND BLOOD SERUM IN RESPONSE TO CYTHION AND HEXADRIN TREATMENT IN THE FRESHWATER CATFISH, *HETEROPNEUSTES FOSSILIS* (BLOCH). *Environ. Res.* 22(1):184-189. June 1980. SFA 25(3)

71-011372 Singh, H. and T. P. Singh. EFFECT OF TWO PESTICIDES ON OVARIAN P UPTAKE AND GONADOTROPHIN CONCENTRATION DURING DIFFERENT PHASES OF ANNUAL REPRODUCTIVE CYCLE IN THE FRESHWATER CATFISH, *HETEROPNEUSTES FOSSILIS* (BLOCH). *Environ. Res.* 22(1):190-200. June 1980. SFA 25(3)

71-011373 Sitthichaikasem, S. SOME TOXICOLOGICAL EFFECTS OF PHOSPHATE ESTERS ON RAINBOW TROUT AND BLUEGILL. *Ph.D. dissertation, Iowa State Univ.* 272p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(2):538. Aug. 1978. SFA 24(3)

71-011374 Sivarajah, K.; Williams, W. P. and Franklin, C. S. SOME STUDIES ON THE HEPATIC MICROSOMAL ENZYME ACTIVITIES AND STEROID HORMONE LEVELS IN CARP, /CYPRINUS CARPIO/ EXPOSED FOR SIX MONTHS. *J. Fish Biol.* 15(3):249-253. Sept. 1979. SFA 25(1)

71-011375 Sivarajah, K.; Franklin, C. S. and Williams, W. P. SOME HISTOPATHOLOGICAL EFFECTS OF AROCLOR 1254 ON THE LIVER AND GONADS OF RAINBOW TROUT, /SALMO GAIRDNERI/ AND CARP, /CYPRINUS CARPIO/. *J. Fish Biol.* 13 (4): 411-414. Oct. 1978. SFA 24(1)

71-011376 Sivarajah, K.; Franklin, C. S. and Williams, W. P. THE EFFECTS OF POLYCHLORINATED BIPHENYLS ON PLASMA STEROID LEVELS AND HEPATIC MICROSOMAL ENZYMES IN FISH. *J. Fish Biol.* 13 (4): 401-409. Oct. 1978. SFA 24(1)

71-011377 Skadsen, J. M.; P. W. Webb and P. T. Kostecki. MEASUREMENT OF SUBLETHAL METABOLIC STRESS IN RAINBOW TROUT (*SALMO GAIRDNERI*) USING AUTOMATED RESPIROMETRY. *J. Environ. Sci. Health B Pestic. Food Contam. Agric. Wastes (Marcel Dekker, Inc., N.Y.)* 15(2):193-206. 1980. SFA 25(2)

71-011378 Sliger, W. A. AN EVALUATION OF BIOASSAY METHODS FOR DETERMINING ACUTE PHENOL TOXICITY TO CHANNEL CATFISH, /ICTALURUS PUNCTATUS/ (RAFINESQUE). *Ph.D. dissertation, Okla. State Univ.* 82p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(11), 1976. SFA 21(2)

71-011379 Slooff, W.; Rab, E. and Spierenburg, T. P. CONTINUOUS STANDARD WATER DELIVERY SYSTEM FOR BIOASSAYS WITH AQUATIC ORGANISMS. *Prog. Fish-Cult.* 40 (3): 112-114. July 1978. SFA 24(1)

71-011380 Smart, G. THE EFFECT OF AMMONIA EXPOSURE ON GILL STRUCTURE OF THE RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish Biol.* 8 (6): 471-475. June 1976. SFA 22(1)

71-011381 Smirnova, I. B. and Graevskii, E. Ya. INJURIOUS INFLUENCE OF AN IRRADIATED EGG ON NONIRRADIATED SPERM OF THE LOACH (/MISGURNUS FOSSILIS/ L.). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 237 (1-6): 557-559. May 1978. SFA 23(4)

71-011382 Smit, G. L.; Hattingh, J. and Schoonbee, H. J. OBSERVATIONS ON SOME EFFECTS OF DISODIUM ETHYLENEDIAMINE TETRA-ACETATE AND HEPARIN ON FISH BLOOD. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 57 (1): 35-38. 1977. SFA 22(3)

71-011383 Smit, G. L.; J. Hattingh and A. P. Burger. HAEMATOLOGICAL ASSESSMENT OF THE EFFECTS OF THE ANAESTHETIC MS 222 IN NATURAL AND NEUTRALIZED FORM IN THREE FRESHWATER FISH SPECIES: INTRASPECIES DIFFERENCES. *J. Fish Biol.* 15(6):645-653. Dec. 1979. SFA 25(2)

71-011384 Smit, G. L.; J. Hattingh and A. P. Burger. HAEMATOLOGICAL ASSESSMENT OF THE EFFECTS OF THE ANAESTHETIC MS 222 IN NATURAL AND NEUTRALIZED FORM IN THREE FRESHWATER FISH SPECIES: HAEMOGLOBIN ELECTROPHORESIS, ATP LEVELS AND CORPUSCULAR FRAGILITY CURVES. *J. Fish Biol.* 15(6):655-663. Dec. 1979. SFA 25(2)

71-011385 Smit, G. L.; J. Hattingh and A. P. Burger. HAEMATOLOGICAL ASSESSMENT OF THE EFFECTS OF THE ANAESTHETIC MS 222 IN NATURAL AND NEUTRALIZED FORM IN THREE FRESHWATER FISH SPECIES: INTERSPECIES DIFFERENCES. *J. Fish Biol.* 15(6):633-643. Dec. 1979. SFA 25(2)

71-011386 Smith, A. D.; Butler, J. R. and Ozburn, G. W. A PNEUMATIC DOSING APPARATUS FOR FLOW-THROUGH BIOASSAYS. *Water Res.* 11 (4): 347-349. 1977. SFA 22(3)

71-011387 Smith, B. P.; Hejtmancik, E. and Camp, B. J. ACUTE EFFECTS OF CADMIUM ON /ICTALURUS PUNCTATUS/ (CATFISH). *Bull. Environ. Contam. Toxicol.* 15 (3): 271-277. Mar. 1976. SFA 21(4)

71-011388 Smith, E. J. and Sykora, J. L. EARLY DEVELOPMENTAL EFFECTS OF LIME-NEUTRALIZED IRON HYDROXIDE SUSPENSIONS ON BROOK TROUT AND COHO SALMON. *Trans. Am. Fish. Soc.* 105 (2): 308-312. Mar. 1976. SFA 21(2)

71-011389 Smith, L. L., Jr.; Broderius, S. J.; Oseid, D. M.; Kimball, G. L. and Koenst, W. M. ACUTE TOXICITY OF HYDROGEN CYANIDE TO FRESHWATER FISHES. *Arch. Environ. Contam. Toxicol.* 7 (3): 325-337. 1978. SFA 24(1)

71-011390 Smith, L. L., Jr.; Broderius, S. J.; Oseid, D. M.; Kimball, G. L.; Koenst, W. M. and Lind, D. T. ACUTE AND CHRONIC TOXICITY OF HCN TO FISH AND INVERTEBRATES. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-009. xiv + 115p. Jan. 1979. SFA 24(4)

71-011391 Smith, L. L., Jr.; Oseid, D. M.; Adelman, I. R. and Broderius, S. J. EFFECT OF HYDROGEN SULFIDE ON FISH AND INVERTEBRATES PART I-ACUTE AND CHRONIC TOXICITY STUDIES. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-062a. xvi + 286p. July 1976. SFA 21(3).

71-011392 Smith, L. L., Jr.; Oseid, D. M.; Kimball, G. L. and El-Kandelgy, S. M. TOXICITY OF HYDROGEN SULFIDE TO VARIOUS LIFE HISTORY STAGES OF BLUEGILL (/LEPOMIS MACROCHIRUS/). *Trans. Am. Fish. Soc.* 105 (3): 422-449. May 1976. SFA 21(3).

71-011393 Smith, L. L., Jr.; Oseid, D. M. and Olson, L. E. ACUTE AND CHRONIC TOXICITY OF HYDROGEN SULFIDE TO THE FATHEAD MINNOW, /PIMEPHALES PROMELAS/. *Environ. Sci. Technol.* 10 (6): 565-568. June 1976. SFA 22(1)

71-011394 Smith, M. J. and Heath, A. G. ACUTE TOXICITY OF COPPER, CHROMATE, ZINC, AND CYANIDE TO FRESHWATER FISH: EFFECT OF DIFFERENT TEMPERATURES. *Bull. Environ. Contam. Toxicol.* 22 (1-2): 113-119. May 1979. SFA 24(3)

71-011395 Smith, R. L. and Cameron, J. A. EFFECT OF WATER SOLUBLE FRACTION OF PRUDHOE BAY CRUDE OIL ON EMBRYONIC DEVELOPMENT OF PACIFIC HERRING. *Trans. Am. Fish. Soc.* 108 (1): 70-75. Jan. 1979. SFA 24(3)

71-011396 Snarski, V. M. and Puglisi, F. A. EFFECTS OF AROCLOR 1254 ON BROOK TROUT, /SALVELINUS FONTINALIS/. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-112. vii + 34p. Dec. 1976. SFA 23(2)

71-011397 Soivio, A.; Nyholm, K. and Huhti, M. EFFECTS OF ANAESTHESIA WITH MS 222, NEUTRALIZED MS 222 AND BENZOCAINE ON THE BLOOD CONSTITUENTS OF RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish Biol.* 10 (1): 91-101. Jan. 1977. SFA 22(3)

71-011398 Solbakken, J. E.; Palmork, K. H.; Neppelberg, T. and Scheline, R. R. DISTRIBUTION OF RADIACTIVITY IN COALFISH (/POLLACHIUS VIRENS/) FOLLOWING INTRAGASTRIC ADMINISTRATION OF [9-^{14}C] PHENANTHRENE. *Bull. Environ. Contam. Toxicol.* 23(1/2):100-103. Sept. 1979. SFA 25(1)

71-011399 Solbe, J. F. de L. G. and Flook, V. A. STUDIES ON THE TOXICITY OF ZINC SULPHATE AND OF CADMIUM SULPHATE TO STONE LOACH /NOEMACHEILUS BARBATULUS/ (L.) IN HARD WATER. *J. Fish Biol.* 7 (5): 631-637. Sept. 1975. SFA 22(2)

71-011400 Solomon, H. M. THE TERATOGENIC EFFECTS OF THE INSECTICIDES DDT, CARBARYL, MALATHION AND PARATHION ON DEVELOPING MEDAKA EGGS (/ORYZIAS LATIPES/). *Ph.D. dissertation, Rutgers Univ.* 179p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(5):2176. Nov. 1978. SFA 24(1)

71-011401 Somero, G. N.; Chow, T. J.; Yancey, P. H. and Snyder, C. B. LEAD ACCUMULATION RATES IN TISSUES OF THE ESTUARINE TELEOST FISH, /GILLICHTHYS MIRABILIS/: SALINITY AND TEMPERATURE EFFECTS. *Arch. Environ. Contam. Toxicol.* 6 (2/3): 337-348. 1977. SFA 23(1)

71-011402 Somero, G. N.; Yancey, P. H.; Chow, T. J. and Snyder, C. B. LEAD EFFECTS ON TISSUE AND WHOLE ORGANISM RESPIRATION OF THE ESTUARINE TELEOST FISH, /GILLICHTHYS MIRABILIS/. *Arch. Environ. Contam. Toxicol.* 6 (2/3): 349-354. 1977. SFA 23(1)

71-011403 Sonntag, N. C. and Greve, W. INVESTIGATION OF THE IMPACT OF MERCURY ON ENCLOSED WATER COLUMNS USING A ZOOPLANKTON SIMULATION MODEL. *J. Fish. Res. Board Can.* 34 (12): 2295-2307. Dec. 1977. In English with French summ. SFA 23(2)

71-011404 Sorensen, E. M. B.; Henry, R. E. and Ramirez-Mitchell, R. ARSENIC ACCUMULATION, TISSUE DISTRIBUTION AND CYTOTOXICITY IN TELEOSTS FOLLOWING INDIRECT AQUEOUS EXPOSURES. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 162-169. Jan. 1979. SFA 24(2)

71-011405 Sorensen, E. M. B. TOXICITY AND ACCUMULATION OF ARSENIC IN GREEN SUNFISH, /LEPOMIS CYANELLUS/, EXPOSED TO ARSENATE IN WATER. *Bull. Environ. Contam. Toxicol.* 15 (6): 756-761. June 1976. SFA 21(4)

71-011406 Sorensen, E. M. B. ULTRASTRUCTURAL CHANGES IN THE HEPATOCYTES OF GREEN SUNFISH, /LEPOMIS CYANELLUS/ RAFINESQUE, EXPOSED TO SOLUTIONS OF SODIUM ARSENATE. *J. Fish Biol.* 8 (3): 229-240. Mar. 1976. SFA 22(1)

71-011407 Sousa, R. J. and Meade, T. L. THE INFLUENCE OF AMMONIA ON THE OXYGEN DELIVERY SYSTEM OF COHO SALMON HEMOGLOBIN. *Comp. Biochem. Physiol. A Comp. Physiol.* 58 (1): 23-28. 1977. SFA 22(4)

71-011408 Spehar, R. L. CADMIUM AND ZINC TOXICITY TO /JORDANELLA FLORIDAE/. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-096. vi + 34p. Nov. 1976. SFA 23(3)

71-011409 Spehar, R. L. CADMIUM AND ZINC TOXICITY TO FLAGFISH, /JORDANELLA FLORIDAE. *J. Fish. Res. Board Can.* 33 (9): 1939-1945. Sept. 1976. In English with French summ. SFA 21(3).

71-011410 Spehar, R. L.; J. T. Fiandt; R. L. Anderson and D. L. DeFoe. COMPARATIVE TOXICITY OF ARSENIC COMPOUNDS AND THEIR ACCUMULATION IN INVERTEBRATES AND FISH. *Arch. Environ. Contam. Toxicol.* 9(1):53-63. 1980. SFA 25(2)

71-011411 Spehar, R. L.; Leonard, E. N. and DeFoe, D. L. CHRONIC EFFECTS OF CADMIUM AND ZINC MIXTURES ON FLAGFISH (/JORDANELLA FLORIDAE/). *Trans. Am. Fish. Soc.* 107 (2): 354-360. Mar. 1978. SFA 23(3)

71-011412 Spehar, R. L.; Veith, G. D.; DeFoe, D. L. and Bergstedt, B. V. TOXICITY AND BIOACCUMULATION OF HEXACHLOROCYCLOPENTADIENE, HEXACHLORONORBORNADIENE AND HEPTACHLORONOBORNENE IN LARVAL AND EARLY JUVENILE FATHEAD MINNOWS, /PIMEPHALES PROMELAS/. *Bull. Environ. Contam. Toxicol.* 21(4/5):576-583. Mar. 1979. SFA 24(3)

71-011413 Speranza, A. W.; Seeley, R. J.; Seeley, V. A. and Perlmutter, A. THE EFFECT OF SUBLETHAL CONCENTRATIONS OF ZINC ON REPRODUCTION IN THE ZEBRAFISH, /BRACHYDANIO RERIO/ HAMILTON-BUCHANAN. *Environ. Pollut.* 12 (3): 217-222. Mar. 1977. SFA 22(3)

71-011414 Spieler, R. E.; Noeske, T. A. and Seegert, G. L. DIEL VARIATIONS IN SENSITIVITY OF FISHES TO POTENTIALLY LETHAL STIMULI. *Prog. Fish-Cult.* 39 (3): 144-147. July 1977. SFA 22(4)

71-011415 Spotila, J. R. and Paladino, V. F. TOXICITY OF ARSENIC TO DEVELOPING MUSKELLUNGE FRY (/ESOX MASQUINONGY/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 62 (1): 67-69. 1979. SFA 24(2)

71-011416 Sprague, J. B. CURRENT STATUS OF SUBLETHAL TESTS OF POLLUTANTS ON AQUATIC ORGNAISMS. *J. Fish. Res. Board Can.* 33 (9): 1988-1992. Sept. 1976. In English with French summ. SFA 21(3).

71-011417 Srivastava, A. K. and Agrawal, S. J. HAEMATOLOGICAL ANOMALIES IN A FRESH WATER TELEOST, /COLISA FASCIATUS/, ON ACUTE EXPOSURE TO COBALT. *Acta Pharmacol. Toxicol.* 44 (3): 197-199. Mar. 1979. SFA 24(3)

71-011418 Srivastava, A. K. and Mishra, S. BLOOD DYSCRASIA IN A TELEOST, /COLISA FASCIATUS/ AFTER ACUTE EXPOSURE TO SUBLETHAL CONCENTRATIONS OF LEAD. *J. Fish Biol.* 14 (2): 199-203. Feb. 1979. SFA 24(3)

71-011419 Stainken, D. M. EFFECTS OF UPTAKE AND DISCHARGE OF PETROLEUM HYDROCARBONS ON THE RESPIRATION OF THE SOFT-SHELL CLAM, /MYA ARENARIA/. *J. Fish. Res. Board Can.* 35 (5): 637-642. May 1978. In English with French summ. SFA 23(3)

71-011420 Stalling, D. L. and Huckins, J. N. METABOLISM OF 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) IN BLUEGILLS AND WATER. *J. Agric. Food Chem.* 26 (2): 447-452. 1978. SFA 23(4)

71-011421 Statcham, C. N.; Melancon, M. J., Jr. and Lech, J. J. BIOCONCENTRATION OF XENOBIOTICS IN TROUT BILE: A PROPOSED MONITORING AID FOR SOME WATERBORNE CHEMICALS. *Science* 193 (4254): 680-681. Aug. 1976. SFA 21(3).

71-011422 Statham, C. N.; Elcombe, C. R.; Szyjka, S. P. and Lech, J. J. EFFECT OF POLYCYCLIC AROMATIC HYDROCARBONS ON HEPATIC MICROSOMAL ENZYMES AND DISPOSITION OF METHYL-NAPHTHALENE IN RAINBOW TROUT /IN VIVO/. *Xenobiotica* 8(2):65-71. Feb. 1978. SFA 23(3)

71-011423 Statham, C. N.; Croft, W. A. and Lech, J. J. UPTAKE, DISTRIBUTION, AND EFFECTS OF CARBON TETRACHLORIDE IN RAINBOW TROUT (/SALMO GAIRDNERI/). *Toxicol. Appl. Pharmacol.* 45 (1): 131-140. July 1978. SFA 23(4)

71-011424 Stauffer, T. M. EFFECTS OF DDT AND PCB'S ON SURVIVAL OF LAKE TROUT EGGS AND FRY IN A HATCHERY AND IN LAKE MICHIGAN, 1973-1976. *Trans. Am. Fish. Soc.* 108 (2): 178-186. Mar. 1979. SFA 24(4)

71-011425 Stauffer, T. M. EFFECTS OF DDT AND PCB'S ON SURVIVAL OF LAKE TROUT EGGS AND FRY IN A HATCHERY AND IN LAKE MICHIGAN, 1973-1976. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1854. 29p. 29 Nov. 1977. SFA 23(2)

71-011426 Steele, J. A. and Courtois, L. A. HEMATOLOGICAL STRESS RESPONSE OF RAINBOW TROUT, /SALMO GAIRDNERI/, TO A SIMULATED GEOTHERMAL STEAM CONDENSATE SPILL. *Calif. Fish Game* 65 (3): 166-167. July 1979. SFA 24(4)

71-011427 Stegeman, J. J. INFLUENCE OF ENVIRONMENTAL CONTAMINATION ON CYTOCHROME P-450 MIXED-FUNCTION OXYGENASES IN FISH: IMPLICATIONS FOR RECOVERY IN THE WILD HARBOR MARSH. *J. Fish. Res. Board Can.* 35 (5): 668-674. May 1978. In English with French summ. SFA 23(3)

71-011428 Stephenson, G. A.; Llewellyn, G. C. and Hofman, J. W. TOXIC AND TERATOGENIC EFFECTS OF AFLATOXIN B(1) IN JAPANESE MEDAKA EGGS (/ORYZIAS LATIPES/). *Va. J. Sci.* 28(2):67. 1977. Abstract only. SFA 23(2)

71-011429 Stern, D. H. and M. S. Stern. MODIFIED ROTARY SHAKER PLATFORM. *Prog. Fish-Cult.* 42(3):188-189. July 1980. SFA 25(4)

71-011430 Stevens, D. G. SURVIVAL AND IMMUNE RESPONSE OF COHO SALMON EXPOSED TO COPPER. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-031. x + 37p. Mar. 1977. SFA 23(3)

71-011431 Stickney, R. R. and Windom, H. L. TISSUE RESPONSES IN ATLANTIC CROAKER, /MICROPOGON UNDULATUS/, EXPOSED TO LOW LEVELS OF CADMIUM. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2)

71-011432 Strand, J. A.; Fujihara, M. P. and Poston, T. M. PERMANENCE OF SUPPRESSION OF THE PRIMARY IMMUNE RESPONSE IN RAINBOW TROUT SUBLETHALLY EXPOSED TO TRITIUM DURING EMBRYOGENESIS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 323. July 1977. Abstract only. SFA 23(3)

71-011433 Strange, J. R.; Fletcher, D. J. and Allred, P. M. CARDIAC AND OPERCULAR RESPONSES IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) EXPOSED TO HIGH LEVELS OF PHOSPHATE. *J. Environ. Sci. Health A Environ. Sci. Eng.* 13 (7): 501-515. 1978. SFA 24(1)

71-011434 Strange, R. J. and Schreck, C. B. ANESTHETIC AND HANDLING STRESS ON SURVIVAL AND CORTISOL CONCENTRATION IN YEARLING CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/). *J. Fish. Res. Board Can.* 35 (3): 345-349. Mar. 1978. In English with French summ. SFA 23(2)

71-011435 Struhsaker, J. W. EFFECTS OF BENZENE (A TOXIC COMPONENT OF PETROLEUM) ON SPAWNING PACIFIC HERRING, /CLUPEA HARENGUS PALLASI/. *NOAA Fish. Bull.* 75 (1): 43-49. Jan. 1977. SFA 22(3)

71-011436 Sudershan, P. and M. A. Q. Khan. METABOLIC AND ELIMINATION PRODUCTS OF [^{14}C]PHOTODIELDRIN FROM BLUEGILL FISH. *Pestic. Biochem. Physiol.* 12(3):216-223. Dec. 1979. SFA 25(2)

71-011437 Sugatt, R. H. EFFECTS OF SODIUM DICHROMATE EXPOSURE ON THE IMMUNE RESPONSES OF JUVENILE COHO SALMON, *ONCORHYNCHUS KISUTCH*, AGAINST *VIBRIO ANGUILLARUM*. *Arch. Environ. Contam. Toxicol.* 9(2):207-216. 1980. SFA 25(2)

71-011438 Sugatt, R. H. EFFECTS OF SUBLETHAL SODIUM DICHROMATE EXPOSURE IN FRESHWATER ON THE SALINITY TOLERANCE AND SERUM OSMOLALITY OF JUVENILE COHO SALMON, *ONCORHYNCHUS KISUTCH*, IN SEAWATER. *Arch. Environ. Contam. Toxicol.* 9(1):41-52. 1980. SFA 25(2)

71-011439 Sugatt, R. H. EFFECTS OF SUBLETHAL HEXAVALENT CHROMIUM EXPOSURE ON THE OSMOREULATION, IMMUNE RESPONSE, AND BLOOD CHARACTERISTICS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Ph.D. dissertation, Univ. N.H.* 86p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2178. Nov. 1978. SFA 24(1)

71-011440 Sullivan, J. F.; Atchison, G. J.; Kolar, D. J. and McIntosh, A. W. CHANGES IN THE PREDATOR-PREY BEHAVIOR OF FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) AND LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) CAUSED BY CADMIUM. *J. Fish. Res. Board Can.* 35 (4): 446-451. Apr. 1978. In English with French summ. SFA 23(3)

71-011441 Sullivan, J. F.; Murphy, B. R.; Atchison, G. J. and McIntosh, A. W. TIME DEPENDENT CADMIUM UPTAKE BY FATHEAD MINNOWS (/PIMEPHALES PROMELAS/) DURING FIELD AND LABORATORY EXPOSURE. *Hydrobiologia* 57 (1): 65-68. 8 Jan. 1978. SFA 23(2)

71-011442 Suzuki, A. and Sekizawa, Y. RESIDUE ANALYSES ON 2-AMINO-4-PHENYLTHIAZOLE, A PISCINE ANESTHETIC, IN FISHES--I.V. GC/MS ANALYSIS ON RAINBOW TROUT. *Bull. Jpn. Soc. Sci. Fish.* 45 (2): 167-171. Feb. 1979. SFA 24(3)

71-011443 Svanberg, O.; Bengtsson, B.-E.; Linden, E.; Lunde, G. and Ofsted, E. B. CHLORINATED PARAFFINS--A CASE OF ACCUMULATION AND TOXICITY TO FISH. *Ambio* 7 (2): 64-65. 1978. SFA 23(3)

71-011444 Svobodova, Z.; Hejtmanek, M. and Vostradovsky, J. SLEDOVANI OBSAHU RTUTI V RYBACH ODLOVENYCH VE VODARENSKYCH NADRICH. [DETERMINING TOTAL MERCURY CONTENT IN FISH FROM WATER-SUPPLY RESERVOIRS.] *Vertebr. Zpravy* 1978: 84-88. 1978. In Czech with English summ. SFA 24(3)

71-011445 Swarts, F. A.; Dunson, W. A. and Wright, J. E. GENETIC AND ENVIRONMENTAL FACTORS INVOLVED IN INCREASED RESISTANCE OF BROOK TROUT TO SULFURIC ACID SOLUTIONS AND MINE ACID POLLUTED WATERS. *Trans. Am. Fish. Soc.* 107 (5): 651-677. Sept. 1978. SFA 24(1)

71-011446 Swift, D. J. SOME EFFECTS OF EXPOSING RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) TO PHENOL SOLUTIONS. *J. Fish Biol.* 13 (1): 7-17. July 1978. SFA 23(4)

71-011447 Tagatz, M. E. EFFECT OF MIREX ON PREDATOR-PREY INTERACTION IN AN EXPERIMENTAL ESTUARINE ECOSYSTEM. *Trans. Am. Fish. Soc.* 105 (4): 546-549. July 1976. SFA 21(4).

71-011448 Tagatz, M. E.; Ivey, J. M.; Moore, J. C. and Tobia, M. EFFECTS OF PENTACHLOROPHENOL ON THE DEVELOPMENT OF ESTUARINE COMMUNITIES. *J. Toxicol. Environ. Health* 3 (3): 501-506. Oct. 1977. SFA 23(1)

71-011449 Takaku, T.; M. Takahashi and A. Otsuki. [DISPERSION OF AN ORGANOPHOSPHORUS INSECTICIDE, FENITROTHION, IN PADDY FIELDS AND ITS EFFECTS ON THE MICROORGANISMS. *Jpn. J. Limnol.* 40(3):137-144. July 1979. In Japanese with English summ. SFA 25(3)

71-011450 Takeda, M. and Ueda, T. ACCUMULATION OF MERCURY AND SELENIUM IN CULTURED YELLOWTAIL. *Bull. Jpn. Soc. Sci. Fish.* 45(7):901-904. July 1979. In Japanese with English summ. SFA 25(1)

71-011451 Tam, K. H. and Conacher, H. B. S. THE SUITABILITY OF THE DRY ASHING PROCEDURE FOR DETERMINATION OF ARSENIC IN MARINE SAMPLES. *J. Environ. Sci. Health B Pestic. Food Contam. Agric. Wastes* 12 (3): 213-227. 1977. SFA 22(4)

71-011452 Taylor, J. L. TOXICITY OF COPPER AND ZINC IN TWO ARKANSAS STREAMS TO MOSQUITOFISH (/GAMBUSIA AFFINIS/). *Bios* 49 (3): 99-106. Oct. 1978. SFA 24(1)

71-011453 Thatcher, T. O.; Schneider, M. J. and Wolf, E. G. BIOASSAYS ON THE COMBINED EFFFCTS OF CHLORINE, HEAVY METALS AND TEMPERATURE ON FISHES AND FISH FOOD ORGANISMS. PART I. EFFECTS OF CHLORINE AND TEMPERATURE ON JUVENILE BROOK TROUT (/SALVELINUS FONTINALIS/). *Bull. Environ. Contam. Toxicol.* 15 (1): 40-48. Jan. 1976. SFA 21(4)

71-011454 Thomas, P. C. and Murthy, T. L. EFFECT OF PHOSPHAMIDON ON HEPATIC AND RENAL CATALASE OF A FRESHWATER BONY FISH. *Indian J. Fish.* 21 (2): 594-597. 1974. SFA 23(2)

71-011455 Thompson, K. W.; A. C. Hendricks and J. Cairns, Jr. ACUTE TOXICITY OF ZINC AND COPPER SINGLY AND IN COMBINATION TO THE BLUEGILL (*LEPOMIS MACROCHIRUS*). *Bull. Environ. Contam. Toxicol.* 25(1):122-129. July 1980. SFA 25(4)

71-011456 Thurston, R. V.; Russo, R. C. and Smith, C. E. ACUTE TOXICITY OF AMMONIA AND NITRITE TO CUTTHROAT TROUT FRY. *Trans. Am. Fish. Soc.* 107 (2): 361-368. Mar. 1978. SFA 23(3)

71-011457 Till, J. E. LABORATORY TECHNIQUE FOR OBTAINING FATHEAD MINNOW EGGS FOR USE IN TOXICITY EXPERIMENTS. *Prog. Fish-Cult.* 39(1):24-27. Jan. 1977. SFA 22(2)

71-011458 Till, J. E. THE TOXICITY OF URANIUM AND PLUTONIUM TO THE DEVELOPING EMBRYOS OF FISH. *Ph. D. dissertation, Ga. Inst. Technol.* 203p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(3), 1976. SFA 21(4)

71-011459 Tomasso, J. R.; Simco, B. A. and Davis, K. B. CHLORIDE INHIBITION OF NITRITE-INDUCED METHEMOGLOBINEMIA IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *J. Fish. Res. Board Can.* 36(9):1141-1144. Sept. 1979. In English with French summ. SFA 25(1)

71-011460 Tomasso, J. R.; C. A. Goudie; B. A. Simco and K. B. Davis. EFFECTS OF ENVIRONMENTAL pH AND CALCIUM ON AMMONIA TOXICITY IN CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 109(2):229-234. Mar. 1980. SFA 25(2)

71-011461 Tomasso, J. R.; M. I. Wright; B. A. Simco and K. B. Davis. INHIBITION OF NITRITE-INDUCED TOXICITY IN CHANNEL CATFISH BY CALCIUM CHLORIDE AND SODIUM CHLORIDE. *Prog. Fish-Cult.* 42(3):144-146. July 1980. SFA 25(4)

71-011462 Tomasso, J. R.; Goudie, C. A. and Simco, B. A. EFFECTS OF ENVIRONMENTAL PH AND CALCIUM ON AMMONIA TOXICITY IN CHANNEL CATFISH (/ICTALURUS PUNCTATUS/). *J. Tenn. Acad. Sci.* 54 (2): 72. Apr. 1979. Abstract only. SFA 24(3)

71-011463 Tomasso, J. R., Jr. and Murphy, G. G. THE EFFECTS OF ALDRIN AND HEPTACHLOR ON FIN REGENERATION IN THE PUGNOSE MINNOW, /NOTROPIS ANOGENUS/. *J. Tenn. Acad. Sci.* 53 (2): 73. Apr. 1978. Abstract only. SFA 23(3)

71-011464 Tompkins, J. A. and Tsai, C. SURVIVAL TIME AND LETHAL EXPOSURE TIME FOR THE BLACKNOSE DACE EXPOSED TO FREE CHLORINE AND CHLORAMINES. *Trans. Am. Fish. Soc.* 105 (2): 313-321. Mar. 1976. SFA 21(2).

71-011465 Tooby, T. E.; J. Lucey and B. Stott. TOLERANCE OF GRASS CARP, *CTENOPHARYNGODON IDELLA* VAL., TO AQUATIC HERBICIDES. *J. Fish Biol.* 16(5):591-597. May 1980. SFA 25(4)

71-011466 Tracor Jitco, Inc. QUALITY ASSURANCE GUIDELINES FOR BIOLOGICAL TESTING. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-78-043. 600p. Aug. 1978. SFA 24(4)

71-011467 Trivedi, R. C. and Dubey, P. S. EVALUATION OF TOXICITY OF SOME INDUSTRIAL WASTES TO FISH BY BIOASSAY. *Environ. Pollut.* 17 (1): 75-80. Sept. 1978. SFA 24(1)

71-011468 Trnkova, J. DIE TOXISCHE WIRKUNG DES ENDRINS AUF AQUATISCHE WIRBELLOSE. [THE TOXICITY OF ENDRIN TO AQUATIC INVERTEBRATES.] *Prirodoved Pr. Ustavu Cesk. Akad. Ved Brne* 11 (3): 1-30. 1977. In German with English summ. SFA 23(1)

71-011469 Trojnar, J. R. EGG AND LARVAL SURVIVAL OF WHITE SUCKERS (/CATOSTOMUS COMMERSONI/) AT LOW PH. *J. Fish. Res. Board Can.* 34 (2): 262-266. Feb. 1977. In English with French summ. SFA 22(3)

71-011470 Trojnar, J. R. EGG HATCHABILITY AND TOLERANCE OF BROOK TROUT (/SALVELINUS FONTINALIS/) FRY AT LOW PH. *J. Fish. Res. Board Can.* 34 (4): 574-579. Apr. 1977. In English with French summ. SFA 22(3)

71-011471 Tsai, C. and J. A. McKee. ACUTE TOXICITY TO GOLDFISH OF MIXTURES OF CHLORAMINES, COPPER, AND LINEAR ALKYLATE SULFONATE. *Trans. Am. Fish. Soc.* 109(1):132-141. Jan. 1980. SFA 25(2)

71-011472 Tsai, C. SURVIVAL, OVERTURNING AND LETHAL EXPOSURE TIMES FOR THE PEARL DACE, /SEMOTILUS MARGARITUS/ (COPE), EXPOSED TO COPPER SOLUTION. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 64(1):1-6. 1979. SFA 25(1)

71-011473 Tsai, C.-F.; Welch, J.; Chang, K.-Y.; Shaeffer, J. and Cronin, L. E. BIOASSAY OF BALTIMORE HARBOR SEDIMENTS. *Estuaries* 2 (3): 141-153. Sept. 1979. SFA 24(4)

71-011474 Tsai, S.-C. INFLUENCE OF AQUATIC ENVIRONMENTAL FACTORS ON THE UPTAKE AND TOXICITY OF MERCURIALS IN FISH. *Ph. D. dissertation, Univ. Wis. (Madison)* 159p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-011475 Tubb, R. A., (ed.). RECENT ADVANCES IN FISH TOXICOLOGY. A SYMPOSIUM. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-085. v + 204p. July 1975. SFA 23(3)

71-011476 Tucker, C. S. and Boyd, C. E. CONSEQUENCES OF PERIODIC APPLICATIONS OF COPPER SULFATE AND SIMAZINE FOR PHYTOPLANKTON CONTROL IN CATFISH PONDS. *Trans. Am. Fish. Soc.* 107 (2): 316-320. Mar. 1978. SFA 23(3)

71-011477 Tucker, C. S. and Boyd, C. E. RELATIONSHIPS BETWEEN POTASSIUM PERMANGANATE TREATMENT AND WATER QUALITY. *Trans. Am. Fish. Soc.* 106 (5): 481-488. Sept. 1977. SFA 23(1)

71-011478 Tucker, C. S. CONSEQUENCES OF COPPER-SULFATE AND SIMAZINE TREATMENT FOR PHYTOPLANKTON CONTROL IN FISH PONDS AND STUDIES ON THE DISSIPATION OF SIMAZINE IN LABORATORY MICROCOSMS. *Ph.D dissertation, Auburn Univ.* 75p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2650. Dec. 1978. SFA 24(2)

71-011479 U.S. Environmental Protection Agency. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORT ON VINYL CHLORIDE AND POLYVINYL CHLORIDE. *U.S. Environ. Prot. Agency Star Ser.* EPA-600/6-75-004. x + 116p. June 1975. SFA 23(2)

71-011480 U.S. Environmental Protection Agency. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORT ON MANGANESE. *U.S. Environ. Prot. Agency Star Ser.* EPA-600/6-75-002. 71p. Apr. 1975. SFA 23(2)

71-011481 U.S. Environmental Protection Agency. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORT ON CADMIUM. *U.S. Environ. Prot. Agency Star Ser.* EPA-600/6-75-003. 72p. Mar. 1975. SFA 23(2)

71-011482 U.S. Environmental Protection Agency. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORT ON MANGANESE. *U.S. Environ. Prot. Agency Star Ser.* EPA-600/6-75-002. viii + 57p. Apr. 1975. SFA 21(1)

71-011483 U.S. vironmental Protection Agency. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORT ON CADMIUM. *U.S. Environ. Prot. Agnecy Star Ser.* EPA-600/6-75-003. viii + 59p. July 1975. SFA 21(1).

71-011484 Ultsch, G. R. and Gros, G. MUCUS AS A DIFFUSION BARRIER TO OXYGEN: POSSIBLE ROLE IN O(2) UPTAKE AT LOW PH IN CARP (/CYPRINUS CARPIO/) GILLS. *Comp. Biochem. Physiol. A Comp. Physiol.* 62(3):685-689. 1979. SFA 24(3)

71-011485 Ultsch, G. R. OXYGEN CONSUMPTION AS A FUNCTION OF PH IN THREE SPECIES OF FRESHWATER FISHES. *Copeia* 1978 (2): 272-279. 5 May 1978. SFA 23(3)

71-011486 Uviovo, E. J. and Beatty, D. D. EFFECTS OF CHRONIC EXPOSURE TO ZINC ON REPRODUCTION IN THE GUPPY (/POECILIA RETICULATA/). *Bull. Environ. Contam. Toxicol.* 23(4/5):650-657. Nov. 1979. SFA 25(1)

71-011487 Van den Berg, C. M. G.; Wong, P. T. S. and Chau, Y. K. MEASUREMENT OF COMPLEXING MATERIALS EXCRETED FROM ALGAE AND THEIR ABILITY TO AMELIORATE COPPER TOXICITY. *J. Fish. Res. Board Can.* 36(8):901-905. Aug. 1979. In English with French summ. SFA 25(1)

71-011488 Vandermeulen, J. H. and Penrose, W. R. ABSENCE OF ARYL HYDROCARBON HYDROXYLASE (AHH) IN THREE MARINE BIVALVES. *J. Fish. Res. Board Can.* 35 (5): 643-647. May 1978. In English with French summ. SFA 23(3)

71-011489 Varanasi, U. and Markey, D. UPTAKE AND RELEASE OF LEAD AND CADMIUM IN SKIN AND MUCUS OF COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 60 (2): 187-191. 1978. SFA 23(4)

71-011490 Varanasi, U. and Gmur, D. J. INFLUENCE OF WATER-BORNE AND DIETARY CALCIUM ON UPTAKE AND RETENTION OF LEAD BY COHO SALMON (/ONCORHYNCHUS KISUTCH/). *Toxicol. Appl. Pharmacol.* 46 (1): 65-75. Oct. 1978. SFA 24(2)

71-011491 Varanasi, U.; Treseler, P. A. and Gmur, D. J. INFLUENCE OF TIME AND MODE OF EXPOSURE ON BIOTRANSFORMATION OF NAPHTHALENE BY JUVENILE STARRY FLOUNDER (/PLATICHTHYS STELLATUS/) AND ROCK SOLE (/LEPIDOPSETTA BILINEATA/). *Arch. Environ. Contam. Toxicol.* 8(6):673-692. 1979. SFA 25(1)

71-011492 Verma, S. R.; Bansal, S. K.; Gupta, A. K. and Dalela, R. C. PESTICIDE INDUCED HAEMATOLOGICAL ALTERATIONS IN A FRESH WATER FISH /SACCOBRANCHUS FOSSILIS/. *Bull. Environ. Contam. Toxicol.* 22 (4/5): 467-474. July 1979. SFA 24(4)

71-011493 Verma, S. R.; Bansal, S. K. and Dalela, R. C. TOXICITY OF SELECTED ORGANIC PESTICIDES TO A FRESH WATER TELEOST FISH, /SACCOBRANCHUS FOSSILIS/ AND ITS APPLICATION IN CONTROLLING WATER POLLUTION. *Arch. Environ. Contam. Toxicol.* 7 (3): 317-323. 1978. SFA 24(1)

71-011494 Verma, S. R.; Bansal, S. K.; Gupta, A. K. and Dalela, R. C. IN VIVO EFFECT ON ATPASE IN CERTAIN TISSUES OF /LABEO ROHITA/ AND /SACCOBRANCHUS FOSSILIS/, FOLLOWING CHRONIC CHLORDANE INTOXICATION. *Bull. Environ. Contam. Toxicol.* 20 (6): 769-777. Dec. 1978. SFA 24(3)

71-011495 Verma, S. R.; Pal, N.; Tyagi, A. K. and Dalela, R. C. TOXICITY OF SWASCOL 1P (SLS) TO /CHANNA PUNCTATUS/ AND /CIRRHINA MRIGALA/: BIOCHEMICAL ALTERATIONS. *Bull. Environ. Contam. Toxicol.* 21 (4/5): 711-718. Mar. 1979. SFA 24(3)

71-011496 Verma, S. R.; S. Rani and R. C. Dalela. EFFECTS OF PHENOL AND DINITROPHENOL ON ACID AND ALKALINE PHOSPHATASES IN TISSUES OF A FISH (*NOTOPTERUS NOTOPTERUS*). *Arch. Environ. Contam. Toxicol.* 9(4):451-459. 1980. SFA 25(3)

71-011497 Verma, S. R.; Tyagi, A. K.; Bhatnagar, M. C. and Dalela, R. C. ORGANOPHOSPHATE POISONING TO SOME FRESH WATER TELEOSTS--ACETYLCEOLINESTERASE INHIBITION. *Bull. Environ. Contam. Toxicol.* 21 (4/5): 502-506. Mar. 1979. SFA 24(3)

71-011498 Vigers, G. A. and Maynard, A. W. THE RESIDUAL OXYGEN BIOASSAY: A RAPID PROCEDURE TO PREDICT EFFLUENT TOXICITY TO RAINBOW TROUT. *Water Res.* 11 (4): 343-346. 1977. SFA 22(3)

71-011499 Volund, A. APPLICATION OF THE FOUR-PARAMETER LOGISTIC MODEL TO BIOASSAY: COMPARISON WITH SLOPE RATIO AND PARALLEL LINE MODELS. *Biometrics* 34 (3): 357-365. Sept. 1978. SFA 24(1)

71-011500 Von Westernhagen, H. and Dethlefsen, V. COMBINED EFFECTS OF CADMIUM AND SALINITY ON DEVELOPMENT AND SURVIVAL OF FLOUNDER EGGS. *J. Mar. Biol. Assoc. U.K.* 55 (4): 945-957. Nov. 1975. SFA 22(3)

71-011501 Voyer, R. A.; Heltsche, J. F. and Kraus, R. A. HATCHING SUCCESS AND LARVAL MORTALITY IN AN ESTUARINE TELEOST, /MENIDIA MENIDIA/ (LINNAEUS), EXPOSED TO CADMIUM IN CONSTANT AND FLUCTUATING SALINITY REGINES. *Bull. Environ. Contam. Toxicol.* 23(4/5):475-481. Nov. 1979. SFA 25(1)

71-011502 Vrochinskiy, K. K. and G. V. Zemkov. PHYSIOLOGICAL-BIOCHEMICAL DATA ON EXPERIMENTAL INTOXICATION OF FISH WITH "YALAN". *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):1004-1009. 1978. SFA 25(2)

71-011503 Waggoner, J. P. III and Zeeman, M. G. DDT: SHORT TERM EFFECTS ON OSMOREGULATION IN BLACK SURFPERCH (/EMBIOTOCA JACKSONI/). *Bull. Environ. Contam. Toxicol.* 13 (3): 297-300. Mar. 1975. SFA 21(4)

71-011504 Waiwood, K. G. EFFECTS OF COPPER, HARDNESS AND PH ON SWIMMING PERFORMANCE AND GROWTH OF RAINBOW TROUT (/SALMO GAIRDNERI/). *Ph.D. dissertation, Univ. Guelph (Canada)* 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1608. Oct. 1977. SFA 23(3)

71-011505 Waiwood, K. G. and Beamish, F. W. H. THE EFFECT OF COPPER, HARDNESS AND PH ON THE GROWTH OF RAINBOW TROUT, /SALMO GAIRDNERI/. *J. Fish Biol.* 13 (5): 591-598. Nov. 1978. SFA 24(2)

71-011506 Waiwood, K. G. and Beamish, F. W. H. EFFECTS OF COPPER, PH AND HARDNESS ON THE CRITICAL SWIMMING PERFORMANCE OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON). *Water Res.* 12 (8): 611-619. 1978. SFA 24(1)

71-011507 Wallace, D.; Norris, L. A. and Hawkes, C. L. TCDD IN THE ENVIRONMENT. *Trans. Am. Fish. Soc.* 108 (1): 103-109. Jan. 1979. SFA 24(3)

71-011508 Walsh, D. F.; Armstrong, J. G.; Bartley, T. R.; Salman, H. A. and Frank, P. A. RESIDUES OF EMULSIFIED XYLENE IN AQUATIC WEED CONTROL AND THEIR IMPACT ON RAINBOW TROUT /SALMO GAIRDNERI/. *U.S. Dep. Inter. Bur. Reclam.* REC-ERC-76-11. ii + 15p. Jan. 1977. SFA 23(2)

71-011509 Wang, R. T. and Nicol, J. A. C. EFFECTS OF FUEL OIL ON SEA CATFISH: FEEDING ACTIVITY AND CARDIAC RESPONSES. *Bull. Environ. Contam. Toxicol.* 18 (2): 170-176. Aug. 1977. SFA 22(4)

71-011510 Ward, C. and Matsumura, F. FATE OF 2,4,5-T CONTAMINANT, 2,3,7,8-TETRACHLORODIBENZO-/P/-DIOXIN (TCDD) IN AQUATIC ENVIRONMENTS. *Univ. Wis. Water Resour. Cent. Tech. Rep.* WRC 77-01. iii + 22p. 1977. SFA 22(4)

71-011511 Ward, R. W.; Giffin, R. D.; DeGraeve, G. M. and Stone, R. A. DISINFECTION EFFICIENCY AND RESIDUAL TOXICITY OF SEVERAL WASTEWATER DISINFECTANTS. I. GRANDVILLE, MICHIGAN. *U.S. Environ. Prot. Agency Environ. Prot. Technol. Ser.* EPA-600/2-76-156. xi + 132p. Oct. 1976. SFA 23(3)

71-011512 Warlen, S. M. and Wolfe, D. A. A LINEAR DDT FLUX MODEL FOR ATLANTIC MENHADEN. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2)

71-011513 Warlen, S. M. ACCUMULATION AND RETENTION OF DDT BY ATLANTIC MENHADEN, /BREVOORTIA TYRANNUS/. *Ph.D. dissertation, N.C. State Univ. (Raleigh)* 116p. 1974. From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 21(1)

71-011514 Warlen, S. M.; Wolfe, D. A.; Lewis, C. W. and Colby, D. R. ACCUMULATION AND RETENTION OF DIETARY ^{14}C-DDT BY ATLANTIC MENHADEN. *Trans. Am. Fish. Soc.* 106(1):95-104. Jan. 1977. SFA 22(3)

71-011515 Watkins, J. and Yarbrough, J. D. ALDRIN AND DIELDRIN UPTAKE IN INSECTICIDE-RESISTANT AND SUSCEPTIBLE MOSQUITOFISH (/GAMBUSIA AFFINIS/). *Bull. Environ. Contam. Toxicol.* 14 (6): 731-737. Dec. 1975. SFA 21(4)

71-011516 Watson, T. A. and F. W. H. Beamish. EFFECTS OF ZINC ON BRANCHIAL ATPase ACTIVITY *IN VIVO* IN RAINBOW TROUT, *SALMO GAIRDNERI*. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 66(1):77-82. 1980. SFA 25(3)

71-011517 Watson, T. A. and McKeown, B. A. THE ACTIVITY OF DELTA 5-3 BETA HYDROXYSTEROID DEHYDROGENASE ENZYME IN THE INTERRENAL TISSUE OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) EXPOSED TO SUBLETHAL CONCENTRATIONS OF ZINC. *Bull. Environ. Contam. Toxicol.* 16 (2): 173-181. Aug. 1976. SFA 21(4)

71-011518 Watson, T. A. and McKeown, B. A. THE EFFECT OF SUBLETHAL CONCENTRATIONS OF ZINC ON GROWTH AND PLASMA GLUCOSE LEVELS IN RAINBOW TROUT, /SALMO GAIRDNERI/ (RICHARDSON). *J. Wildl. Dis.* 12 (2): 263-270. Apr. 1976. SFA 22(1)

71-011519 Wedemeyer, G. A. and Yasutake, W. T. PREVENTION AND TREATMENT OF NITRITE TOXICITY IN JUVENILE STEELHEAD TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 35 (6): 822-827. June 1978. In English with French summ. SFA 23(3)

71-011520 Wedemeyer, G. A.; Nelson, N. C. and Yasutake, W. T. PHYSIOLOGICAL AND BIOCHEMICAL ASPECTS OF OZONE TOXICITY TO RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 36 (6): 605-614. June 1979. In English with French summ. SFA 24(4)

71-011521 Weis. J. S. and Weis, P. OPTICAL MALFORMATIONS INDUCED BY INSECTICIDES IN EMBRYOS OF THE ATLANTIC SILVERSIDE, /MENIDIA MENIDAI/. *NOAA Fish. Bull.* 74(1):208-211. Jan. 1976. SFA 21(1)

71-011522 Weis, F. and J. S. Weis. EFFECT OF ZINC ON FIN REGENERATION IN THE MUMMICHOG, *FUNDULUS HETEROCLITUS*, AND ITS INTERACTION WITH METHYLMERCURY. *NOAA Fish. Bull.* 78(1):163-166. 1980. SFA 25(4)

71-011523 Weis, J. S. and Weis, P. EFFECTS OF HEAVY METALS ON DEVELOPMENT OF THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *J. Fish Biol.* 11 (1): 49-54. July 1977. SFA 22(4)

71-011524 Weis, P. and Weis, J. S. EFFECTS OF HEAVY METALS ON FIN REGENERATION IN THE KILLIFISH, /FUNDULUS HETEROCLITUS/. *Bull. Environ. Contam. Toxicol.* 16 (2): 197-202. Aug. 1976. SFA 21(4)

71-011525 Weis, P. and Weis, J. S. SCHOOLING BEHAVIOR OF /MENIDIA MENIDIA/ IN THE PRESENCE OF THE INSECTICIDE SEVIN (CARBARYL). *Mar. Biol.* 28 (4): 261-263. 31 Dec. 1974. SFA 22(2)

71-011526 Weis, P. and Weis, J. S. ABNORMAL LOCOMOTION ASSOCIATED WITH SKELETAL MALFORMATIONS IN THE SHEEPSHEAD MINNOW, /CYPRINODON VARIEGATUS/, EXPOSED TO MALATHION. *Environ. Res.* 12 (2): 196-200. Oct. 1976. SFA 22(1)

71-011527 Werner, A. E. and Robinson, J. ACUTE EFFECTS OF WOOD-PULP ON SOCKEYE SALMON (/ONCORHYNCHUS NERKA/). *Water Air Soil Pollut.* 9 (1): 69-81. Jan. 1978. SFA 23(3)

71-011528 Westerman, A. G. and Birge, W. J. ACCELERATED RATE OF ALBINISM IN CHANNEL CATFISH EXPOSED TO METALS. *Prog. Fish-Cult.* 40 (4): 143-146. Oct. 1978. SFA 24(2)

71-011529 White, A. W. DINOFLAGELLATE TOXINS AS PROBABLE CAUSE OF AN ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/) KILL, AND PTEROPODS AS APPARENT VECTOR. *J. Fish. Res. Board Can.* 34 (12): 2421-2424. Dec. 1977. In English with French summ. SFA 23(2)

71-011530 White, S. (NA+ + K+) ATPASE ACTIVITY IN TROUT EXPOSED TO CD. *J. Colo.-Wyo. Acad. Sci.* 9(1):11. Apr. 1977. SFA 22(4)

71-011531 Whitmore, D. H., Jr. and Hodges, D. H., Jr. /IN VITRO/ PESTICIDE INHIBITION OF MUSCLE ESTERASES OF THE MOSQUITOFISH, /GAMBUSIA AFFINIS/. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 59 (2): 145-149. 1978. SFA 23(3)

71-011532 Whittle, D. W. and Flood, K. W. ASSESSMENT OF THE ACUTE TOXICITY, GROWTH IMPAIRMENT, AND FLESH TAINTING POTENTIAL OF A BLEACHED KRAFT MILL EFFLUENT ON RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (6): 869-878. June 1977. In English with French summ. SFA 22(3)

71-011533 Wiener, J. G. and Giesy, J. P., Jr. CONCENTRATIONS OF CD, CU, MN, PB, AND ZN IN FISHES IN A HIGHLY ORGANIC SOFTWATER POND. *J. Fish Res. Board Can.* 36 (3): 270-279. Mar. 1979. In English with French summ. SFA 24(3)

71-011534 Wildish, D. J. and Lister, N. A. EFFECTS OF DIETARY FENITROTHION ON GROWTH AND HIERARCHICAL POSITION IN BROOK TROUT. *Prog. Fish-Cult.* 39 (1): 3-9. Jan. 1977. SFA 22(2)

71-011535 Winner, R. W. and Farrell, M. P. ACUTE AND CHRONIC TOXICITY OF COPPER TO FOUR SPECIES OF /DAPHNIA/. *J. Fish. Res. Board Can.* 33 (8): 1685-1691. Aug. 1976. SFA 21(3).

71-011536 Winner, R.; Caris, N. and Van Dyke, S. AN EVALUATION OF THE RESPONSE OF MACROINVERTEBRATE RIFFLE COMMUNITIES TO A CHRONIC COPPER STRESS IN AN EXPERIMENTALLY POLLUTED STREAM. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-011537 Witschi, W. A. and Ziebell, C. D. EVALUATION OF PH SHOCK ON HATCHERY-REARED RAINBOW TROUT. *Prog. Fish-Cult.* 41 (1): 3-5. Jan. 1979. SFA 24(2)

71-011538 Wohlgemuth, E. TOXICITY OF ENDRIN TO SOME SPECIES OF AQUATIC VERTEBRATES. *Prirodoved. Pr. Ustavu Cesk. Akad. Ved Brne* 11(6):1-38. 1977. SFA 23(1)

71-011539 Wong, P. T. S.; Chau, Y. K. and Luxon, P. L. TOXICITY OF A MIXTURE OF METALS ON FRESHWATER ALGAE. *J. Fish. Res. Board Can.* 35 (4): 479-481. Apr. 1978. In English with French summ. SFA 23(3)

71-011540 Woodward, D. F. and Mayer, F. L., Jr. TOXICITY OF THREE HERBICIDES (BUTYL, ISOOCTYL, AND PROPYLENE GLYCOL BUTYL ETHER ESTERS OF 2,4-D) TO CUTTHROAT TROUT AND LAKE TROUT. *U.S. Fish Wildl. Serv. Tech. Pap.* 97. 6p. 1978. SFA 24(2)

71-011541 Woodward, D. F. TOXICITY OF THE HERBICIDES DINOSEB AND PICLORAM TO CUTTHROAT (/SALMO CLARKI/) AND LAKE TROUT (/SALVELINUS NAMAYCUSH/). *J. Fish. Res. Board Can.* 33 (8): 1671-1676. Aug. 1976. In English with French summ. SFA 21(3).

71-011542 Wright, D. A. TOXICITY OF FLUORIDE TO BROWN TROUT FRY (/SALMO TRUTTA/). *Environ. Pollut.* 12 (1): 57-62. Jan. 1977. SFA 22(3)

71-011543 Wright, L. D. EFFECT OF MALACHITE GREEN AND FORMALIN ON THE SURVIVAL OF LARGEMOUTH BASS EGGS AND FRY. *Prog. Fish-Cult.* 38(3):155-157. July 1976. SFA 21(4)

71-011544 Yamagishi, T.; Akiyama, K.; Takahashi, R.; Morita, M.; Miyazaki, T. and Kaneko, S. DETERMINATION METHOD FOR RESIDUAL 1,3-DICHLORO- AND 1,3,5-TRICHLORO-2-(4-NITROPHENOXY) BENZENE (NIP AND CNP) IN FISH AND SHELLFISH. *Bull. Environ. Contam. Toxicol.* 23(1/2):57-63. Sept. 1979. SFA 25(1)

71-011545 Yamamoto, Y.; Ishii, T. and Ikeda, S. [STUDIES ON COPPER METABOLISM IN FISHES--II. THE SITE OF COPPER ACCUMULATION IN THE TISSUES OF CARP.] *Bull. Jpn. Soc. Sci. Fish.* 43 (11): 1327-1332. Nov. 1977. In Japanese with English summ. SFA 23(2)

71-011546 Yamamoto, Y.; Ishii, T.; Sato, M. and Ikeda, S. [EFFECT OF DIETARY ASCORBIC ACID ON THE ACCUMULATION OF COPPER IN CARP.] *Bull. Jpn. Soc. Sci. Fish.* 43 (8): 989-993. Aug. 1977. In Japanese with English summ. SFA 23(1)

71-011547 Yang, C.-F. and Sun, Y.-P. PARTITION DISTRIBUTION OF INSECTICIDES AS A CRITICAL FACTOR AFFECTING THEIR RATES OF ABSORPTION FROM WATER AND RELATIVE TOXICITIES TO FISH. *Arch. Environ. Contam. Toxicol.* 6 (2/3): 325-335. 1977. SFA 23(1)

71-011548 Yap, H. H.; Desaiah, D.; Cutkomp, L. K. and Koch, R. B. /IN VITRO/ INHIBITION OF FISH BRAIN ATPASE ACTIVITY BY CYCLODIENE INSECTICIDES AND RELATED COMPOUNDS. *Bull. Environ. Contam. Toxicol.* 14 (2): 163-167. Aug. 1975. SFA 21(4)

71-011549 Yasumoto, T.; Bagnis, R.; Thevenin, S. and Garcon, M. A SURVEY OF COMPARATIVE TOXICITY IN THE FOOD CHAIN OF CIGUATERA. *Bull. Jpn. Soc. Sci. Fish.* 43(8):1015-1019. Aug. 1977. SFA 23(1)

71-011550 Yasumoto, T.; Nakajima, I.; Bagnis, R. and Adachi, R. FINDING OF A DINOFLAGELLATE AS A LIKELY CULPRIT OF CIGUATERA. *Bull. Jpn. Soc. Sci. Fish.* 43(8):1021-1026. Aug. 1977. SFA 23(1)

71-011551 Yasuno, M.; S. Hatakeyama and M. Miyashita. EFFECTS ON REPRODUCTION IN THE GUPPY (*POECILIA RETICULATA*) UNDER CHRONIC EXPOSURE TO TEMEPHOS AND FENITROTHION. *Bull. Environ. Contam. Toxicol.* 25(1):29-33. July 1980. SFA 25(4)

71-011552 Yip, S. W. and Wong, M. H. THE EFFECTS OF SEWAGE SLUDGE ON THE GROWTH RATE OF CARP, /CYPRINUS CARPIO/ L. *Environ. Pollut.* 14 (2): 127-132. Oct. 1977. SFA 23(2)

71-011553 Yockim, R. S.; A. R. Isensee and E. A. Walker. BEHAVIOR OF TRIFLURALIN IN AQUATIC MODEL ECOSYSTEMS. *Bull. Environ. Contam. Toxicol.* 24(1):134-141. Jan. 1980. SFA 25(2)

71-011554 Yosha, S. F. and Cohen, G. M. EFFECT OF INTERMITTENT CHLORINATION ON DEVELOPING ZEBRAFISH EMBRYOS (/BRACHYDANIO RERIO/). *Bull. Environ. Contam. Toxicol.* 21 (4/5): 703-710. Mar. 1979. SFA 24(3)

71-011555 Yoshinaka, R.; Sato, M. and Ikeda, S. CHANGES IN THE MECHANICAL STRENGTH OF THE BONE AND IN THE COLLAGEN SOLUBILITY OF THE BONE AND THE SKIN OF CARP CAUSED BY BETA-AMINOPROPIONITRILE AND D-PENICILLAMINE. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 429-435. Apr. 1977. SFA 22(4)

71-011556 Zaba, B. N. and Harris, E. J. ACCUMULATION AND EFFECTS OF TRACE METAL IONS IN FISH LIVER MITOCHONDRIA. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 61 (1): 89-93. 1978. SFA 24(1)

71-011557 Zambriborshch, F. S. and Buy Lay. EFFECT OF HEXACHLORANE (HCCH) ON SOME HEMATOLOGICAL AND BIOCHEMICAL CHARACTERISITCS OF THE BLOOD OF THE ROUND GOBY (/GOBIUS MELANOSTOMUS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 507-510. 1977. SFA 23(3)

71-011558 Zambriborshch, F. S. and Lay, B. THE EFFECT OF HEXACHLORANE (HEXACHLOROCYCLOHEXANE [HCCH]) AND CHLOROPHOS ON UNDERYEARLINGS OF THE LEAPING GRAY MULLET /MUGIL SALIENS/. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(5):841-847. 1976. SFA 23(2)

71-011559 Zeitoun, I. H.; Hughes, L. D. and Ullrey, D. E. EFFECT OF SHOCK EXPOSURES OF CHLORINE ON THE PLASMA ELECTROLYTE CONCENTRATIONS OF ADULT RAINBOW TROUT (/SALMO GAIRDNERI/). *J. Fish. Res. Board Can.* 34 (7): 1034-1039. July 1977. In English with French summ. SFA 22(4)

71-011560 Zhirnova, A. A.; Shirokova, N. N. and Kol'gayev, A. M. THE EFFECT OF BASIC CUPROUS CARBONATE ON THE STATE OF THE LIVER IN JUVENILE AMUR AUTUMN CHUM (/ONCORHYNCHUS KETA/ INFRASP. /AUTUMNALIS/). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 453-456. 1974. SFA 21(2).

71-011561 Zitko, V. and Cunningham, T. D. FISH TOXICITY OF S-METHYL FENITROTHION. *Bull. Environ. Contam. Toxicol.* 14 (1): 19-24. July 1975. SFA 21(4)

71-011562 Zitko, V. and Carson, W. G. SEASONAL AND DEVELOPMENTAL VARIATION IN THE LETHALITY OF ZINC TO JUVENILE ATLANTIC SALMON (/SALMO SALAR/). *J. Fish. Res. Board Can.* 34 (1): 139-141. Jan. 1977. In English with French summ. SFA 22(2)

71-011563 Zitko, V. and Hutzinger, O. UPTAKE OF CHLORO- AND BROMOBIPHENYLS, HEXACHLORO- AND HEXABROMOBENZENE BY FISH. *Bull. Environ. Contam. Toxicol.* 16 (6): 665-673. Dec. 1976. SFA 22(3)

71-011564 Zitko, V. and Saunders, R. L. EFFECT OF PCBS AND OTHER ORGANOCHLORINE COMPOUNDS ON THE HATCHABILITY OF ATLANTIC SALMON (/SALMO SALAR/) EGGS. *Bull. Environ. Contam. Toxicol.* 21 (1/2): 125-130. Jan. 1979. SFA 24(2)

71-011565 Zitko, V. AROMATIC HYDROCARBONS IN AQUATIC FAUNA. *Bull. Environ. Contam. Toxicol.* 14(5):621-631. Nov. 1975. SFA 21(4)

71-011566 Zitko, V. THE ACCUMULATION OF POLYBROMINATED BIPHENYLS BY FISH. *Bull. Environ. Contam. Toxicol.* 17 (3): 285-292. Mar. 1977. SFA 22(3)

71-011567 Zitko, V. UPTAKE AND EXCRETION OF CHLORINATED AND BROMINATED HYDROCARBONS BY FISH. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 737. iii + 14p. Aug. 1977. In English with French summ. SFA 23(2)

71-011568 Zitko, V.; Carson, W. G. and Metcalfe, C. D. TOXICITY OF PYRETHROIDS TO JUVENILE ATLANTIC SALMON. *Bull. Environ. Contam. Toxicol.* 18(1):35-41. July 1977. SFA 22(4)

71-011569 Zitko, V.; McLeese, D. W.; Metcalfe, C. D. and Carson, W. G. TOXICITY OF PERMETHRIN, DECAMETHRIN, AND RELATED PYRETHROIDS TO SALMON AND LOBSTER. *Bull. Environ. Contam. Toxicol.* 21 (3): 338-343. Feb. 1979. SFA 24(3)

71-011570 Zitko, V.; McLeese, D. W.; Carson, W. G. and Welch, H. E. TOXICITY OF ALKYLDINITROPHENOLS TO SOME AQUATIC ORGANISMS. *Bull. Environ. Contam. Toxicol.* 16 (5): 508-515. Nov. 1976. SFA 22(3)

FISH TOXICANTS

71-011571 Allen, J. L. and Hunn, J. B. RENAL EXCRETION IN CHANNEL CATFISH FOLLOWING INJECTION OF QUINALDINE SULPHATE OR 3-TRIFLUOROMETHYL-4-NITROPHENOL. *J. Fish Biol.* 10 (5): 473-479. May 1977. SFA 22(3)

71-011572 Beard, T. D. IMPACT OF REPEATED ANTIMYCIN TREATMENTS ON THE ZOOPLANKTON AND BENTHIC ORGANISMS IN CAMP, LAMEREAU AND NANCY LAKES, BAYFIELD COUNTY, WISCONSIN. *Wis. Dep. Nat. Resour. Res. Rep.* 78. 10p. Dec. 1974. SFA 21(1).

71-011573 Buckner, J. L. and Perkins, C. J. THANITE: A FISH MANAGEMENT TOOL IN SOUTHLANDS EXPERIMENT FOREST PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 123-126. 1975. SFA 21(3).

71-011574 Chandler, J. H., Jr. and Marking, L. L. TOXICITY OF FISHERY CHEMICALS TO THE ASIATIC CLAM, /CORBICULA MANILENSIS/. *Prog. Fish-Cult.* 41(3):148-151. July 1979. SFA 25(1)

71-011575 Dawson, V. K.; Harman, P. D.; Schultz, D. P. and Allen, J. L. RAPID METHOD FOR DETERMINING CONCENTRATIONS OF BAYER 73 IN WATER DURING LAMPRICIDE TREATMENTS. *J. Fish. Res. Board Can.* 35 (9): 1262-1265. Sept. 1978. In English with French summ. SFA 24(1)

71-011576 Dawson, V. K.; Marking, L. L. and Bills, T. D. REMOVAL OF TOXIC CHEMICALS FROM WATER WITH ACTIVATED CARBON. *Trans. Am. Fish. Soc.* 105(1):119-123. Jan. 1976. SFA 21(1).

71-011577 Dawson, V. K.; Cumming, K. B. and Gilderhus, P. A. EFFICACY OF 3-TRIFLUOROMETHYL-4-NITROPHENOL (TFM), 2',5-DICHLORO-4'-NITROSALICYLANILIDE (BAYER 73), AND A 98:2 MIXTURE AS LAMPRICIDES IN LABORATORY STUDIES. *U.S. Fish Wildl. Serv. Invest. Fish Control* 77. 11p. 1977. SFA 22(3)

71-011578 Dwyer, W. P.; Mayer, F. L.; Allen, J. L. and Buckler, D. R. CHRONIC AND SIMULATED USE-PATTERN EXPOSURES OF BROOK TROUT (/SALVELINUS FONTINALIS/) TO 3-TRIFLUOROMETHYL-4-NITROPHENOL (TFM). *U.S. Fish Wildl. Serv. Invest. Fish Control* 84. 6p. 1978. SFA 23(4)

71-011579 Engstrom-Heg, R. and Colesante, R. T. PREDICTING ROTENONE DEGRADATION IN LAKES AND PONDS. *N.Y. Fish Game J.* 26(1):22-36. Jan. 1979. SFA 25(1)

71-011580 Engstrom-Heg, R.; Colesante, R. T. and Silco, E. ROTENONE TOLERANCES OF STREAM-BOTTOM INSECTS. *N.Y. Fish Game J.* 25 (1): 31-41. Jan. 1978. SFA 23(2)

71-011581 Engstrom-Heg, R. POTASSIUM PERMANGANATE DEMAND OF A STREAM BOTTOM. *N. Y. Fish Game J.* 23 (2): 155-159. july 1976. SFA 21(3).

71-011582 Gabica, J.; Benson, W. W. and Watson, M. A RAPID AND SENSITIVE METHOD FOR GAS CHROMATOGRAPHIC ANALYSIS OF THE SELECTIVE PISCICIDE, "SQUAXON". *Bull. Environ. Contam. Toxicol.* 15 (2): 155-161. Feb. 1976. SFA 21(4)

71-011583 Gilderhus, P. A. EFFICACY OF ANTIMYCIN FOR CONTROL OF LARVAL SEA LAMPREYS (/PETROMYZON MARINUS/) IN LENTIC HABITATS. *Great Lakes Fish Comm. Tech. Rep.* No. 34. p. 6-17. May 1979. SFA 24(4)

71-011584 Gomes, E. D. DETERMINATION OF TOXAPHENE BY BASIC ALCOHOLIC HYDROLYSIS AND FLORISIL SEPARATION. *Bull. Environ. Contam. Toxicol.* 17(4):456-462. Apr. 1977. SFA 22(3)

71-011585 Houf, L. J. and Campbell, R. S. EFFECTS OF ANTIMYCIN A AND ROTENONE ON MACROBENTHOS IN PONDS. *U.S. Fish Wildl. Serv. Invest. Fish Control* 80. 29p. 1977. SFA 23(1)

71-011586 Hudson, R. H. TOXICITIES OF THE LAMPRICIDES 3-TRIFLUOROMETHYL-4-NITROPHENOL (TFM) AND THE 2-AMINOETHANOL SALT OF 2', 5-DICHLORO-4'-NITROSALICYLANILIDE (BAYER 73) TO FOUR BIRD SPECIES. *U.S. Fish Wildl. Serv. Invest. Fish Control* 89. 5p. 1979. SFA 24(3)

71-011587 Hunn, J. B. and Allen, J. L. RESIDUE DYNAMICS OF QUINALDINE AND TFM IN RAINBOW TROUT. *Gen. Pharmac.* 6:15-18. 1975. SFA 21(1).

71-011588 Jacobi, G. Z. and Degan, D. J. AQUATIC MACROINVERTEBRATES IN A SMALL WISCONSIN TROUT STREAM BEFORE, DURING, AND TWO YEARS AFTER TREATMENT WITH THE FISH TOXICANT ANTIMYCIN. *U.S. Fish Wildl. Serv. Invest. Fish Control* 81. 24p. 1977. SFA 23(1)

71-011589 Kawatski, J. A. and Zittel, A. ACCUMULATION, ELIMINATION, AND BIOTRANSFORMATION OF THE LAMPRICIDE 2',5-DICHLORO-4'-NITROSALICYLANILIDE BY /CHIRONOMUS TENTANS/. *U.S. Fish Wildl. Serv. Invest. Fish Control* 79. 8p. 1977. SFA 22(3)

71-011590 Launer, C. A. and Bills, T. D. INFLUENCES OF SELECTED ENVIRONMENTAL FACTORS ON THE ACTIVITY OF A PROSPECTIVE FISH TOXICANT, 2-(DIGERANYLAMINO)-ETHANOL, IN LABORATORY TESTS. *U.S. Fish Wildl. Serv. Invest. Fish Control* 88. 4p. 1979. SFA 24(3)

71-011591 Lee, G. F.; Hughes, R. A. and Veith, G. D. EVIDENCE FOR PARTIAL DEGRADATION OF TOXAPHENE IN THE AQUATIC ENVIRONMENT. *Water Air Soil Pollut.* 8 (4): 479-484. Oct. 1977. SFA 23(1)

71-011592 Maki, A. W. and Johnson, H. E. THE FRESHWATER MUSSEL (/ANODONTA/ SP.) AS AN INDICATOR OF ENVIRONMENTAL LEVELS OF 3-TRIFLUOROMETHYL-4 4-NITROPHENOL (TFM). *U.S. Fish Wildl. Serv., Invest. Fish Control* No. 70. 5p. 1976. SFA 21(3).

71-011593 Maki, A. W. and Johnson, H. E. KINETICS OF LAMPRICIDE (TFM, 3-TRIFLUOROMETHYL -4-NITROPHENOL) RESIDUES IN MODEL STREAM COMMUNITIES. *J. Fish. Res. Board Can.* 34(2):276-281. Feb. 1977. In English with French summ. SFA 22(3)

71-011594 Maki, A. W. and Johnson, H. E. THE INFLUENCE OF LARVAL LAMPRICIDE (TFM: 3-TRIFLUORMETHYL-4-NITROPHENOL ON GROWTH AND PRODUCTION OF TWO SPECIES OF AQUATIC MACROPHYTES, /ELODEA CANADENSIS/ (MICHX.) PLANCHON AND /MYRIOPHYLLUM SPICATUM/ L. *Bull. Environ. Contam. Toxicol.* 17 (1): 57 65. Jan. 1977. SFA 22(3)

71-011595 Maki, A. W. and Johnson, H. E. EVALUATION OF A TOXICANT ON THE METABOLISM OF MODEL STREAM COMMUNITIES. *J. Fish. Res. Board Can.* 33(12):2740-2746. Dec. 1976. In English with French summ. SFA 22(1)

71-011596 Marking, L. L. and Chandler, J. H., Jr. SURVIVAL OF TWO SPECIES OF FRESHWATER CLAMS, /CORBICULA LEANA/ AND /MAGNONAIAS BOYKINIANA/, AFTER EXPOSURE TO ANTIMYCIN. *U.S. Fish Wildl. Serv. Invest. Fish Control* 83. 5p. 1978. SFA 23(4)

71-011597 Marking, L. L. and Bills, T. D. TOXICITY OF ROTENONE TO FISH IN STANDARDIZED LABORATORY TESTS. *U.S. Fish Wildl. Serv. Invest. Fish Control* 72. 11p. 1976. SFA 22(2)

71-011598 Mayer, F. L. and Mehrle, P. M. TOXICOLOGICAL ASPECTS OF TOXAPHENE IN FISH: A SUMMARY. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42: 365-373. 1977. SFA 23(1)

71-011599 Mayer, F. L.; Mehrle, P. M. and Crutcher, P. L. INTERACTIONS OF TOXAPHENE AND VITAMIN C IN CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 107 (2): 326-333. Mar. 1978. SFA 23(3)

71-011600 Mayer, F. L., Jr.; Mehrle, P. M., Jr. and Dwyer, W. P. TOXAPHENE: CHRONIC TOXICITY TO FATHEAD MINNOWS AND CHANNEL CATFISH. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-77-069. ix + 39p. June 1977. SFA 23(1)

71-011601 Mayer, F. L., Jr.; Mehrle, P. M., Jr. and Dwyer, W. P. TOXAPHENE EFFECTS ON REPRODUCTION, GROWTH, AND MORTALITY OF BROOK TROUT. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-75-013. viii + 42p. Nov. 1975. SFA 21(1).

71-011602 Meyer, F. P.; Schnick, R. A. and Cumming, K. B. REGISTRATION STATUS OF FISHERY CHEMICALS, FEBRUARY 1976. *Prog. Fish-Cult.* 38(1):3-7. Jan. 1976. SFA 21(1).

71-011603 Nandy, A. C. and Chakrabarty, D. P. A NOTE ON THE USE OF UNRIPE FRUITS OF /RANDIA DUMETORUM/ LAM. AS A FISH POISON. *J. Inland Fish. Soc. India* 8:134-136. Dec. 1976. SFA 24(3)

71-011604 Niblett, P. D. and B. A. McKeown. EFFECT OF THE LAMPREY LARVICIDE TFM (3-TRIFLUOROMETHYL-4-NITROPHENOL) ON EMBRYONIC DEVELOPMENT OF THE RAINBOW TROUT (*SALMO GAIRDNERI*, RICHARDSON). *Water Res.* 14(5):515-519. 1980. SFA 25(3)

71-011605 Orciari, R. D. ROTENONE RESISTANCE OF GOLDEN SHINERS FROM A PERIODICALLY RECLAIMED POND. *Trans. Am. Fish. Soc.* 108(6):641-645. Nov. 1979. SFA 25(2)

71-011606 Prentice, J. A.; Durocher, P. P. and Pritchard, D. L. EVALUATION OF ANHYDROUS AMMONIA FOR FISHERY MANAGEMENT USES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:88-98. 1976[1978]. SFA 24(1)

71-011607 Rye, R. P., Jr. and King, E. L., Jr. ACUTE TOXIC EFFECTS OF TWO LAMPRICIDES TO TWENTY-ONE FRESHWATER INVERTEBRATES. *Trans. Am. Fish. Soc.* 105(2):322-326. Mar. 1976. SFA 21(2).

71-011608 Sanders, H. O. TOXICITY OF THE MOLLUSCICIDE BAYER 73 AND RESIDUE DYNAMICS OF BAYER 2353 IN AQUATIC INVERTEBRATES. *U.S. Fish Wildl. Serv. Invest. Fish Control* 78. 7p. 1977. SFA 22(3)

71-011609 Schaper, R. A. and Crowder, L. A. UPTAKE OF ^{36}CL-TOXAPHENE IN MOSQUITO FISH, /GAMBUSIA AFFINIS/. *Bull. Environ. Contam. Toxicol.* 15(5):581-587. May 1976. SFA 21(4)

71-011610 Schimmel, S. C.; Patrick, J. M., Jr. and Forester, J. UPTAKE AND TOXICITY OF TOXAPHENE IN SEVERAL ESTUARINE ORGANISMS. *Arch. Environ. Contam. Toxicol.* 5 (3): 353-367. 1977. SFA 22(3)

71-011611 Schultz, D. P. and Harman, P. D. HYDROLYSIS AND PHOTOLYSIS OF THE LAMPRICIDE 2', 5-DICHLORO-4'-NITROSALICYLANILIDE (BAYER 73). *U.S. Fish Wildl. Serv. Invest. Fish Control* 85. 5p. 1978. SFA 23(4)

71-011612 Schultz, D. P. and Harman, P. D. ANTIMYCIN: UPTAKE, DISTRIBUTION, AND ELIMINATION IN BROWN BULLHEADS (/ICTALURUS NEBULOSUS/). *J. Fish. Res. Board Can.* 33 (5): 1121-1129. May 1976. In English with French summ. SFA 21(2).

71-011613 Serns, S. L. EFFECTS OF PRO-NOXFISH® ON THE BENTHOS AND ZOOPLANKTON OF BUG LAKE, FOREST COUNTY, WISCONSIN. *Water Resour. Bull.* 5(2). Oct. 1979. SFA 25(3)

71-011614 Shirgur, G. A. INDICATION OF SAFE POISON MATERIALS FROM INDIGENOUS PLANTS FOR CLEARING UNWANTED FISHES FROM NURSERY PONDS. *Indian J. Fish.* 22 (1,2): 126-132. 1975. SFA 23(3)

71-011615 Sills, J. B. and Allen, J. L. RESIDUES OF 3-TRIFLUOROMETHYL-4-NITROPHENOL (TFM) UNDETECTED IN LAKE TROUT AND CHINOOK SALMON FROM THE UPPER GREAT LAKES. *Prog. Fish-Cult.* 38 (4): 197. Oct. 1976. SFA 21(4).

71-011616 Stalling, D. L. and Huckins, J. N. ANALYSIS AND GC-MS CHARACTERIZATION OF TOXAPHENE IN FISH AND WATER. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-76-076. ix + 43p. Aug. 1976. SFA 23(3)

71-011617 Thruston, A. D., Jr. A QUANTITATIVE METHOD FOR TOXAPHENE BY GC-CI-MS SPECIFIC ION MONITORING. *U.S. Environ. Prot. Agency Environ. Monit. Ser.* EPA-600/4-76-010. vi + 22p. Mar. 1976. SFA 21(1).

71-011618 Wilson, J. H. and Masnik, M. T. POSSIBLE IMPLICATION OF TOXAPHENE AS A CAUSATIVE AGENT FOR LARVAL FISH ABNORMALITIES IN A SOUTH-CENTRAL RESERVOIR. *Va. J. Sci.* 29 (2): 71. 1978. Abstract only. SFA 24(4)

RESEARCH AND MANAGEMENT-GENERAL

71-011619 Adams, P. B. LIFE HISTORY PATTERNS IN MARINE FISHES AND THEIR CONSEQUENCES FOR FISHERIES MANAGEMENT. *NOAA Fish. Bull.* 78(1):1-12. 1980. SFA 25(4)

71-011620 Anderson, L. G. NECESSARY COMPONENTS OF ECONOMIC SURPLUS IN FISHERIES ECONOMICS. *Can. J. Fish. Aquatic Sci.* 37(5):858-870. May 1980. In English with French summ. SFA 25(3)

71-011621 Anderson, R. O. OPTIMUM SUSTAINABLE YIELD IN INLAND RECREATIONAL FISHERIES MANAGEMENT. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:29-38. Sept. 1974[1975]. SFA 21(1).

71-011622 Anderson, R. O. FACTORS INFLUENCING THE QUALITY OF LARGEMOUTH BASS FISHING. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 183-194. 1975. SFA 21(3).

71-011623 Andrews, R. QUALITY FISHING. A CONCEPT FOR ALASKA SPORT FISH MANAGEMENT. *Alaska Fish Tales Game Trails* 10(2):1, 16, 22. Mar.-Apr. 1977. SFA 22(3)

71-011624 Association of Scottish District Salmon Fishery Boards. SALMON FISHERIES OF SCOTLAND. *Fishing News Books Ltd., Farnham, Surrey, England* 79p. 1977. SFA 23(2)

71-011625 Atlantic States Marine Fisheries; Commission Gulf States Marine Fisheries Commission and Pacific Marine Fisheries Commission. A REPORT ON THE CONGRESS. EASTLAND FISHERIES SURVEY. *NOAA Grant* No. 04-5-158-68. iii + 91p. May 1977. SFA 23(1)

71-011626 Bassett, B. RESOURCE MANAGEMENT TO INSURE FISHING OPPORTUNITIES--THE VIEW FROM ARIZONA. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:217-221. July 1975. SFA 22(3)

71-011627 Beaumariage, D. S. FISHING FOR FUN AND PROFIT. *Fisheries (Bull. Am. Fish. Soc.)* 3(3):16, 18, 20-21. May-June 1978. SFA 23(4)

71-011628 Berdichevskiy, L. S. and Ioganzen, B. G. SIXTY YEARS OF SOVIET ICHTHYOLOGY (1917-1977). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(6):821-834. 1977. SFA 24(1)

71-011629 Berkes, F. AN INVESTIGATION OF CREE INDIAN DOMESTIC FISHERIES IN NORTHERN QUEBEC. *Arctic* 32(1):46-70. Mar. 1979. In English with French summ. SFA 24(3)

71-011630 Berry, C. R., Jr. INFORMATION AND EDUCATION PROGRAMS IN FEDERAL AGENCIES DEALING WITH FISHERIES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:442-462. 1976. SFA 23(2)

71-011631 Berryman, J. H. TOWARD EXPANDED PROGRAM SUPPORT: A NATIONAL APPROACH TO FISH AND WILDLIFE EXTENSION EDUCATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:351-363. 1977. SFA 23(1)

71-011632 Bishop, R. C. FISH AND WILDLIFE ECONOMICS: DOLLAR VALUATION AND BEYOND. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:207-215. 1978. SFA 24(4)

71-011633 Burstall, P. J. SPORT FISHERIES. *In V. H. Jolly and J. M. A. Brown, (eds.). New Zealand Lakes. Auckland Univ. Press/Oxford Univ. Press.* p. 308-350. 1975. SFA 21(1).

71-011634 Byrd, I. B. HOMER SCOTT SWINGLE. JULY 29, 1902 - MAY 20, 1973. *J. Mar. Sci.* 2(3):1-7. 1974. SFA 22(3)

71-011635 Cairns, J., Jr.; Dickson, K. L. and Herricks, E. E., (eds.). RECOVERY AND RESTORATION OF DAMAGED ECOSYSTEMS. *Univ. Press Va., Charlottesville.* 448p. 1977. SFA 22(3)

71-011636 Carlton, F. E. OPTIMUM SUSTAINABLE YIELD AS A MANAGEMENT CONCEPT IN RECREATIONAL FISHERIES. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:45-49. Sept. 1974[1975] SFA 21(1)

71-011637 Carver, J. A., Jr. WILL THE TREND TOWARD CONGRESSIONAL PREEMPTION OF STATES IN WILDLIFE MATTERS CONTINUE? *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:70-82. 1976. SFA 23(2)

71-011638 Cauvin, D. M. REGULATING ACCESS IN CANADA'S INLAND FISHERIES. *J. Fish. Res. Board Can.* 36(7):827-836. July 1979. In English with French summ. SFA 24(4)

71-011639 Chasan, D. J. THE BOLDT DECISION--THREE YEARS LATER. *Pac. Search* 11(6):13-14. Apr. 1977. SFA 22(3)

71-011640 Clark, R. D., Jr. and Lackey, R. T. MANAGING TRENDS IN ANGLER CONSUMPTION IN FRESHWATER RECREATIONAL FISHERIES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:367-377. 1975. SFA 21(3).

71-011641 Clepper, H.,(ed.). BLACK BASS BIOLOGY AND MANAGEMENT. *Black Bass Biology and Management, Sport Fishing Inst., Washington, D.C.* ix + 534p. 1975. SFA 21(3).

71-011642 Colby, P. J. and Wigmore, R. H., (eds.). PROCEEDINGS OF THE 1976 PERCID INTERNATIONAL SYMPOSIUM (PERCIS). *J. Fish. Res. Board Can.* 34(10):1445-1999. Oct. 1977. SFA 23(1)

71-011643 Crawford, J. E. and Lewis, D. E. U.S. BUREAU OF LAND MANAGEMENT VIEWS: WILDLIFE AND WILDERNESS MANAGEMENT ON THE PUBLIC LANDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:362-367. 1978. SFA 24(1)

71-011644 Cross, G. H. and Groves, D. L. THE IMPACT OF THE "ENVIRONMENTAL MOVEMENT" UPON HUNTING AND FISHING. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:776-786. 1975. SFA 21(3).

71-011645 Crutchfield, J. A. AN ECOMONIC VIEW OF OPTIMUM SUSTAINABLE YIELD. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:13-19. Sept. 1974[1975]. SFA 21(1).

71-011646 Cutright, N. J. and Kibbe, D. P. A PARTIAL BIBLIOGRAPHY ON RARE AND ENDANGERED SPECIES. *Vt. Inst. Nat. Sci. Publ.* No. 5. 1978. SFA 23(2)

71-011647 Dahlberg, M. L. HISTORY OF THE FISHERY AND SUMMARY STATISTICS OF THE SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, RUNS TO THE CHIGNIK LAKES, ALASKA. *NOAA Tech. Rep. NMFS SSRF* 735. iv + 16p. Aug. 1979. SFA 25(1)

71-011648 de Groot, S. J. PIETER KORRINGA AND HIS CONTRIBUTIONS TO SCIENCE AND FISHERY MANAGEMENT IN THE PERIOD 1937-1978. *Neth. J. Zool.* 28(1):1-12. Mar. 1978. SFA 24(1)

71-011649 Dickie, L. M. PERSPECTIVES ON FISHERIES BIOLOGY AND IMPLICATIONS FOR MANAGEMENT. *J. Fish. Res. Board Can.* 36(7):838-844. July 1979. In English with French summ. SFA 24(4)

71-011650 Duttweiler, M. W. USE OF QUESTIONNAIRE SURVEYS IN FORMING FISHERY MANAGEMENT POLICY. *Trans. Am. Fish. Soc.* 105(2):232-239. Mar. 1976. SFA 21(2).

71-011651 Evans, B. SIERRA CLUB'S VIEWS: FISH AND WILDLIFE MANAGEMENT AND WILDERNESS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:386-390. 1978. SFA 24(1)

71-011652 FAO of the UN. REPORT OF THE TENTH SESSION OF THE EUROPEAN INLAND FISHERIES ADVISORY COMMISSION. HAMBURG, 20-27 JUNE 1978. *FAO Fish. Rep.* No. 219. vi + 62p. 1979. SFA 25(1)

71-011653 Fisheries Research Board of Canada. FISHERIES AND AQUATIC SCIENCES IN CANADA: AN OVERVIEW. *J. Fish. Res. Board Can.* 34(5):710-727. May 1977. In English with French summ. SFA 22(3)

71-011654 Foyle Fisheries Commission. TWENTY-THIRD ANNUAL REPORT, 1974. *Foyle Fish. Comm.* viii + 108p. Mar. 1975. SFA 21(1).

71-011655 Fullerton, C. CALIFORNIA'S VIEWS ON THE DIRECTION OF FEDERAL FISH AND WILDLIFE LEGISLATION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:21-26. July 1975. SFA 22(3)

71-011656 Gibbs, E. J. QUINNAT SALMON MANAGEMENT IN SOUTH WESTLAND. *Wildl. Rev. N.Z. Wildl. Serv.* No. 9. p. 5-8. 1978. SFA 24(4)

71-011657 Graff, D. R. SOME THOUGHTS ON TROUT MANAGEMENT IN THE '80S. *Pa. Angler* 49(9):16-19. Sept. 1980. SFA 25(4)

71-011658 Grant, B. F.; Putz, R. E.; Hutton, R. F.; Dillard, J. G.; Regier, H. A. and Kirkland, L. A. STATUS OF CURRENT RESEARCH IN FISHERIES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:157-165. 1979. SFA 25(1)

71-011659 Griswold, R. K. IAFWA WILDERNESS POLICY: FOREST SERVICE VIEWS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:368-371. 1978. SFA 24(1)

71-011660 Gulland, J. A. FISHERY MANAGEMENT: NEW STRATEGIES FOR NEW CONDITIONS. *Trans. Am. Fish. Soc.* 107(1):1-11. Jan. 1978. SFA 23(3)

71-011661 Harville, J. P. MULTIDISCIPLINARY ASPECTS OF OPTIMUM SUSTAINABLE YIELD. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:51-64. Sept. 1974[1975] SFA 21(1).

71-011662 Hatcher, R. M. CRITICAL ENERGY CHOICES: POTENTIAL FISH AND WILDLIFE IMPACTS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:253-265. 1978. SFA 24(1)

71-011663 Haussler, R. B. CALIFORNIA'S FRESHWATER ENVIRONMENTAL PROBLEMS. *Cal-Neva Wildl.* 1979:45-54. 1979. SFA 25(2)

71-011664 Hendee, J. C. and Bryan, H. SOCIAL BENEFITS OF FISH AND WILDLIFE CONSERVATION. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:234-254. 1978. SFA 24(4)

71-011665 Henderson, S. DON'T BELIEVE EVERYTHING YOU READ. *Ark. Game Fish* 10(1):20-23. 1978. SFA 23(4)

71-011666 Herdendorf, C. E. ENVIRONMENTAL IMPACT ASSESSMENT: AN AQUATIC BIOLOGIST'S POINT OF VIEW. *Ohio J. Sci.* 78(4):229-234. July 1978. SFA 24(1)

71-011667 Holbrook, J. A. II. BASS FISHING TOURNAMENTS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 408-415. 1975. SFA 21(3).

71-011668 Holubetz, T. RESOURCE MANAGEMENT TO INSURE FISHING OPPORTUNITIES--THE VIEW FROM IDAHO. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:215-216. July 1976. SFA 22(3)

71-011669 Hoover, R. L. IAFWA WILDERNESS POLICY: STATE WILDLIFE AGENCY VIEWS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:372-380. 1978. SFA 24(1)

71-011670 Horn, M. H. IN HONOR OF CARL L. HUBBS. *Bull. South. Calif. Acad. Sci.* 75(2):57-59. Aug. 1976. SFA 22(2)

71-011671 Huang, C. C.; Vertinsky, I. B. and Wilimovsky, N. J. OPTIMAL CONTROLS FOR A SINGLE SPECIES FISHERY AND THE ECONOMIC VALUE OF RESEARCH. *J. Fish. Res. Board Can.* 33(4,1):793-809. Apr. 1976. In English with French summ. SFA 21(2).

71-011672 Huey, W. S. HIGHLIGHTS OF THE POLICY: FISH AND WILDLIFE MANAGEMENT FOR PRIMITIVE AREAS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:358-361. 1978. SFA 24(1)

71-011673 Hulbert, P. J. and R. Engstrom-Heg. HOOKING MORTALITY OF WORM-CAUGHT HATCHERY BROWN TROUT. *N.Y. Fish Game J.* 27(1):1-10. Jan. 1980. SFA 25(3)

71-011674 International Association of Fish and Wildlife Agencies. PROCEEDINGS OF THE SIXTY-SEVENTH CONVENTION, INTERNATIONAL ASSOCIATION OF FISH AND WILDLIFE AGENCIES. *Proc. Int. Assoc. Fish Wildl. Agencies* 67:ix + 334p. 1977(1978). SFA 23(4)

71-011675 Jahn, L. R. and Trefethen, J. B. NATIONAL CONSERVATION ORGANIZATION'S VIEWS ON THE DIRECTION OF FEDERAL FISH AND WILDLIFE LEGISLATION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:27-35. July 1975. SFA 22(3)

71-011676 Jensen, A. C. OFFSHORE OIL AND FISHERY RESOURCES. *N.Y. Fish Game J.* 23(2):138-148. July 1976. SFA 21(3).

71-011677 Johnson, J. E. REALISTIC MANAGEMENT OF ENDANGERED SPECIES: PROGRESS TO DATE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 298-301. July 1977. SFA 23(3)

71-011678 Kaczynski, V. W. VIEWS FROM THE PRIVATE SECTOR ON ETHICS AND PROFESSIONALISM IN FISHERIES BIOLOGY. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:215-219. 1976. SFA 23(2)

71-011679 Kendall, R. L., (ed.) SELECTED COOLWATER FISHES OF NORTH AMERICA. *Am. Fish. Soc. Spec. Publ.* no. 11. xii + 437p. 1978. SFA 25(4)

71-011680 Kerr, S. R. ECOLOGICAL ANALYSIS AND THE FRAY PARADIGM. *J. Fish. Res. Board Can.* 33(2):329-332. Feb. 1976. In English with French summ. SFA 21(1)

71-011681 Klontz, G. W. PROFESSIONALISM: THE ACADEMIC BACKGROUND. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:220-223. 1976. SFA 23(2)

71-011682 Lackey, R. T. REQUIEM FOR FISHERIES RESEARCH: DECISION CRITERIA FOR BUDGET ALLOCATION. *Fisheries (Bull. Am. Fish. Soc.)* 3(2):6-7. Mar.-Apr. 1978. SFA 23(4)

71-011683 Lackey, R. T.; Powers, J. E. and Zuboy, J. R. MODELING TO IMPROVE MANAGEMENT OF BASS FISHERIES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 430-435. 1975. SFA 21(3)

71-011684 Landry, J. L.; McCaffrey, E. R. and Hirsch, L. P. A RATING SYSTEM FOR THREATENED AND ENDANGERED SPECIES OF WILDLIFE. *N.Y. Fish Game J.* 26(1):11-21. Jan. 1979. SFA 25(1)

71-011685 Larkin, P. A. GIMME THAT OLD TIME RELIGION: WHERE NEXT IN FISH & WILDLIFE MANAGEMENT. *Proc. Int. Assoc. Fish Wildl. Agencies* 67:7-11. 1977(1978). SFA 23(4)

71-011686 Larkin, P. A. MAYBE YOU CAN'T GET THERE FROM HERE: A FORESHORTENED HISTORY OF RESEARCH IN RELATION TO MANAGEMENT OF PACIFIC SALMON. *J. Fish. Res. Board Can.* 36(1):98-106. Jan. 1979. In English with French summ. SFA 24(2)

71-011687 Larkin, P. PACIFIC SALMON SCENARIOS FOR THE FUTURE. *Univ. Wash. Sea Grant Publ.* 80-3. 23p. Sept. 1980. SFA 25(4)

71-011688 Leggett, R. L. A CONGRESSIONAL VIEW OF THE QUESTION: "WILL THE TREND TOWARD CONGRESSIONAL PREEMPTION OF THE STATES IN FISH AND WILDLIFE MATTERS CONTINUE?" *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:58-62. 1976. SFA 23(2)

71-011689 Leggett, R. L. DIRECTIONS OF PAST AND NEW FISH AND WILDLIFE LEGISLATION BY CONGRESS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:7-20. July 1975. SFA 22(3)

71-011690 Lenzini, P. A. WILL THE TREND TOWARD CONGRESSIONAL PREEMPTION OF THE STATES IN WILDLIFE MATTERS CONTINUE? *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:63-69. 1976. SFA 23(2)

71-011691 Leopold, M., (compiler). GLOSSARY OF INLAND FISHERY TERMS. *FAO of the UN EIFAC Occas. Pap.* no. 12. iii + 126p. 1978. SFA 24(3)

71-011692 Lewis, W. M.; Heidinger, R. C. and Anderson, R. O. SPECIAL SESSION: GRASS CARP IN THE UNITED STATES. SUMMARY AND EVALUATION. *Trans. Am. Fish. Soc.* 107(1):223-224. Jan. 1978. SFA 23(3)

71-011693 Lindberg, G. U. LEV SEMENOVICH BERG AS ICHTHYOLGIST (ON THE CENTENARY OF HIS BIRTH). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(4):653-656. 1976. SFA 23(1)

71-011694 Loftus, K. H. A NEW APPROACH TO FISHERIES MANAGEMENT AND F.E.J. FRY'S ROLE IN ITS DEVELOPMENT. *J. Fish. Res. Board Can.* 33(2):321-325. Feb. 1976. In English with French summ. SFA 21(1)

71-011695 Loftus, K. H. SCIENCE FOR CANADA'S FISHERIES REHABILITATION NEEDS. *J. Fish. Res. Board Can.* 33(8):1822-1857. Aug. 1976. In English with French summ. SFA 21(3)

71-011696 Lynch, J. T. THE ROLE OF LAW ENFORCEMENT IN NEW YORK FISHERIES MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 4(5):2, 4-6. Sept.-Oct. 1979. SFA 25(1)

71-011697 Maher, F. P. THE SPORT FISHERY FUTURE IN ONTARIO. *Ont. Fish Wildl. Rev.* 18(1):24-28. 1979. SFA 25(1)

71-011698 Manfredo, M. J.; Brown, P. J. and Haas, G. E. FISHERMAN VALUES IN WILDERNESS. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:276-297. 1978. SFA 24(4)

71-011699 Marcoux, R. RESOURCE MANAGEMENT TO INSURE FISHING OPPORTUNITIES--THE VIEW FROM MONTANA. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:222-227. July 1975. SFA 22(3)

71-011700 Marmelstein, A., (general chairman). CLASSIFICATION, INVENTORY, AND ANALYSIS OF FISH AND WILDLIFE HABITAT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/76. v + 604p. 1978(1977). SFA 24(2)

71-011701 Mason, W. T., Jr.; C. T. Cushwa; L. J. Slaski and D. N. Gladwin. A PROCEDURE FOR DESCRIBING FISH AND WILDLIFE CODING INSTRUCTIONS FOR PENNSYLVANIA. (2 vol.). *U.S. Fish Wildl. Serv.* FWS/OBS-79/19. ix + 21p. Dec. 1979. SFA 25(3)

71-011702 Massmann, W. H. D-J UPDATE. *Fisheries (Bull. Am. Fish. Soc.)* 2(6):2-7. Nov.-Dec. 1977. SFA 23(2)

71-011703 Massmann, W. H. 25 YEARS OF FEDERAL-STATE COOPERATION FOR IMPROVING SPORT FISHING. *U.S. Fish Wildl. Ser.* 37p. 1976. SFA 21(2)

71-011704 Mauermann, R. G. OPTIMUM SUSTAINABLE YIELD--COMMERCIAL FISHERIES VIEWS. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:39-43. Sept. 1974[1975] SFA 21(1)

71-011705 May, R. H. THE SEMANTICS OF MODERN TROUT MANAGEMENT: AN ANGLER'S VIEW. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:77-83. 1980. SFA 25(4)

71-011706 McMinds, G. R. THE NORTHWEST FISHING RIGHTS CONTROVERSY: AN INDIAN PERSPECTIVE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:604-617. 1979. SFA 25(1)

71-011707 Melteff, B. R., ed. ALASKA FISHERIES: 200 YEARS AND 200 MILES OF CHANGE. *Proc. Alaska Sci. Conf.* 29:1-796. Aug. 1979. SFA 25(2)

71-011708 Merritt, C. R. IAFWA WILDERNESS POLICY: THE WILDERNESS SOCIETY'S VIEWS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:381-385. 1978. SFA 24(1)

71-011709 Meyer, P. A. MEASUREMENT OF COMPENSATION FOR LOSSES TO FISH AND WILDLIFE. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:216-228. 1978. SFA 24(4)

71-011710 Mitchell, C. L. BIOECONOMICS OF COMMERCIAL FISHERIES MANAGEMENT. *J. Fish. Res. Board Can.* 36(6):699-704. June 1979. In English with French summ. SFA 24(4)

71-011711 Montanari, J. H. and Kusler, J. A., (symp. co-chairman). NATIONAL WETLAND PROTECTION SYMPOSIUM. *U.S. Fish Wildl. Serv.* FWS/OBS-78/97. viii + 255p. Nov. 1978. SFA 24(3)

71-011712 Morache, M. INVOLVING THE "PUBLICS" IN FISHERIES MANAGEMENT PROGRAMS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:439-441. 1976. SFA 23(2)

71-011713 Moyle, P. B.; Wick, W. O.; Andrews, R. E.; Noble, R. L.; Jenkins, R. M. and Saila, S. B. RESEARCH NEEDS IN FISHERIES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:176-187. 1979. SFA 25(1)

71-011714 Nelson, T. C. A NEW DAY HAS DAWNED FOR FISH AND WILDLIFE MANAGEMENT. *Proc. Int. Assoc. Fish Wildl. Agencies* 67:110-114. 1977(1978). SFA 23(4)

71-011715 Nicholas, D. VIEW OF THE NATIONAL INDIAN BROTHERHOOD OF CANADA. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:601-603. 1979. SFA 25(1)

71-011716 Nielsen, L. A. and Summers, P. B., Jr. JOURNAL USE IN FISHERIES AS DETERMINED BY CITATION ANALYSIS. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):10-11, 21. Mar.-Apr. 1979. SFA 24(4)

71-011717 Nikol'skiy, G. V. SOME PROBLEMS OF ICHTHYOLOGY IN RELATION TO THEORETICAL PRINCIPLES FOR INCREASING AQUATIC PRODUCTIVITY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):183-190. 1976. SFA 22(3)

71-011718 Organization for Economic Co-operation and Development. REVIEW OF FISHERIES IN OECD MEMBER COUNTRIES 1976. *Organization for Economic Co-operation and Development, Paris* ii + 252p. 1977. SFA 22(4)

71-011719 Parenteau, P. A. UNFULFILLED MITIGATION REQUIREMENTS OF THE FISH AND WILDLIFE COORDINATION ACT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:179-184. 1977. SFA 23(1)

71-011720 Pehrson, R. V. IDAHO FISH AND WILDLIFE MITIGATION -- COMPLICATIONS AND CONSEQUENCES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:263-266. July 1977. SFA 23(3)

71-011721 Peine, J. D. THE 1977 NATIONAL OUTDOOR RECREATION SURVEYS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:108-116. 1978. SFA 24(1)

71-011722 Pelzman, R. J. HOOKING MORTALITY OF JUVENILE LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/. *Calif. Fish Game* 64(3):185-188. July 1978. SFA 24(1)

71-011723 Penaz, M. and Lusk, S. THE PAST, PRESENT AND FUTURE OF CZECHOSLOVAK ICHTHYOLOGY. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):461-466. 1974. SFA 21(2)

71-011724 Peshkevich, A. N.; Votinov, N. P.; Koz'min, Yu. A.; Rizvanov, R. A; Siginevich, G. P.; Polymskiy, V. N.; Zamyatin, V. A. and Noreyko, D. S. COMPOSITION OF STOCKS AND REPRODUCTION OF COMMERCIAL FISHES IN WATERS OF SIBERIA AND THE URAL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(3):360-373. 1975. SFA 21(4)

71-011725 Peterman, R. M. DYNAMICS OF NATIVE INDIAN FOOD FISHERIES ON SALMON IN BRITISH COLUMBIA. *Can. J. Fish. Aquatic Sci.* 37(4):561-566. Apr. 1980. SFA 25(2)

71-011726 Plosila, D. S. A LAKE TROUT MANAGEMENT PROGRAM FOR NEW YORK STATE. *N.Y. State Dep. Environ. Conserv. Bur. Fish.* 68p. Apr. 1977. SFA 23(1)

71-011727 Prentice, J. A.; Clark, R. D., Jr. and Carter, N. E. WALLEYE ACCEPTANCE--A NATIONAL VIEW. *Fisheries (Bull. Am. Fish. Soc.)* 2(5):15-17. Sept.-Oct. 1977. SFA 23(1)

71-011728 Ramsay, W. PRIORITIES IN SPECIES PRESERVATION. *Environ. Aff.* 5(4):595-616. 1976. SFA 22(4)

71-011729 Randall, A. CONTINGENT VALUATION METHODS FOR FISH AND WILDLIFE RESOURCES. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies.* 58:229-233. 1978. SFA 24(4)

71-011730 Reigier, H. A. SCIENCE FOR THE SCATTERED FISHERIES OF THE CANADIAN INTERIOR. *J. Fish. Res. Board Can.* 33(5):1213-1232. May 1976. In English with French summ. SFA 21(2)

71-011731 Roedel, P. M., (ed.) OPTIMUM SUSTAINABLE YIELD AS A CONCEPT IN FISHERIES MANAGEMENT. *Am. Fish. Soc. Spec. Publ.* No. 9. vii + 89p. Sept. 1974[1975]. SFA 21(1).

71-011732 Sarig, S. FISHERIES AND FISH CULTURE IN ISRAEL IN 1976. *Bamidgeh* 29(3):75-86. Sept. 1977. SFA 23(2)

71-011733 Saunders, R. L. THE STOCK CONCEPT - A MAJOR CONSIDERATION IN SALMON RESTORATION. *N. Am. Salmon Res. Cent. Rep.* No. 3. 6p. 1979. SFA 25(2)

71-011734 Schreiner, K. M. FEDERAL VIEW OF "REALISTIC" ENDANGERED SPECIES ADMINISTRATION AND MANAGEMENT. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 291-297. July 1977. SFA 23(3)

71-011735 Schwartz, H. S. MISSOURI "DESIGN FOR CONSERVATION". *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:583-586. 1977[1979]. SFA 24(4)

71-011736 Seidensticker, E. P. TEXAS BASS CLUBS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:96-103. 1975. SFA 21(3).

71-011737 Sersland, H. N. FISH AND WILDLIFE MITIGATION ON U. S. BUREAU OF RECLAMATION PROJECTS UPPER COLORADO REGION--PAST AND FUTURE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:257-262. July 1977. SFA 23(3)

71-011738 Shay, R. ARE FISHERY BIOLOGISTS REALLY PROFESSIONALS? *Fisheries (Bull. Am. Fish. Soc.)* 3(5):270. Sept.-Oct. 1978. SFA 24(1)

71-011739 Shupp, B. D. 1978 STATUS OF BASS FISHING TOURNAMENTS IN THE UNITED STATES. *Fisheries (Bull. Am. Fish. Soc.)* 4(6):11-18. Nov.-Dec. 1979. SFA 25(2)

71-011740 Silvert, W. THE PRICE OF KNOWLEDGE: FISHERIES MANAGEMENT AS A RESEARCH TOOL. *J. Fish. Res. Board Can.* 35(2):208-212. Feb. 1978. In English with French summ. SFA 23(2)

71-011741 Silvert, W. THE ECONOMICS OF OVER-FISHING. *Trans. Am. Fish. Soc.* 106(2):121-130. Mar. 1977. SFA 22(3)

71-011742 Sinclair, W. F. MANAGEMENT ALTERNATIVES AND STRATEGIC PLANNING FOR CANADA'S FISHERIES. *J. Fish. Res. Board Can.* 35(7):1017-1030. July 1978. In English with French summ. SFA 23(4)

71-011743 Skinner, J. E. ECOLOGY, THE EIGHTH PROFESSION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:224-235. 1976. SFA 23(2)

71-011744 Smith, D. A. STATE VIEW OF ENDANGERED SPECIES MANAGEMENT. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 287-290. July 1977. SFA 23(3)

71-011745 Smith, S. C.; Chapman, D. R.; Cross, G. H.; Stroud, R. H. and Farris, A. L. ASSESSMENT OF PROBLEMS IN FISH AND WILDLIFE RESEARCH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:143-147. 1979. SFA 25(1)

71-011746 Sonnevil, G. M. RESTORATION STATUS OF THE CUI-UI. *Cal-Neva Wildl. Trans.* p. 18-22. 1978. SFA 24(3)

71-011747 Spangler, G. R. and Berst, A. H. QUESTIONS AND ANSWERS ON SPLAKE. *Ont. Fish Wildl. Rev.* 17(2):3-8. 1978. SFA 24(2)

71-011748 Stanley, J. G. SPECIAL SECTION: GRASS CARP IN THE UNITED STATES: INTRODUCTION. *Trans. Am. Fish. Soc.* 107 (1): 104. Jan. 1978. SFA 23(3)

71-011749 Stansby, M. E. FEDERAL FISHERY RESEARCH IN THE PACIFIC NORTHWEST PRECEDING FORMATION OF NORTHWEST FISHERIES CENTER. *U.S. Dep. Commer. Natl. Mar. Fish. Serv.* 35p. Nov. 1979. SFA 25(1)

71-011750 Stansby, M. E. CHARLES WOODS, PIONEER SCIENTIST ON CHEMICAL COMPOSITION OF FISH. *Mar. Fish Rev.* 40(7):1-4. July 1978. SFA 24(1)

71-011751 States, J. B.; Haug, P. T.; Shoemaker, T. G.; Reed, L. W. and Reed, E. B. A SYSTEMS APPROACH TO ECOLOGICAL BASELINE STUDIES. *U.S. Fish Wildl. Serv.* FWS/OBS-78/21. 392p. Mar. 1978. SFA 24(1)

71-011752 Stevens, R. E. CURRENT AND FUTURE CONSIDERATIONS CONCERNING STRIPED BASS CULTURE AND MANAGEMENT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:69-73. 1975. SFA 21(3)

71-011753 Stone, M. CONCEPTS OF FISHERIES MANAGEMENT. *Wyo. Wildl.* 41(2):32-34. Feb. 1977. SFA 22(2)

71-011754 Stroud, R. H. PROGRESS AND NEEDS IN MANAGEMENT OF INLAND AND ANADROMOUS FISH. *Proc. Int. Assoc. Fish Wildl. Agencies* 67:36-41. 1977(1978). SFA 23(4)

71-011755 Svetovidov, A. N. ON THE CENTENARY OF THE BIRTH OF V. K. SOLDATOV (1875-1975). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):491-493. 1976. SFA 22(4)

71-011756 Sweeney, W. D. PRESERVATION AND ENHANCEMENT OF FISH AND WILDLIFE HABITAT IN THE WATER RESOURCE DEVELOPMENT PLANNING PROCESS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:252-256. July 1977. SFA 23(3)

71-011757 Tapiador, D. D.; Henderson, H. F.; Delmendo, M. N. and Tsutsui, H. FRESHWATER FISHERIES AND AQUACULTURE IN CHINA. *FAO Fish. Tech. Pap.* No. 168. xii + 84p. June 1977. SFA 23(3)

71-011758 Temple, R. WARM-WATER FISH MANAGEMENT IN OREGON. *Oreg. Wildl.* 35(2):3-7. Feb. 1980. SFA 25(2)

71-011759 Thompson, T. P. JOB SATISFACTION AMONG FISHERIES PROFESSIONALS: A REPORT TO THE SAMPLE. *Fisheries (Bull. Am. Fish. Soc.)* 4(4):7-13. July-Aug. 1979. SFA 25(1)

71-011760 Townsend, J. E. and Smith, R. J., (eds.). IMPROVING FISH AND WILDLIFE BENEFITS IN RANGE MANAGEMENT. *U.S. Fish. Wildl. Serv.* FWS/OBS-77/01. vi + 118p. Mar. 1977. SFA 24(1)

71-011761 Van Velson, R. C. THE MCCONAUGHY RAINBOW...LIFE HISTORY AND A MANAGEMENT PLAN FOR THE NORTH PLATTE RIVER VALLEY. *Nebr. Game Park Comm. Tech. Ser.* No. 2. 83p. 1978. SFA 24(2)

71-011762 Varley, J. D. YELLOWSTONE NATIONAL PARK FISHING REGULATIONS--BIOLOGICAL BENEFITS AND LIABILITIES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:148-153. 1976. SFA 23(2)

71-011763 Walker, H. INDIAN HUNTING AND FISHING RIGHTS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:618-619. 1979. SFA 25(1)

71-011764 Wallace, D. N. PROFFESSIONAL ETHICS IN APPLIED SCIENCE AND ENGINEERING. *Fisheries (Bull. Am. Fish. Soc.)* 3(4):16-21, 42. July-Aug. 1978. SFA 24(2)

71-011765 Warner, K. and Johnson, P. R. MORTALITY OF LANDLOCKED ATLANTIC SALMON (/SALMO SALAR/) HOOKED ON FLIES AND WORMS IN A RIVER NURSERY AREA. *Trans. Am. Fish. Soc.* 107(6):772-775. Nov. 1978. SFA 24(2)

71-011766 Warner, K. HOOKING MORTALITY OF LAKE-DWELLING LANDLOCKED ATLANTIC SALMON, /SALMO SALAR/. *Trans. Am. Fish. Soc.* 107(4):518-522. July 1978. SFA 24(1)

71-011767 Warner, K. MORTALITY OF LANDLOCKED ATLANTIC SALMON HOOKED ON FOUR TYPES OF FISHING GEAR AT THE HATCHERY. *Prog. Fish-Cult.* 41(2):99-102. Apr. 1979. SFA 24(3)

71-011768 Washington, P. THE SEA-RUN CUTTHROAT TROUT RESOURCE AND SPORT FISHERY. *Mar. Fish. Rev.* 39(12):20-22. Dec. 1977. SFA 23(2)

71-011769 Watson, J. F. WHAT KIND OF PHYSIOLOGICAL INFORMATION IS NEEDED BY RESOURCE MANAGERS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:179-185. 1976. SFA 23(2)

71-011770 Welcomme, R. L. and Henderson, H. F. ASPECTS OF THE MANAGEMENT OF INLAND WATERS FOR FISHERIES. *FAO Fish. Tech. Pap.* No. 161. vii + 36p. Oct. 1976. SFA 23(3)

71-011771 West Virginia Division of Wildlife Resources. TODAY'S PLAN FOR TOMORROW'S WILDLIFE. *W. Va. Dep. Nat. Resour. Div. Wildl. Resour.* vii + 59p. 1977. SFA 22(3)

71-011772 Williams, J. E. OBSERVATIONS ON THE STATUS OF THE DEVIL'S HOLE PUPFISH IN THE HOOVER DAM REFUGIUM. *U.S. Dep. Interior Bur. Reclamation Rep.* REC-ERC-77-11. 15p. Sept. 1977. SFA 23(1)

71-011773 Wilson, J. L. and Cottrell, K. D. CATCHABILITY AND ORGANOLEPTIC EVALUATION OF GRASS CARP IN EAST TENNESSEE PONDS. *Trans. Am. Fish. Soc.* 108(1):97-99. Jan. 1979. SFA 24(3)

71-011774 Wlodek, J. M. STUDIES ON THE INFLUENCE OF MAN (ANGLING) ON FRESHWATER FISH POPULATIONS IN SOUTHERN POLAND. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20(4):2142-2145. 1978. SFA 24(4)

71-011775 Wydoski, R. S. and Wydoski, R. S. REALISTIC MANAGEMENT OF ENDANGERED SPECIES--AN OVERVIEW. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 273-286. July 1977. SFA 23(3)

71-011776 Yorke, T. H. IMPACT ASSESSMENT OF WATER RESOURCE DEVELOPMENT ACTIVITIES: A DUAL MATRIX APPROACH. *U.S. Fish Wildl. Serv.* FWS/OBS-78/82. vi + 27p. Sept. 1978. SFA 24(2)

ADMINISTRATION AND PLANNING

71-011777 Bare, N. H. HOW RESOURCE SPECIALISTS CAN BE EFFECTIVE ON AN INTERDISCIPLINARY TEAM. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:168-171. 1976. SFA 23(2)

71-011778 Bennett, D. H.; Hampton, E. L. and Lackey, R. T. CURRENT AND FUTURE FISHERIES MANAGEMENT GOALS: IMPLICATIONS FOR FUTURE MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 3(1):10-14. Jan.-Feb. 1978. SFA 23(4)

71-011779 Bray, H. (chairman) and Brown, D. L. (discuss. leader). NEW REQUIREMENTS AND APPROACHES FOR FISH AND WILDLIFE PLANNING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:97-156. 1975. SFA 22(2)

71-011780 Campbell, J. S. TYPES OF PARASTATAL BODIES CONCERNED WITH FISHERIES DEVELOPMENT AND THEIR FINANCIAL RESPONSIBILITIES. *FAO Fish. Tech. Pap.* No. 179. vi + 39p. 1978. SFA 24(2)

71-011781 Chapman, D. G. FISHERIES EDUCATION AS VIEWED FROM INSIDE. *Fisheries (Bull. Am. Fish. Soc.)* 4 (2): 18-21. Mar.-Apr. 1979. SFA 24(4)

71-011782 Chapman, G. A. THE ROLE OF AFS SECTIONS AT THE NATIONAL, DIVISIONAL AND CHAPTER LEVELS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:328-330. July 1977. SFA 23(3)

71-011783 Donaldson, J. R. FISHERIES EDUCATION FROM THE STATE PERSPECTIVE. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):24-26. Mar.-Apr. 1979. SFA 24(4)

71-011784 Edwards, W. R.; Timmerman, J. A., Jr.; Youatt, W. G.; Hale, J. B. and Doig, H. THE ROLE OF STATE AGENCIES IN FISH AND WILDLIFE RESEARCH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:197-208. 1979. SFA 25(1)

71-011785 Everest, F. H. HOW TO DEMONSTRATE THE IMPORTANCE OF FISHERY RESOURCES TO INTERDISCIPLINARY PLANNING TEAMS. *Fisheries (Bull. Am. Fish. Soc.)* 3(6):15-20. Nov.-Dec. 1978. SFA 24(4)

71-011786 Everest, F. H. HOW TO PERSUADE INTERDISCIPLINARY TEAM MEMBERS AND ADMINISTRATORS THAT FISHERY CONSIDERATIONS ARE IMPORTANT. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:172-178. 1976. SFA 23(2)

71-011787 FAO of the UN. SUMMARY REPORT AND RECOMMENDATIONS OF THE SECOND SESSION OF THE JOINT FAO/IOC PANEL OF EXPERTS ON THE AQUATIC SCIENCES AND FISHERIES INFORMATION SYSTEM (ASFIS). *FAO Fish. Rep.* No. 186. v + 21p. Nov. 1976. SFA 22(3)

71-011788 Fisheries Research Board of Canada. ANNUAL REPORT, 1976. *Dep. Fish. Environ. Fish. Mar. Serv., Ottawa, Canada* 15p. 1977. In English and French. SFA 22(3)

71-011789 Fletcher, H. F. TOWARD A RELEVANT SCIENCE: FISHERIES AND AQUATIC SCIENTIFIC RESOURCE NEEDS IN CANADA. *J. Fish. Res. Board Can.* 34(7):1046-1073. July 1977. In English with French summ. SFA 22(4)

71-011790 Fullerton, E. C. THE COORDINATION ACT--IS IT REALLY WORKING? *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:47-54. 1976. SFA 23(2)

71-011791 Greenwalt, L. A. THE COORDINATION ACT--IS IT REALLY WORKING? *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:55-57. 1976. SFA 23(2)

71-011792 Gross, R. and Underhill, A. H. STATE COMPREHENSIVE OUTDOOR RECREATION PLANS AS A VEHICLE FOR FISH AND WILDLIFE PLANNING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:203-206. 1977. SFA 23(1)

71-011793 Gulland, J. A. GOALS AND OBJECTIVES OF FISHERY MANAGEMENT. *FAO Fish. Tech. Pap.* No. 166. vii + 14p. Mar. 1977. SFA 23(3)

71-011794 Harville, J. P. THE CHALLANGE OF THE NATIONAL PLAN FOR MARINE FISHERIES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:36-49. July 1975. SFA 22(3)

71-011795 Hester, F. E. FISHERIES EDUCATION FROM THE FEDERAL PERSPECTIVE. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):22-24. Mar.-Apr. 1979. SFA 24(4)

71-011796 Hoekstra, T. W.; Schweitzer, D. L.; Anderson, S. H.; Barnes, R. B. and Cushwa, C. T. PRELIMINARY EVALUATION OF A NATIONAL WILDLIFE AND FISH DATA BASE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:380-391. 1979. SFA 25(1)

71-011797 Hoffman, A. A. FISH DIVISION BUDGETARY PROBLEMS IN THE SOUTHEASTERN STATES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30: 1-4. 1976[1978]. SFA 24(1)

71-011798 Horak, G. C. and J. E. Olson. THE NEED FOR STANDARDS AND CRITERIA TO DETERMINE EFFECTIVENESS AND RECOMMENDATIONS FOR REPORTING REQUIREMENTS. *Fisheries (Bull. Am. Fish. Soc.)* 5(3):2-5. May-June 1980. SFA 25(3)

71-011799 Labisky, R. F.; Sullivan, C. R.; Zagata, M. D.; Klimstra, W. D.; Jahn, L. R. and Gray, J. L. ENABLING MECHANISMS FOR THE SUPPORT OF FISH AND WILDLIFE RESEARCH AT ACADEMIC INSTITUTIONS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:217-222. 1979. SFA 25(1)

71-011800 Lackey, R. T. FISHERIES EDUCATION IN THE 1980'S: THE ISSUES. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):16-17. Mar.-Apr. 1979. SFA 24(4)

71-011801 Lackey, R. T. OPTIONS AND LIMITATIONS IN FISHERIES MANAGEMENT. *Environ. Manage.* 3(2):109-112. Mar. 1979. SFA 24(3)

71-011802 Loftus, K. H.; Johnson, M. G. and Regier, H. A. FEDERAL-PROVINCIAL STRATEGIC PLANNING FOR ONTARIO FISHERIES: MANAGEMENT STRATEGY FOR THE 1980S. *J. Fish. Res. Board Can.* 35(6):916-927. June 1978. In English with French summ. SFA 23(3)

71-011803 Loveless, C. M.; Linn, R.; Ripley, T.; Smith, D. R.; Crawford, J. E. and Jones, C. THE ROLE OF FEDERAL AGENCIES IN FISH AND WILDLIFE RESEARCH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:188-196. 1979. SFA 25(1)

71-011804 Martin, R. G. TRENDS IN ANGLING PRESSURE AND LICENSE SALES. *Fisheries (Bull. Am. Fish. Soc.)* 2(4):30-31. July-Aug. 1977. SFA 23(1)

71-011805 McGaw, R. L. and Sinclair, W. F. COMMENT ON MANAGEMENT ALTERNATIVES AND STRATEGIC PLANNING FOR CANADA'S FISHERIES. *J. Fish. Res. Board Can.* 36(11):1417-1418. Nov. 1979. In English with French summ. SFA 25(1)

71-011806 McNall, W. J. PREPARING NOW FOR FUTURE ANGLERS' FREEDOMS OF CHOICE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:183-186. July 1975. SFA 22(3)

71-011807 Miles, E. U.S. FISHERIES MANAGEMENT UNDER EXTENDED JURISDICTION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:50-54. July 1975. SFA 22(3)

71-011808 Mitchell, B. and Huntley, H. M. AN ANALYSIS OF CRITICISMS OF INTERNATIONAL FISHERY ORGANIZATIONS WITH REFERENCE TO THREE AGENCIES ASSOCIATED WITH THE CANADIAN WEST COAST FISHERY. *J. Environ. Manage.* 5(1):47-73. Jan. 1977. SFA 22(3)

71-011809 Oghalai, R. and Mullen, M. WISCONSIN'S PARTICIPATION IN THE RIVER BASIN COMMISSIONS. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 91. 12p. 1975. SFA 21(1).

71-011810 Olmsted, L. L. FISHERIES EDUCATION FROM THE PRIVATE SECTOR PERSPECTIVE. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):26-28. Mar.-Apr. 1979. SFA 24(4)

71-011811 Platts, W. S. A PLEA FOR FISHERY HABITAT CLASSIFICATION. *Fisheries (Bull. Am. Fish. Soc.)* 5(1):2-6. Jan.-Feb. 1980. SFA 25(2)

71-011812 Platts, W. S. INCLUDING THE FISHERY SYSTEM IN LAND PLANNING. *U.S. For. Serv. Intermountain For. Range Exp. Stn. Gen. Tech. Rep.* GTR-INT-60. 1979. SFA 25(2)

71-011813 PROCEEDINGS OF THE WESTERN ASSOCIATION OF FISH AND WILDLIFE AGENCIES AND THE WESTERN DIVISION AMERICAN FISHERIES SOCIETY. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 59:vii + 258p. 1979. SFA 25(3)

71-011814 Robinson, D. W. FISHERIES ADMINISTRATORS SECTION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:331-333. July 1977. SFA 23(3)

71-011815 Sullivan, C. R. SALARIES OF FISHERIES BIOLOGISTS (JUNE 1977) IN THE UNITED STATES AND CANADA. *Fisheries (Bull. Am. Fish. Soc.)* 2(5):2-4. Sept.-Oct. 1977. SFA 23(1)

71-011816 Tomlinson, J. W. C. and Brown, P. S. DECISION ANALYSIS IN FISH HATCHERY MANAGEMENT. *Trans. Am. Fish. Soc.* 108(2):121-129. Mar. 1979. SFA 24(4)

71-011817 Vissia, R. J. THE COORDINATION ACT--IS IT REALLY WORKING? *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:41-46. 1976. SFA 23(2)

71-011818 Weller, M. W.; Teer, J. G.; Kevern, N. R.; Progulske, D. R.; Tubb, R. A. and Peterle, T. J. ROLE OF UNIVERSITIES IN FISH AND WILDLIFE RESEARCH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:209-216. 1979. SFA 25(1)

REPORTS OF FISHERY STATIONS, STATES, ETC.

71-011819 Alabama Department of Conservation and Natural Resources. ANNUAL REPORT DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES. OCTOBER 1, 1977-SEPTEMBER 30, 1978. *Ala. Dep. Conserv. Nat. Resour., Montgomery* 44p. 1978. SFA 24(2)

71-011820 Anonymous. REPORT ON THE SEA AND INLAND FISHERIES OF NORTHERN IRELAND 1978. *Northern Ireland Dep. Agric.* 27p. 1979. SFA 25(1)

71-011821 Anonymous. 80TH ANNIVERSITY THE BULLETIN MOUNT DESERT ISLAND BIOLOGICAL LABORATORY SALSBURY COVER, MAINE. *Bull. Mt. Desert Island Biol. Lab.* 17: xvii + 122p. 1977. SFA 23(3)

71-011822 Arnold, D. E. and Storm, G. L. COOPERATIVE RESEARCH UNITS FISHERY AND WILDLIFE ANNUAL REPORT 1975-76. *U.S. Dep. Interior Fish Wildl. Serv.* iv + 332p. 1977. SFA 23(1)

71-011823 Bittern, D., (ed.). THIRTY-FIFTH ANNUAL REPORT OF THE ATLANTIC STATES MARINE FISHERIES COMMISSION. *Atl. States Mar. Fish. Comm. Annu. Rep.* 35. iii + 37p. 1977. SFA 23(2)

71-011824 Bittern, D., (ed.). 34TH ANNUAL REPORT OF THE ATLANTIC STATES MARINE FISHERIES COMMISSION. *Atl. States Mar. Fish. Comm., Washington, D.C.* iii + 40p. 1976. SFA 21(4)

71-011825 California Department of Fish and Game. CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:1-188. May 1976. SFA 22(3)

71-011826 Cope, O. B., (ed.). COLORADO FISHERIES RESEARCH REVIEW, 1976-1977. *Colo. Div. Wildl. Fish. Res. Sect. Rev.* No. 9. vii + 64p. Sept. 1978. SFA 24(1)

71-011827 Cope, O. B.,(ed.). COLORADO FISHERIES RESEARCH REVIEW 1972-1975. *Colo. Div. Wildl.* DOW-R-R-F72-75. viii + 104p., Aug. 1976. SFA 22(1)

71-011828 FAO of the UN. REPORT OF THE FOURTEENTH SESSION GENERAL FISHERIES COUNCIL FOR THE MEDITERRANEAN NANTES, FRANCE, 16-20 OCTOBER 1978. *Gen. Fish. Counc. Mediterr.* 14:42p. 1978. SFA 25(1)

71-011829 FAO of the UN. REPORT OF THE TWELFTH SESSION OF THE COMMITTEE ON FISHERIES. *FAO Fish. Rep.* No. 208. x + 32p. 1978. SFA 24(4)

71-011830 FAO of the UN. COMMITTEE ON FISHERIES. *FAO Fish. Rep.* No. 228. x + 44p. 1979. SFA 25(4)

71-011831 FAO of the UN. YEARBOOK OF FISHERY STATISTICS. CATCHES AND LANDINGS. 1975. *Dep. Fish., FAO, Rome, Italy* 40. xxii + 417p. 1976. In English, French, and Italian. SFA 22(3)

71-011832 FAO of the UN. REPORT OF THE TENTH SESSION OF THE COMMITTEE ON FISHERIES. ROME, 3-10 JUNE 1975. *FAO Fish. Rep.* No. 162. viii + 37p. 1975. SFA 22(4)

71-011833 FAO of the UN. REPORT OF THE SIXTH SESSION OF THE REGIONAL FISHERIES ADVISORY COMMISSION FOR THE SOUTHWEST ATLANTIC. *FAO Fish. Rep.* No. 159. iii + 62p. May 1975. SFA 22(3)

71-011834 Fisheries and Environment Canada. ANNUAL REPORT 1977/1978. *Fish. Environ. Can.* 67p. 1979. SFA 25(1)

71-011835 Foyle Fisheries Commission. REPORT FOR THE YEAR ENDED DECEMBER 31ST 1978. *Foyle Fish. Comm. Annu. Rep.* 27:1-61. 31 Mar. 1979. SFA 25(2)

71-011836 Foyle Fisheries Commission. TWENTY-FOURTH ANNUAL REPORT 1975. *Foyle Fish. Comm. Annu. Rep.* 24:1-81. 81p. 1976. SFA 22(4)

71-011837 Freshwater Biological Association. FORTY-SIXTH ANNUAL REPORT. *Freshwater Biol. Assoc. Annu. Rep.* 46. 128p. 1978. SFA 23(4)

71-011838 Freshwater Biological Association. FORTY-FITH ANNUAL REPORT. *Freshwater Biol. Assoc. Annu. Rep.* 45. 128p. 1977. SFA 22(4)

71-011839 General Fisheries Council for the Mediterranean. REPORT OF THE 13TH SESSION. *Gen. Fish. Counc. Mediterr. Sess. Rep.* 13. ii + 66p. 1976. SFA 22(3)

71-011840 Idaho Department of Game. ANNUAL REPORT OF THE DEPARTMENT OF FISH AND GAME OF THE STATE OF IDAHO. JULY 1, 1977 TO JUNE 30, 1978. *Idaho Dep. Fish Game, Boise* 83p. 1978. SFA 24(2)

71-011841 International Commission for the Northwest Atlantic Fisheries. INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES ANNUAL REPORT. *Int. Comm. Northwest Atl. Fish. Annu. Rep.* 26. 139p. 1976. SFA 23(1)

71-011842 International Pacific Halibut Commission. ANNUAL REPORT 1976. *Int. Pac. Halibut Comm. Annu. Rep.* 1976. 40p. 1977. SFA 22(4)

71-011843 Kennelly, J. J. and Applegate, R. L. COOPERATIVE RESEARCH UNITS, FISHERY AND WILDLIFE, ANNUAL REPORT 1974-75. *U.S. Dep. Interior Fish Wildl. Serv.* iii + 251p. 1976. SFA 21(4)

71-011844 National Marine Fisheries Service. REPORT OF THE NATIONAL MARINE FISHERIES SERVICE FOR THE CALENDAR YEAR 1976. *U.S. Dep. Comm. Natl. Mar. Fish. Serv. Annu. Rep.* iv + 40p. 1977. SFA 23(1)

71-011845 New Hampshire Fish and Game Department. 1977 ANNUAL REPORT. *N.H. Fish Game Dep.* vii + 72p. 1978. SFA 24(2)

71-011846 North American Salmon Research and Center. ANNUAL REPORT TO THE ADVISORY COUNCIL OF THE NORTH AMERICAN SALMON RESEARCH CENTER. *N. Am. Salmon Res. Cent. Rep.* No. 3-1978. 7p. 1978. SFA 24(1)

71-011847 North American Salmon Research Center. ANNUAL REPORT TO THE ADVISORY COUNCIL OF THE NORTH AMERICAN SALMON RESEARCH CENTER. *N. Am. Salmon Res. Cent. Rep.* No. 4-1978. 8p. 1978. SFA 24(1)

71-011848 Organization for Economic Co-operation and Development. REVIEW OF FISHERIES IN OECD MEMBER COUNTRIES. 1979. ii + 253p. 1979. SFA 25(4)

71-011849 Pacific Marine Fisheries Commission. 32ND ANNUAL REPORT OF THE PACIFIC MARINE FISHERIES COMMISSION. *Pac. Mar. Fish Comm. Annu. Rep.* 32. 49p. May 1980. SFA 25(3)

71-011850 Parliament of New South Wales. REPORT ON THE FISHERIES IN NEW SOUTH WALES FOR 1975-1976. *New South Wales State Fish., Australia* 26p. 1977. SFA 24(3)

71-011851 Sarig, S. FISHERIES AND FISH CULTURE IN ISRAEL IN 1975. *Bamidgeh* 28(4):67-79. Dec. 1976. SFA 22(2)

71-011852 Scott, D. P., (ed.). BIENNAL REPORT FOR 1974-76: WESTERN REGION, FISHERIES AND MARINE SERVICE. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 813. vi + 33p. Dec. 1978. In English and French. SFA 24(2)

71-011853 Scott, T. G.; Schultz, H. C. and Eschmeyer, P. H., (eds.). FISHERIES AND WILDLIFE RESEARCH 1977. *U.S. Fish Wildl. Serv.* iv + 151p. 1978. SFA 24(1)

71-011854 Singapore Marine Fisheries Research and Department. MARINE FISHERIES RESEARCH DEPARTMENT ANNUAL REPORT, 1975. *Southeast Asian Fish. Develop. Cent., Singapore* iii + 48p. July 1976. SFA 22(2)

71-011855 U.S. Department of Commerce. REPORT OF THE NATIONAL MARINE FISHERIES SERVICE FOR THE CALENDAR YEAR 1975. *U.S. Dep. Comm., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Washington, D.C.* vi + 45p. July 1976. SFA 21(3)

71-011856 Verhoeven, L. A., (ed.). 29TH ANNUAL REPORT OF PACIFIC MARINE FISHERIES COMMISSION FOR THE YEAR 1976. *Pac. Mar. Fish. Comm. Annu. Rep.* No. 29. 60p. May 1977. SFA 22(4)

HABITAT ALTERATIONS

71-011857 Adkins, G. and Bowman, P. A STUDY OF THE FAUNA IN DREDGED CANALS OF COASTAL LOUISIANA. *La. Wildl. Fish. Comm. Tech. Bull.* No. 18. ix + 72p. Feb. 1976. SFA 21(1)

71-011858 Anderson, B. A STUDY OF THE IMPACTS OF REDUCED STREAMFLOWS IN THE MIDDLE AND LOWER YELLOWSTONE BASIN. *Proc. Fort Union Coal Field Symp.* Vol. 2. p. 226-232. Apr. 1975. SFA 23(1)

71-011859 Armitage, P. D. DOWNSTREAM CHANGES IN THE COMPOSITION, NUMBERS AND BIOMASS OF BOTTOM FAUNA IN THE TEES BELOW COW GREEN RESERVOIR AND IN AN UNREGULATED TRIBUTARY MAIZE BECK, IN THE FIRST FIVE YEARS AFTER IMPOUNDMENT. *Hydrobiologia* 58 (2): 145-156. 4 Apr. 1978. SFA 23(3)

71-011860 Armitage, P. D. INVERTEBRATE DRIFT IN THE REGULATED RIVER TEES, AND AN UNREGULATED TRIBUTARY MAIZE BECK, BELOW COW GREEN DAM. *Freshwater Biol.* 7(2):167-183. Apr. 1977. SFA 22(4)

71-011861 Armour, C. L. EFFECTS OF DETERIORATED RANGE STREAMS ON TROUT. *U.S. Dep. Interior Bur. Land Manage., Boise, Idaho* 7p. Aug. 1977. SFA 24(2)

71-011862 Arner, D. H. TRANSMISSION LINE RIGHTS-OF-WAY MANAGEMENT. *U.S. Fish Wildl. Serv. Top. Briefs: Fish Wildl. Resour. Elec. Power Generation* No. 2. 12p. Mar. 1977. SFA 22(4)

71-011863 Arner, D. H.; Robinette, H. R.; Frasier, J. E. and Gray, M. H. EFFECTS OF CHANNELIZATION OF THE LUXAPALILA RIVER ON FISH, AQUATIC INVERTEBRATES, WATER QUALITY, AND FURBEARERS. *U.S. Fish Wildl. Serv.* FWS/OBS-76/08. viii + 58p. June 1976. SFA 22(4)

71-011864 Avery, E. L. EXPERIMENTAL RECLAMATION OF TROUT STREAMS THROUGH CHEMICAL TREATMENT AT WESTFIELD CREEK. *Wis. Dep. Nat. Resour. Res. Rep.* 76. 23p. Dec. 1974. SFA 21(1).

71-011865 Bacon, J. R. and Maas, R. P. CONTAMINATION OF GREAT SMOKY MOUNTAINS TROUT STREAMS BY EXPOSED ANAKEESTA FORMATIONS. *J. Environ. Qual.* 8(4):538-543. Oct.-Dec. 1979. SFA 25(1)

71-011866 Bak, R. P. M. LETHAL AND SUBLETHAL EFFECTS OF DREDGING ON REEF CORALS. *Mar. Pollut. Rev.* 9 (1): 14-16. Jan. 1978. SFA 23(2)

71-011867 Baldes, R. J. BIG SPRING CREEK CHANNELIZATION SEVENTEEN YEARS LATER. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:96. 1980. SFA 25(4)

71-011868 Banta, J. S. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME IV: REGULATORY FRAMEWORK FOR PROTECTING LIVING RESOURCES. *U.S. Fish Wildl. Serv.* FWS/OBS-77/15. xi + 126p. Mar. 1978. SFA 23(3)

71-011869 Baril, S. F.; Luedtke, R. J. and Roemhild, G. R. ENVIRONMENTAL EFFECTS OF WESTERN COAL COMBUSTION. PART II-THE AQUATIC MACROINVERTEBRATES OF ROSEBUD CREEK, MONTANA. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-099. ix + 75p. Nov. 1978. SFA 24(4)

71-011870 Barnard, R. S. MORPHOLOGY AND MORPHOMETRY OF A CHANNELIZED STREAM: THE CASE HISTORY OF BIG PINE CREEK DITCH, BENTON COUNTY, INDIANA. *Purdue Univ. Water Resour. Cent. Tech. Rep.* No. 92. xi + 86p. June 1977. SFA 22(4)

71-011871 Barton, B. A. SHORT-TERM EFFECTS OF HIGHWAY CONSTRUCTION ON THE LIMNOLOGY OF A SMALL STEAM IN SOUTHERN ONTARIO. *Freshwater Biol.* 7 (2): 99-108. Apr. 1977. SFA 22(4)

71-011872 Baxter, R. M. and P. Glaude. ENVIRONMENTAL EFFECTS OF DAMS AND IMPOUNDMENTS IN CANADA. EXPERIENCE AND PROSPECTS. *Can. Bull. Fish. Aquatic Sci.* 205. vi + 34p. 1980. SFA 25(2)

71-011873 Bella, D. A. and K. J. Williamson. DIAGNOSIS OF CHRONIC IMPACTS OF ESTUARINE DREDGING. *J. Environ. Syst.* 9(4):289-311. 1979-80. SFA 25(2)

71-011874 Belt, G. H. PREDICTING STREAMFLOW CHANGES CAUSED BY FOREST PRACTICES USING THE EQUIVALENT CLEARCUT AREA MODEL. *Univ. Idaho For. Range Wildl. Exp. Stn. Bull.* No. 32. 11p. Jan. 1980. SFA 25(2)

71-011875 Ben-Tuvia, A. and Ben-Yami, M. MAN'S INFLUENCE ON THE FISH POPULATIONS IN THE BARDAWIL LAGOON ON THE NORTHERN COAST OF SINAI. *Proc. Sci. Conf. Isr. Ecol. Soc.* 4:e16-e17. 1973. SFA 24(4)

71-011876 Benke, A. C.; D. M. Gillespie; F. K. Parrish; T. C. Van Arsdall, Jr.; R. J. Hunter and R. L. Henry III. BIOLOGICAL BASIS FOR ASSESSING IMPACTS OF CHANNEL MODIFICATION: INVERTEBRATE PRODUCTION, DRIFT, AND FISH FEEDING IN A SOUTHEASTERN BLACKWATER RIVER. *Ga. Inst. Technol. Environ. Resour. Cent.* ERC 06-79. xiii + 187p. Sept. 1979. SFA 25(4)

71-011877 Bennett, D. H. EFFECTS OF PUMPED STORAGE PROJECT OPERATIONS ON THE SPAWNING SUCCESS OF CENTRARCHID FISHES IN LEESVILLE LAKE, VIRGINIA. *Ph. D. dissertation, Va. Polytech Inst. & State Univ.* 151p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-011878 Berry, C. R., Jr. THE VALUE OF HABITAT IMPROVEMENT DEMONSTRATION AREAS FOR INFORMING THE PUBLIC. *Fisheries (Bull. Am. Fish. Soc.)* 5(3):22-25. May-June 1980. SFA 25(3)

71-011879 Best, L. B.; Varland, K. L. and Dahlgren, R. B. EFFECTS OF STREAM CHANNELIZATION ON LAND-USE PRACTICES IN IOWA. *Iowa State J. Res.* 52 (4): 411-423. May 1978. SFA 23(3)

71-011880 Binns, N. A. CHANNELIZATION AND TROUT. *Wyo. Wildl.* 42(11):18-21. Nov. 1978. SFA 24(1)

71-011881 Binns, N. A. STREAM CHANNEL MODIFICATION. *Wyo. Wildl.* 42(11):14-17. Nov. 1978. SFA 24(1)

71-011882 Bishop, K. A. and Bell, J. D. OBSERVATIONS ON THE FISH FAUNA BELOW TALLOWA DAM (SHOALHAVEN RIVER, NEW SOUTH WALES) DURING RIVER FLOW STOPPAGES. *Aust. J. Mar. Freshwater Res.* 29(4):543-549. Aug. 1978. SFA 24(2)

71-011883 Blahm, T. H. EFFECTS OF WATER DIVERSIONS ON FISHERY RESOURCES OF THE WEST COAST, PARTICULARLY THE PACIFIC NORTHWEST. *Mar. Fish. Rev.* 38 (11): 46-51. Nov. 1976. SFA 22(2)

71-011884 Blake, B. F. THE EFFECT OF THE IMPOUNDMENT OF LAKE KAINJI, NIGERIA, ON THE INDIGENOUS SPECIES OF MORMYRID FISHES. *Freshwater Biol.* 7(1):37-42. Feb. 1977. SFA 22(3)

71-011885 Boaze, J. L. and Fifer, R. S. INSTREAM FLOW DETERMINATION FOR THE HUNTER CREEK WATERSHED. *U.S. Fish Wildl. Serv., Salt Lake City, UT* 1977. SFA 23(4)

71-011886 Bovee, K. D. and Cochnauer, T. DEVELOPMENT AND EVALUATION OF WEIGHTED CRITERIA, PROBABILITY-OF-USE CURVES FOR INSTREAM FLOW ASSESSMENTS: FISHERIES. *U.S. Fish Wildl. Serv. Instream Flow Inf. Pap.* No. 3. FWS/OBS-77/63. ix + 39p. Dec. 1977. SFA 23(3)

71-011887 Bovee, K. D. PROBABILITY-OF-USE CRITERIA FOR THE FAMILY SALMONIDAE. *U.S. Fish Wildl. Serv. Instream Flow Inf. Pap.* No. 4. FWS/OBS-78/07. vii + 80p. Jan. 1978. SFA 23(3)

71-011888 Brynildson, O. M. and Serns, S. L. EFFECTS OF DESTRATIFICATION AND AERATION OF A LAKE ON THE DISTRIBUTION OF PLANKTONIC CRUSTACEA, YELLOW PERCH, AND TROUT. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 99. 22p. 1977. SFA 22(4)

71-011889 Buchanan, T. M. AN EVALUATION OF THE EFFECTS OF DREDGING WITHIN THE ARKANSAS RIVER NAVIGATION SYSTEM. *Final Rep. to U.S. Army Corps Eng. Contract* No. DACW03-74-C-0146. xiii + 277p. 1976. SFA 23(1)

71-011890 Bulkley, R. V.; Bachman, R. W.; Carlander, K. D.; Fierstine, H. L.; King, L. R.; Menzel, B. W.; Witten, A. L. and Zimmer, D. W. WARMWATER STREAM ALTERATIONS IN IOWA: EXTENT, EFFECTS ON HABITAT, FISH, AND FISH FOOD, AND EVALUATION OF STREAM IMPROVEMENT STRUCTURES (SUMMARY REPORT). *U.S. Fish Wildl. Serv.* FWS/OBS-76/16. v + 39p. July 1976. SFA 24(2)

71-011891 Bulkley, R. V.; Bachmann, R. W.; Carlander, K. D.; Fierstine, H. L.; King, L. R.; Menzel, B. W.; Witten, A. L. and Zimmer, D. W. WARMWATER STREAM ALTERATION IN IOWA: EXTENT, EFFECTS ON HABITAT, FISH, AND FISH FOOD, AND EVALUATION OF STREAM IMPROVEMENT STRUCTURES (SUMMARY REPORT). *U.S. Fish Wildl. Serv.* FWS/OBS-76/16. v + 39p. July 1976. SFA 22(4)

71-011892 Butschek, V.; Lillelund, K.; Mann, H. and Scheer, G. EMPFEHLUNGEN ZUR ERSTELLUNG VON GUTACHTEN BEI FISCHEREISCHAEDEN. [RECOMMENDATIONS FOR EXPERTISES ON DAMAGES REGARDING TO FRESH-WATER FISHERIES.] *Arch. Fischereiwiss.* 26(Suppl. 1):1-34. Aug. 1975. In German with English Preface. SFA 21(4)

71-011893 Butts, T. A. and Evans, R. L. EFFECTS OF CHANNEL DAMS ON DISSOLVED OXYGEN CONCENTRATIONS IN NORTHEASTERN ILLINOIS STREAMS. *Ill. State Water Surv. Circ.* 132. 153p. 1978. SFA 24(4)

71-011894 Carlson, D. EPITAPH FOR LAKE OZARK PADDLEFISH. *Mo. Conserv.* 38(4):10-13. Apr. 1977. SFA 22(4)

71-011895 Carroll, J. H., Jr.; Ingold, D. and Bradley, M. DISTRIBUTION AND SPECIES DIVERSITY OF SUMMER FISH POPULATIONS IN TWO CHANNELIZED RIVERS IN NORTHEAST TEXAS. *Southwest. Nat.* 22 (1): 128-134. 1 Mar. 1977. SFA 22(3)

71-011896 Chapman, D. W. and E. Knudsen. CHANNELIZATION AND LIVESTOCK IMPACTS ON SALMONID HABITAT AND BIOMASS IN WESTERN WASHINGTON. *Trans. Am. Fish. Soc.* 109(4):357-363. July 1980. SFA 25(4)

71-011897 Clark, J. and Terrell, C. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME III: EFFECTS ON LIVING RESOURCES AND HABITATS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/14. xxiii + 220p. Mar. 1978. SFA 23(3)

71-011898 Clark, J.; Zinn, J. and Terrell, C. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME I: RECOVERY TECHNOLOGY. *U.S. Fish Wildl. Serv.* FWS/OBS-77/12. xiv + 226p. Mar. 1978. SFA 23(3)

71-011899 Cline, L. D. and Ward, J. V. THE IMPACT OF HIGHWAY CONSTRUCTION ON A SMALL, HIGH MOUNTAIN STREAM. *Bull. Ecol. Soc. Am.* 60(2):122. June 1979. Abstract only. SFA 24(4)

71-011900 Cloud, T. J., Jr. TEXAS LIGNITE: ENVIRONMENTAL PLANNING OPPORTUNITIES. *U.S. Fish Wildl. Serv.* FWS/OBS-78/26. iv + 14p. June 1978. SFA 24(1)

71-011901 Clugston, J. P., ed. PROCEEDINGS OF THE CLEMSON WORKSHOP ON ENVIRONMENTAL IMPACTS OF PUMPED STORAGE HYDROELECTRIC OPERATIONS. *U.S. Fish Wildl. Serv.* FWS/OBS-80/28. iv + 206p. Apr. 1980. SFA 25(3)

71-011902 Collins, G. B. EFFECTS OF DAMS ON PACIFIC SALMON AND STEELHEAD TROUT. *Mar. Fish. Rev.* 38 (11): 39-46. Nov. 1976. SFA 22(2)

71-011903 Cope, O. B., (ed.). PROCEEDINGS OF THE FORUM--GRAZING AND RIPARIAN/STREAM ECOSYSTEMS. *Trout Unlimited, Inc.* iv + 94p. Mar. 1979. SFA 24(3)

71-011904 Corwin, R. and Heffernan, P. H. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME V: REGIONAL STATUS REPORTS. PART 4: CALIFORNIA. *U.S. Fish Wildl. Serv.* FWS/OBS-77/16.4. xii + 154p. Mar. 1978. SFA 23(3)

71-011905 Crabtree, A. F.; Bassett, C. E. and Fisher, L. E. THE IMPACTS OF PIPELINE CONSTRUCTION ON STREAM AND WETLAND ENVIRONMENTS. *Mich. Publ. Serv. Comm., Dep. Commerce, Lansing* vii + 164p. 1978. SFA 24(2)

71-011906 Ditton, R. B.; Graefe, A. R.; Fedler, A. J. and Schwartz, J. D. ACCESS TO AND USAGE OF OFFSHORE LIBERTY SHIP REEFS IN TEXAS. *Mar. Fish. Rev.* 41(9):25-31. Sept. 1979. SFA 25(1)

71-011907 Dodge, W. E.; Possardt, E. E.; Reed, R. J. and MacConnell, W. P. CHANNELIZATION ASSESSMENT, WHITE RIVER, VERMONT: REMOTE SENSING, BENTHOS, AND WILDLIFE. *U.S. Fish Wildl. Serv.* FWS/OBS-76/07. vii + 73p. June 1976. SFA 22(4)

71-011908 Dudley, R. G. and K. N. Black. DISTRIBUTION OF STRIPED BASS EGGS AND LARVAE IN THE SAVANNAH RIVER ESTUARY. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:561-570. 1978[1979]. SFA 25(2)

71-011909 Dudley, R. G. CHANGES IN GROWTH AND SIZE DISTRIBUTION OF /SAROTHERODON MACROCHIR/ AND /SAROTHERODON ANDERSONI/ FROM THE KAFUE FLOODPLAIN, ZAMBIA SINCE CONSTRUCTION OF THE KAFUE GORGE DAM. *J. Fish Biol.* 14(2):205-223. Feb. 1979. SFA 24(3)

71-011910 Dugas, R.; V. Guillory and M. Fischer. OIL RIGS AND OFFSHORE SPORT FISHING IN LOUISIANA. *Fisheries (Bull. Am. Fish. Soc.)* 4(6):2-8, 10. Nov.-Dec. 1979. SFA 25(2)

71-011911 Durkin, J. T. and Lipovsky, S. J. AQUATIC DISPOSAL FIELD INVESTIGATIONS, COLUMBIA RIVER DISPOSAL SITE, OREGON; APPENDIX E: DEMERSAL FISH AND DECAPOD SHELLFISH STUDIES. *Tech. Rep. to U.S. Army Corps Eng. Waterways Exp. Stn.* D-77-30. 184p. 1977. SFA 23(3)

71-011912 Duyvejonck, J. DISTRIBUTION AND MOVEMENTS OF FISHES IN A SMALL STREAM. *Trans. Ill. State Acad. Sci.* 70(2):212. 1977. Abstract only. SFA 24(1)

71-011913 Edwards, C. J. THE EFFECTS OF CHANNELIZATION AND MITIGATION ON THE FISH COMMUNITY AND POPULATION STRUCTURE IN THE OLENTANGY RIVER, OHIO. *Ph.D. dissertation, Ohio State Univ.* 176p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3583. Feb. 1978. SFA 23(3)

71-011914 Edwards, R. J. THE EFFECT OF HYPOLIMNION RESERVOIR RELEASES ON FISH DISTRIBUTION AND SPECIES DIVERSITY. *Trans. Am. Fish. Soc.* 107(1):71-77. Jan. 1978. SFA 23(3)

71-011915 Eiserman, F. CHANNELIZATION--A STRAIGHT AND NARROW PATH TO STREAM DEGRADATION. *Wyo. Wildl.* 42(11):10-13. Nov. 1978. SFA 24(1)

71-011916 Eiserman, F. M. STREAM HABITAT LOSSES. PART 1. *Wyo. Wildl.* 42(11):28-29. Nov. 1978. SFA 24(1)

71-011917 Eiserman, F. M. STREAM HABITAT LOSSES. PART 3. *Wyo. Wildl.* 42(11):32-33. Nov. 1978. SFA 24(1)

71-011918 Eiserman, F. M. STREAM HABITAT LOSSES. PART 2. *Wyo. Wildl.* 42(11):30-31. Nov. 1978. SFA 24(1)

71-011919 Eiserman, F. M. STREAM PRESERVATION. *Wyo. Wildl.* 42(11):22-25. Nov. 1978. SFA 24(1)

71-011920 England, R. H. and Fatora, J. R. EFFECT OF LOW HEAD IMPOUNDMENTS ON AMBIENT TROUT STREAM TEMPERATURES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:285-294. 1976[1978]. SFA 24(1)

71-011921 Evans, A. K.; Uhleman, E. W. and Eby, P. A. ATLAS OF WESTERN SURFACE-MINED LANDS: COAL, URANIUM, AND PHOSPHATE. *U.S. Fish. Wildl. Serv.* FWS/OBS-78/20. 394p. Jan. 1978. SFA 24(2)

71-011922 Everest, F. H. ANADROMOUS FISH HABITAT AND FOREST MANAGEMENT--ECONOMIC CONSIDERATIONS. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58: 153-171. 1978. SFA 24(4)

71-011923 Fast, A. W. and Lorenzen, M. W. SYNOPTIC SURVEY OF HYPOLIMNETIC AERATION. *Proc. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 102(EE6):1161-1173. Dec. 1976. SFA 21(4)

71-011924 Fast, A. W.; Lorenzen, M. W. and Harlan, G. J. COMPARATIVE STUDY WITH COSTS OF HYPOLIMNETIC AERATION. *Proc. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 102(EE6):1175-1187. Dec. 1976. SFA 21(4)

71-011925 Feller, M. C. INITIAL EFFECTS OF CLEARCUTTING ON THE FLOW OF CHEMICALS THROUGH A FOREST-WATERSHED ECOSYSTEM IN SOUTHWESTERN BRITISH COLUMBIA. *Ph. D. dissertation, Univ. British Columbia* 1975. [Order microfiche copy from the National Library of Canada at Ottawa.] From Diss. Abstr. Int. B Sci. Eng. 36(7), 1976. SFA 22(2)

71-011926 Ferraris, C. and Wilhm, J. DISTRIBUTION OF BENTHIC MACROINVERTEBRATES IN AN ARTIFICIALLY DESTRATIFIED RESERVOIR. *Hydrobiologia* 54(2):169-176. 1 June 1977. SFA 22(4)

71-011927 Fisheries and Oceans Canada. GUIDELINES FOR LAND DEVELOPMENT AND PROTECTION OF THE AQUATIC ENVIRONMENT. *Fish. Oceans Can. Fish. Mar. Serv. Tech. Rep.* no. 807. iv + 55p. July 1978. SFA 24(3)

71-011928 Forshage, A. and Bonn, T. D. IMPROVED HABITAT MEANS BETTER FISHING. *Tex. Parks Wildl.* 35(11):8-11. Nov. 1977. SFA 23(1)

71-011929 Funk, J. L. and Robinson, J. W. CHANGES IN THE CHANNEL OF THE LOWER MISSOURI RIVER AND EFFECTS ON FISH AND WILDLIFE. *Mo. Dep. Conserv. Aquatic Ser.* No. 11. 52p. Nov. 1974. SFA 22(3)

71-011930 Galvin, M. MANAGEMENT OF TRANSMISSION LINE RIGHTS-OF-WAY FOR FISH AND WILDLIFE. *U.S. Fish Wildl. Serv.* FWS/OBS-79/22. 1979. SFA 25(2)

71-011931 Gammon, J. R. THE STATUS OF INDIANA STREAMS AND FISH FROM 1800 TO 1900. *Proc. Indiana Acad. Sci.* 86: 209-216. 1976(1977). SFA 23(4)

71-011932 Garton, J. E. and Jarrell, H. R. DEMONSTRATION OF WATER QUALITY ENHANCEMENT THROUGH THE USE OF THE GARTON PUMP. *Okla. Water Resour. Res. Inst. Tech. Compl. Rep.* Proj. C-5228 (suppl.). 21p. 1976. SFA 21(4)

71-011933 Garton, J. E.; Summerfelt, R. C.; Toetz, D.; Wilhm, J. and Jarrell, H. PHYSIOCOCHEMICAL AND BIOLOGICAL CONDITIONS IN TWO OKLAHOMA RESERVOIRS UNDERGOING ARTIFICIAL DESTRATIFICATION. *U.S. Dep. Inter. Bur. Reclam.* REC-ERC-77-6. iv + 77p. Apr. 1977. SFA 23(3)

71-011934 Garton, J. E.; Strecker, R. G. and Summerfelt, R. C. PERFORMANCE OF AN AXIAL FLOW PUMP FOR LAKE DESTRATIFICATION. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:336-347. 1976[1978]. SFA 24(1)

71-011935 Gebhart, G. E. and Summerfelt, R. C. EFFECTS OF DESTRATIFICATION ON DEPTH DISTRIBUTION OF FISH. *Proc. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 102(EE6):1215-1228. Dec. 1976. SFA 21(4)

71-011936 Gelroth, J. V. and Marzolf, G. R. PRIMARY PRODUCTION AND LEAF-LITTER DECOMPOSITION IN NATURAL AND CHANNELIZED PORTIONS OF A KANSAS STREAM. *Am. Midl. Nat.* 99(1):238-243. Jan. 1978. SFA 23(3)

71-011937 Gelroth, J. V. and Marzolf, G. R. COMPARISONS OF PRIMARY PRODUCTION AND LEAF LITTER DECOMPOSITION IN NATURAL AND CHANNELIZED PORTIONS OF A KANSAS STREAM. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-011938 Giles, R. H., Jr.; Jones, A. B. III and Smart, C. W. POWER: A COMPUTER SYSTEM FOR CORRIDOR LOCATION. *Va. Polytech. Inst. State Univ. Dep. Fish. Wildl. Sci. Res. Div. Bull.* 117: 30p. Oct. 1976. SFA 22(4)

71-011939 Gislason, J. C. EFFECTS OF FLOW FLUCTUATION DUE TO HYDROELECTRIC PEAKING ON BENTHIC INSECTS AND PERIPHYTON OF THE SKAGIT RIVER, WASHINGTON. *Ph.D. dissertation, Univ. Wash.* 175p. 1980. From Diss. Abstr. Int. B Sci. Eng. 40(12, part 1):5539. June 1980. SFA 25(3)

71-011940 Golden, M. F. and Twilley, C. E. FISHERIES INVESTIGATION OF A CHANNELIZED STREAM, BIG MUDDY CREEK WATERSHED, KENTUCKY. *Trans. Ky. Acad. Sci.* 37 (3-4): 85-90. Sept. 1976. SFA 21(4)

71-011941 Goodman, J. and Klose, P. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME V: REGIONAL STATUS REPORTS. PART 2: MID AND SOUTH ATLANTIC. *U.S. Fish Wildl. Serv.* FWS/OBS-77/16.2. ix + 93p. Mar. 1978. SFA 23(3)

71-011942 Gore, J. A. EFFECTS OF A TEMPORARY MASSIVE FLOW REDUCTION ON THE BENTHIC INVERTEBRATES OF A PRAIRIE RIVER. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-011943 Gore, J. A. RESERVOIR MANIPULATIONS AND BENTHIC MACROINVERTEBRATES IN A PRAIRIE RIVER. *Hydrobiologia* 55(2):113-123. 18 Aug. 1977. SFA 23(1)

71-011944 Graynoth, E. EFFECTS OF LOGGING ON STREAM ENVIRONMENTS AND FAUNAS IN NELSON. *N.Z. J. Mar. Freshwater Res.* 13(1):79-109. 1979. SFA 25(1)

71-011945 Gregg, R. E. and E. P. Bergersen. *MYSIS RELICTA*: EFFECTS OF TURBIDITY AND TURBULENCE ON SHORT-TERM SURVIVAL. *Trans. Am. Fish. Soc.* 109(2):207-212. Mar. 1980. SFA 25(2)

71-011946 Gregg, R. E. ECOLOGY OF /MYSIS RELICTA/ IN TWIN LAKES, COLORADO. *Bur. Reclam. Rep.* REC-ERC-76-14. 222 + 70p. Dec. 1976. SFA 23(1)

71-011947 Grobey, J. H. AN ALTERNATIVE PUBLIC POLICY FOR REGULATING THE IMPACT OF FOREST PRACTICES ON THE NORTHERN CALIFORNIA SALMONID FISHERY. *Ph. D. dissertation, Univ. Wash.* 145p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(2), 1976. SFA 21(4)

71-011948 Guillebeau, T. M.; H. L. Stirewalt; K. F. Nearhoof; F. L. Nearhoof; D. M. Adams and E. A. Lamar. A SECOND YEAR STUDY OF THE EFFECTS OF RECHANNELIZATION ON THE PLANKTONIC AND BENTHIC ORGANISMS IN THE SAVANNAH RIVER: PART I. *Ga. J. Sci.* 38(2):92. Apr. 1980. Abstract only. SFA 25(3)

71-011949 Gurtz, M. E.; J. R. Webster and J. B. Wallace. SESTON DYNAMICS IN SOUTHERN APPALACHIAN STREAMS: EFFECTS OF CLEAR-CUTTING. *Can. J. Fish. Aquatic Sci.* 37(4):624-631. Apr. 1980. SFA 25(2)

71-011950 Haffner, G. D. SPATIAL DISTRIBUTION OF SESTON IN AN ARTIFICIALLY MIXED SYSTEM. *Hydrobiologia* 54(3):225-231. 22 June 1977. SFA 22(4)

71-011951 Hammond, D. L.; Myatt, D. O. and Cupka, D. M. EVALUATION OF MIDWATER STRUCTURES AS A POTENTIAL TOOL IN THE MANAGEMENT OF THE FISHERIES RESOURCES ON SOUTH CAROLINA'S ARTIFICIAL FISHING REEFS. *S.C. Mar. Res. Cent. Tech. Rep. Ser.* No. 15. iii + 19p. Feb. 1977. SFA 22(3)

71-011952 Harper, J. B.; Stanton, G. E.; Brown, W. G.; Hale, S. and Walker, D. DIFFERENCES AMONG SEINE-HAUL CATCHES OF FISH FROM SAND-GRAVEL PIT PONDS IMPACTED BY AND THOSE NOT IMPACTED BY A MUNICIPAL LANDFILL. *Ga. J. Sci.* 37 (2): 60. Apr. 1979. Abstract only. SFA 24(3)

71-011953 Hastings, R. W.; Ogren, L. H. and Mabry, M. T. OBSERVATIONS ON THE FISH FAUNA ASSOCIATED WITH OFFSHORE PLATFORMS IN THE NORTHEASTERN GULF OF MEXICO. *NOAA Fish. Bull.* 74(2):387-402. Apr. 1976. SFA 21(2).

71-011954 Hathaway, C. B., Jr. STREAM CHANNEL MODIFICATION IN HAWAII PART C: TOLERANCE OF NATIVE STREAM SPECIES TO OBSERVED LEVELS OF ENVIRONMENTAL VARIABILITY. *U.S. Fish Wildl. Serv.* FWS/OBS-78/18. x + 59p. Oct. 1978. SFA 24(3)

71-011955 Haynes, R. C. SOME ECOLOGICAL EFFECTS OF ARTIFICIAL CIRCULATION ON A SMALL EUTROPHIC LAKE WITH PARTICULAR EMPHASIS ON PHYTOPLANKTON II. KEZAR LAKE EXPERIMENT, 1969. *Hydrobiologia* 46(1):141-170. Feb. 1975. SFA 21(4)

71-011956 Hazel, C. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART B: CALIFORNIA. FINAL REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-76/33. xix + 48p. Dec. 1976. SFA 23(1)

71-011957 Hazel, C. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART B: CALIFORNIA. EXECUTIVE SUMMARY. *U.S. Fish Wildl. Serv.* FWS/OBS-76/32. xixp. Dec. 1976. SFA 23(1)

71-011958 Hazel, C.; Herrera, S.; Rectenwald, H. and Ives, J. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART B: CALIFORNIA. CASE STUDIES. *U.S. Fish Wildl. Serv.* FWS/OBS-76/34. ix + 606p. Dec. 1976. SFA 23(1)

71-011959 Headrick, M. R. EFFECTS OF STREAM CHANNELIZATION ON FISH POPULATIONS IN THE BUENA VISTA MARSH, PORTAGE COUNTY, WISCONSIN. *U.S. Fish Wildl. Serv.* FWS/OBS-76/24. vii + 38p. Sept. 1976. SFA 24(1)

71-011960 Headrick, M. R. EFFECTS OF STREAM CHANNELIZATION ON FISH POPULATIONS IN THE BUENA VISTA MARSH, PORTAGE COUNTY, WISCONSIN. *U.S. Fish Wildl. Serv.* FWS/OBS-76/24. vii + 38p. Sept. 1976. SFA 22(4)

71-011961 Helfrich, P. AN ASSESSMENT OF THE EXPECTED IMPACT OF A DREDGING PROJECT FOR PALA LAGOON, AMERICAN SAMOA. *Univ. Hawaii Sea Grant Tech. Rep.* UNIHI-SEAGRANT-TR-76-02. viii + 76p. Oct. 1975. SFA 23(3)

71-011962 Hershman, M. J. and Feldmann, J. H. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME V: REGIONAL STATUS REPORTS. PART 5: ALASKA, WASHINGTON AND OREGON. *U.S. Fish Wildl. Serv.* FWS/OBS-77/16.5. xi + 127p. Mar. 1978. SFA 23(3)

71-011963 Hickman, G. D. VALUE OF INSTREAM COVER TO THE FISH POPULATIONS OF MIDDLE FABIUS RIVER, MISSOURI. *Mo. Dep. Conserv. Aquatic Ser.* No. 14. 7p. Nov. 1975. SFA 22(3)

71-011964 Hinshaw, G. SUCCESS STORY. *Colo. Outdoors.* 25(6):29. Nov.-Dec. 1976. SFA 22(1)

71-011965 Hokenstrom, J. C. SOIL WATER CONCENTRATIONS OF SELECTED IONS FOLLOWING CLEARCUTTING OF A LODGEPOLE PINE FOREST. *Ph. D. dissertation, Colo. State Univ.* 132p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-011966 Holland, H. T.; J. R. Chambers and R. R. Blackman. EFFECTS OF DREDGING AND FILLING FOR BEACH EROSION CONTROL ON FISHES IN THE VICINITY OF LIDO KEY, FLORIDA. *U.S. Army Corp Eng., Jacksonville, Fla.* 28p. Mar. 1980. SFA 25(2)

71-011967 Huish, M. T. and Pardue, G. B. ECOLOGICAL STUDIES OF ONE CHANNELIZED AND TWO UNCHANNELIZED WOODED COASTAL SWAMP STREAMS IN NORTH CAROLINA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/85. x + 72p. Sept. 1978. SFA 24(2)

71-011968 Hunt, R. L. A LONG-TERM EVALUATION OF TROUT HABITAT DEVELOPMENT AND ITS RELATION TO IMPROVING MANAGEMENT-RELATED RESEARCH. *Trans. Am. Fish. Soc.* 105(3):361-364. May 1976. SFA 21(3)

71-011969 Hunt, R. L. MONEY IN THE BANK. *Wis. Nat. Resour.* 2(4):4. July-Aug. 1978. SFA 23(4)

71-011970 Hunt, R. L. REMOVAL OF WOODY STREAMBANK VEGETATION TO IMPROVE TROUT HABITAT. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 115. 36p. 1979. SFA 25(3)

71-011971 Johnson, R. R. and McCormock, J. F., (Tech. Coor.). STRATEGIES FOR PROTECTION AND MANAGEMENT OF FLOODPLAIN WETLANDS AND OTHER RIPARIAN ECOSYSTEMS. *U.S. Dep. Agric. For. Serv. Gen. Tech. Rep.* WO-12. vi + 410p. Feb. 1979. SFA 24(4)

71-011972 Kallemeyn, L. W. and Novotny, J. F. FISH AND FISH FOOD ORGANISMS IN VARIOUS HABITATS OF THE MISSOURI RIVER IN SOUTH DAKOTA, NEBRASKA, AND IOWA. *U.S. Fish Wildl. Serv.* FWS/OBS-77/25. ix + 100p. Aug. 1977. SFA 24(1)

71-011973 Kaplan, E. H.; Welker, J. R.; Kraus, M. G. and McCourt, S. SOME FACTORS AFFECTING THE COLONIZATION OF A DREDGED CHANNEL. *Mar. Biol.* 32 (2): 193-204. 30 Sept. 1975. SFA 22(2)

71-011974 Kelly, W. EVALUATION OF THE ENVIRONMENTAL EFFECTS OF WESTERN SURFACE COAL MINING. VOLUME II: MINE INVENTORY. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-78-034. vii + 197p. Feb. 1979. SFA 24(4)

71-011975 Krizek, R. J.; Gallagher, B. J. and Karadi, G. M. WATER QUALITY EFFECTS OF DREDGING DISPOSAL AREA. *Proc. Am. Soc. Civ. Eng., J. Environ. Eng. Div.* 102 (EE2): 389-409. Apr. 1976. SFA 21(2)

71-011976 Kuenzler, E. J.; Mulholland, P. J.; Ruley, L. A. and Sniffen, R. P. WATER QUALITY IN NORTH CAROLINA COASTAL PLAIN STREAMS AND EFFECTS OF CHANNELIZATION. *Univ. N.C. Water Resour. Res. Inst. Rep.* No. 127. xvii + 160p. Oct. 1977. SFA 23(2)

71-011977 Kuenzler, E. J. SEASONAL PATTERNS OF WATER QUALITY IN NATURAL AND CHANNELIZED SWAMP STREAMS OF EASTERN NORTH CAROLINA. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2)

71-011978 Kuntz, B. MALADY AT POLE CREEK. *Wyo. Wildl.* 42(11):34-37. Nov. 1978. SFA 24(1)

71-011979 Labaugh, J. W. WATER CHEMISTRY CHANGES DURING ARTIFICIAL AERATION OF SPRUCE KNOB LAKE, WEST VIRGINIA. *Hydrobiologia* 70(3):201-216. 2 May 1980. SFA 25(3)

71-011980 LaBounty, J. F., (ed.) THIRD WORKSHOP ON ECOLOGY OF PUMPED-STORAGE RESEARCH AT TWIN LAKES, COLORADO AND OTHER LOCALITIES. *Bur. Reclamation, Denver, Colo.* iii + 107p. Fed. 1976. SFA 21(1)

71-011981 LaBounty, J. F.; Crysdale, R. A. and Eller, D. W. DIVE STUDIES AT TWIN LAKES, COLORADO 1974-75. *U.S. Dep. Int., Bur. Reclam.* REC-ERC-76-15. ii + 23p. Sept. 1976. SFA 21(4)

71-011982 Lamb, B. L., (ed.). PROTECTING INSTREAM FLOWS UNDER WESTERN WATER LAWS: SELECTED PAPERS. *U.S. Fish Wildl. Serv. Instream Flow Inf. Pap.* No. 2. ii + 60p. Sept. 1977. SFA 23(2)

71-011983 Lamb, B. L.,(ed.). GUIDELINES FOR PREPARING EXPERT TESTIMONY IN WATER MANAGEMENT DECISIONS RELATED TO INSTREAM FLOW ISSUES. *U.S. Fish Wildl. Serv.* FWS/OBS-77/19. 30p. July 1977. SFA 23(1)

71-011984 Lashnits, D. TENMILE; THE RESURRECTION OF A TROUT STREAM. *Colo. Outdoors.* 25 (6): 24-28. Nov.-Dec. 1976. SFA 22(1)

71-011985 Lee, G. F. DREDGED MATERIAL RESEARCH PROBLEMS AND PROGRESS. *Environ. Sci. Technol.* 10 (4): 334-338. Apr. 1976. SFA 22(1)

71-011986 Leedy, D. L. HIGHWAY-WILDLIFE RELATIONSHIPS VOL. 1. A STATE-OF-THE-ART REPORT. *Fed. Highway Adm. Rep.* No. FHWA-RD-76-4. x + 183p. Dec. 1975. SFA 21(1)

71-011987 Leedy, D. L.; Franklin, T. M. and Hekimian, E. C. HIGHWAY-WILDLIFE RELATIONSHIPS VOL. 2. AN ANNOTATED BIBLIOGRAPHY. *Fed. Highway Adm. Rep.* No. FHWA-RD-76-5. x + 417p. Dec. 1975. SFA 21(1)

71-011988 Leitner, P. IMPACTS OF GEOTHERMAL DEVELOPMENT ON FISH AND WILDLIFE. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58: 308-318. 1978. SFA 24(4)

71-011989 Lindenberg, J. G. ARE ARTIFICIAL REEFS THE ANSWER? *Mass. Wildl.* 30(2):2-6. Mar.-Apr. 1979. SFA 24(4)

71-011990 Loch, J. S.; Derkson, A. J.; Hora, M. E. and Oetting, R. B. POTENTIAL EFFECTS OF EXOTIC FISHES ON MANITOBA: AN IMPACT ASSESSMENT OF THE GARRISON DIVERSION UNIT. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 838. iv + 39p. Feb. 1979. In English with French summ. SFA 24(3)

71-011991 Logan, W. D. GOSHUTE CREEK HABITAT IMPROVEMENT FOR AN ENDANGERED SUBSPECIES OF CUTTHROAT TROUT. *Cal-Neva Wildl. Trans.* 1977:75-79. 1977. SFA 23(3)

71-011992 Longley, W. L.; Jackson, R. and Snyder, B. MANAGING OIL AND GAS ACTIVITIES IN COASTAL ENVIRONMENTS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/54. v + 66p. June 1978. SFA 24(1)

71-011993 Lorenzen, M. and Fast, A. A GUIDE TO AERATION/CIRCULATION TECHNIQUES FOR LAKE MANAGEMENT. *U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser.* EPA-600/3-77-004. xvi + 126p. Jan. 1977. SFA 23(3)

71-011994 Luey, J. E. and I. R. Adelman. DOWNSTREAM NATURAL AREAS AS REFUGES FOR FISH IN DRAINAGE-DEVELOPMENT WATERSHEDS. *Trans. Am. Fish. Soc.* 109(3):332-335. May 1980. SFA 25(4)

71-011995 Lund, J. A. EVALUATION OF STREAM CHANNELIZATION AND MITIGATION ON THE FISHERY RESOURCES OF THE ST. REGIS RIVER, MONTANA. *U.S. Fish Wildl. Serv.* FWS/OBS-76/06. v + 49p. June 1976. SFA 22(4)

71-011996 Lynch, J. A.; Corbett, E. S. and Hoopes, R. IMPLICATIONS OF FOREST MANAGEMENT PRACTICES ON THE AQUATIC ENVIRONMENT. *Fisheries (Bull. Am. Fish. Soc.)* 2 (2): 16-22. Mar.-Apr. 1977. SFA 22(4)

71-011997 Marsh, P. C. and T. F. Waters. EFFECTS OF AGRICULTURAL DRAINAGE DEVELOPMENT ON BENTHIC INVERTEBRATES IN UNDISTURBED DOWNSTREAM REACHES. *Trans. Am. Fish. Soc.* 109(2):213-223. Mar. 1980. SFA 25(2)

71-011998 Marshall, H. L. EFFECTS OF MOSQUITO CONTROL DITCHING ON /JUNCUS/ MARSHES AND UTILIZATION OF MOSQUITO CONTROL DITCHES BY ESTUARINE FISHES AND INVERTEBRATES. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 217p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(2):489. Aug. 1977. SFA 24(1)

71-011999 Marzolf, G. R. THE POTENTIAL EFFECTS OF CLEARING AND SNAGGING ON STREAM ECOSYSTEMS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/14. vii + 31p. Jan. 1978. SFA 23(4)

71-012000 Massey, L. L. EFFECTS OF OFFSHORE PETROLEUM PLATFORMS ON THE AVAILABILITY OF DEMERSAL FISHERY RESOURCES IN THE NORTH CENTRAL GULF OF MEXICO. *Ph.D. dissertation, Univ. South. Miss.* 102p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2020. Nov. 1977. SFA 23(3)

71-012001 Maughan, O. E.; Nelson, K. L. and Ney, J. J. EVALUATION OF STREAM IMPROVEMENT PRACTICES IN SOUTHEASTERN TROUT STREAMS. *Va. Water Resour. Res. Cent. Bull.* 115. vi + 67p. Sept. 1978. SFA 24(1)

71-012002 Mauney, M. and J. J. Ney. IMPACT OF IMPOUNDMENT ON DOWNSTREAM FISH AND BENTHIC MACROINVERTEBRATE COMMUNITIES IN A PIEDMONT STREAM. *Va. J. Sci.* 30(2):77. 1979. Abstract only. SFA 25(3)

71-012003 Mauney, M. and G. L. Harp. THE EFFECTS OF CHANNELIZATION ON FISH POPULATIONS OF THE CACHE RIVER AND BAYOU DEVIEW. *Arkansas Acad. Sci. Proc.* 33:51-54. 1979. SFA 25(3)

71-012004 McCracken, F. D., (ed.). CANSO MARINE ENVIRONMENT WORKSHOP PART 1 OF 4 PARTS. EXECUTIVE SUMMARY. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 834. vii + 17p. Jan. 1979. In English with French summ. SFA 24(3)

71-012005 McGowan, T. A. WESTERN COAL DEVELOPMENT: STRATEGIES TO MINIMIZE IMPACT ON WILDLIFE. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies.* 58: 298-307. 1978. SFA 24(4)

71-012006 McNatt, R. M. ZOOPLANKTON SPECIES COMPOSITION, ABUNDANCE, AND DISTRIBUTION IN A DESERT, PUMPED-STORAGE RESERVOIR. *Ph.D. dissertation, Ariz. State Univ.* 280p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1034. Sept. 1977. SFA 23(3)

71-012007 Mealing, H. C. III; H. L. Stirewalt; A. G. Woodward; J. R. Zets and R. J. Zets. THE EFFECTS OF RECHANNELIZATION ON THE DIET OF SOME GAME FISHES WITH A SUMMARY OF DATA OBTAINED FOR TWO YEARS: PART II. *Ga. J. Sci.* 38(2):92-93. Apr. 1980. Abstract only. SFA 25(3)

71-012008 Meehan, W. R. and Platts, W. S. LIVESTOCK GRAZING AND THE AQUATIC ENVIRONMENT. *J. Soil Water Conserv.* 33 (6): 274-278. Nov.-Dec. 1978. SFA 24(2)

71-012009 Mih, W. C. A REVIEW OF RESTORATION OF STREAM GRAVEL FOR SPAWNING AND REARING OF SALMON SPECIES. *Fisheries (Bull. Am. Fish. Soc.)* 3(1):16-18. Jan.-Feb. 1978. SFA 23(4)

71-012010 Miyazaki, C. and Sawada, T. [STUDIES ON VALUE JUDGMENT OF FISHING GROUNDS WITH NATURAL FISH REEFS AND ARTIFICIAL FISH REEFS. II. FISH-LURING EFFECT OF ARTIFICIAL FISH REEFS.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 11. p. 79-84. 1978. In Japanese with English summ. SFA 24(2)

71-012011 Miyazaki, C. and Sawada, T. [STUDIES ON VALUE JUDGEMENT OF FISHING GROUNDS WITH NATURAL FISH REEFS AND ARTIFICIAL FISH REEFS. I. RELATIONS BETWEEN NATURAL FISH REEFS AND ARTIFICIAL ONES.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 11. p. 71-78. 1978. In Japanese with English summ. SFA 24(2)

71-012012 Moore, R. and Mills, T. AN ENVIRONMENTAL GUIDE TO WESTERN SURFACE MINING. PART ONE: FEDERAL LEASABLE AND LOCATABLE MINERAL REGULATIONS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/20. ii + 70p. June 1977. SFA 23(2)

71-012013 Moore, R. and Mills, T. AN ENVIRONMENTAL GUIDE TO WESTERN SURFACE MINING PART TWO: IMPACTS, MITIGATION AND MONITORING. *U.S. Fish Wildl. Serv.* FWS/OBS-78/04. 482p. Dec. 1977. SFA 24(3)

71-012014 Mortensen, E. DENSITY-DEPENDENT MORTALITY OF TROUT FRY (/SALMO TRUTTA/ L.) AND ITS RELATIONSHIP TO THE MANAGEMENT OF SMALL STREAMS. *J. Fish Biol.* 11(6):613-617. Dec. 1977. SFA 23(2)

71-012015 Morton, J. W. ECOLOGICAL EFFECTS OF DREDGING AND DREDGE SPOIL DISPOSAL: A LITERATURE REVIEW. *U.S. Fish Wildl. Serv. Tech. Pap.* 94. 33p. 1977. SFA 23(2)

71-012016 Moyle, P. B. SOME EFFECTS OF CHANNELIZATION ON THE FISHES AND INVERTEBRATES OF RUSH CREEK, MODOC COUNTY, CALIFORNIA. *Calif. Fish Game* 62 (3): 179-186. July 1976. SFA 21(4)

71-012017 Mulvihill, E. L.; C. A. Francisco; J. B. Glad; K. B. Kaster and R. E. Wilson. BIOLOGICAL IMPACTS OF MINOR SHORELINE STRUCTURES ON THE COASTAL ENVIRONMENT: STATE OF THE ART REVIEW. VOL. I. *U.S. Fish Wildl. Serv.* FWS/OBS-77/51. viii + 156p. Mar. 1980. SFA 25(3)

71-012018 Mulvihill, E. L.; C. A. Francisco; J. B. Glad; K. B. Kaster and R. E. Wilson. BIOLOGICAL IMPACTS OF MINOR SHORELINE STRUCTURES ON THE COASTAL ENVIRONMENT: STATE OF THE ART REVIEW. VOL. II. *U.S. Fish Wildl. Serv.* FWS/OBS-77/51. viii + 306p. Mar. 1980. SFA 25(3)

71-012019 Mumphrey, A. J. and Carlucci, G. D. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME V: REGIONAL STATUS REPORTS. PART 3: GULF COAST REGION. *U.S. Fish Wildl. Serv.* FWS/OBS-77/16.3. xii + 158p. Mar. 1978. SFA 23(3)

71-012020 Nelson, W.; Hoban, E.; Colt, J.; Nelson, W.; Horak, G.; Hale, A.; Parkhurst, F. and Lewis, M. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART A: ROCKY MOUNTAINS AND PACIFIC NORTHWEST. PACIFIC NORTHWEST REGION CASE STUDIES. *U.S. Fish Wildl. Serv.* FWS/OBS-76/31. ix + 398p. Dec. 1976. SFA 23(1)

71-012021 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR SOUTH DAKOTA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/44. vii + 96p. May 1978. SFA 24(1)

71-012022 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR NEVADA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/40. vii + 89p. May 1978. SFA 24(1)

71-012023 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR ARIZONA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/35. vii + 90p. May 1978. SFA 24(1)

71-012024 Nelson, W.; Horak, G. and Lewis, M. INSTREAM FLOW STRATEGIES FOR UTAH. *U.S. Fish Wildl. Serv.* FWS/OBS-78/45. vii + 88p. May 1978. SFA 24(1)

71-012025 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR NEW MEXICO. *U.S. Fish Wildl. Serv.* FWS/OBS-78/41. vii + 85p. May 1978. SFA 24(1)

71-012026 Nelson, W.; Horak, G. and Wilsey, S. INSTREAM FLOW STRATEGIES FOR OREGON. *U.S. Fish Wildl. Serv.* FWS/OBS-78/43. vii + 113p. May 1978. SFA 24(1)

71-012027 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR WYOMING. *U.S. Fish Wild. Serv.* FWS/OBS-78/47. vii + 88p. May 1978. SFA 24(1)

71-012028 Nelson, W.; Horak, G. and Lewis, M. INSTREAM FLOW STRATEGIES FOR COLORADO. *U.S. Fish Wildl. Serv.* FWS/OBS-78/37. vii + 90p. May 1978. SFA 24(1)

71-012029 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR IDAHO. *U.S. Fish Wildl. Serv.* FWS/OBS-78/38. vii + 96p. May 1978. SFA 24(1)

71-012030 Nelson, W.; Horak, G. and Lewis, M. INSTREAM FLOW STRATEGIES FOR CALIFORNIA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/36. vii + 96p. May 1978. SFA 24(1)

71-012031 Nelson, W.; Horak, G.; Wilsey, S. and Solomon, J. INSTREAM FLOW STRATEGIES FOR WASHINGTON. *U.S. Fish Wildl. Serv.* FWS/OBS-78/46. vii + 107p. May 1978. SFA 24(1)

71-012032 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR MONTANA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/39. vii + 102p. May 1978. SFA 24(1)

71-012033 Nelson, W.; Horak, G. and Solomon, J. INSTREAM FLOW STRATEGIES FOR NORTH DAKOTA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/42. vii + 96p. May 1978. SFA 24(1)

71-012034 Nelson, W.; Horak, G.; Hale, A.; Parkhurst, F.; Lewis, M.; Wagaman, D.; Hoban, E. and Colt, J. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART A: ROCKY MOUNTAINS AND PACIFIC NORTHWEST. ROCKY MOUNTAIN REGION CASE STUDIES. *U.S. Fish Wildl. Serv.* FWS/OBS-76/30. ix + 373p. Dec. 1976. SFA 23(1)

71-012035 Nelson, W.; Horak, G.; Lewis, M. and Colt, J. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART A: ROCKY MOUNTAINS AND PACIFIC NORTHWEST. FINAL REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-76/29. xiii + 120p. Dec. 1976. SFA 23(1)

71-012036 Nelson, W.; Horak, G.; Lewis, M. and Colt, J. ASSESSMENT OF EFFECTS OF ALTERED STREAM FLOW CHARACTERISTICS ON FISH AND WILDLIFE. PART. A: ROCKY MOUNTAINS AND PACIFIC NORTHWEST. EXECUTIVE SUMMARY. *U.S. Fish Wildl. Serv.* FWS/OBS-76/28. ix + 14p. Dec. 1976. SFA 23(1)

71-012037 Newbold, J. D. THE USE OF BENTHIC MACROINVERTEBRATES AS INDICATORS OF LOGGING IMPACT ON STREAMS WITH AN EVALUATION OF BUFFER STRIP EFFECTIVENESS. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 107p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3536. Feb. 1978. SFA 23(3)

71-012038 Newbold, J. D.; D. C. Erman and K. B. Roby. EFFECTS OF LOGGING ON MACROINVERTEBRATES IN STREAMS WITH AND WITHOUT BUFFER STRIPS. *Can. J. Fish. Aquatic Sci.* 37(7):1076-1085. July 1980. SFA 25(4)

71-012039 Norton, S. E.; Timbol, A. S. and Parrish, J. D. STREAM CHANNEL MODIFICATION IN HAWAII. PART B: EFFECT OF CHANNELIZATION ON THE DISTRIBUTION AND ABUNDANCE OF FAUNA IN SELECTED STREAMS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/17. ix + 47p. May 1978. SFA 24(1)

71-012040 Nunnally, N. R. STREAM RENOVATION: AN ALTERNATIVE TO CHANNELIZATION. *Environ. Manage.* 2(5):403-411. Sept. 1978. SFA 24(2)

71-012041 Ogawa, Y. [PROBLEMS OF ARTIFICIAL REEFS FOR PROPAGATION OF FISH IN SHALLOW WATER.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 83-91. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-012042 Okamoto, M.; Kuroki, T. and Murai, T. [PRELIMINARY STUDIES ON THE ECOLOGY OF FISHES NEAR ARTIFICIAL REEFS--OUTLINE OF THE ARTIFICIAL REEFS OFF SARUSHIMA ISLAND.] *Bull. Jpn. Soc. Sci. Fish.* 45(6):709-713. June 1979. In Japanese with English summ. SFA 24(4)

71-012043 Oliver, J. L.; Hudson, P. L. and Clugston, J. P. EFFECTS OF A PUMPED STORAGE HYDROELECTRIC PLANT ON RESERVOIR TROUT HABITAT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:449-457. 1977[1979]. SFA 24(4)

71-012044 Overholtz, W. J.; Fast, A. W.; Tubb, R. A. and Miller, R. HYPOLIMNION OXYGENATION AND ITS EFFECTS ON THE DEPTH DISTRIBUTION OF RAINBOW TROUT (/SALMO GAIRDNERI/) AND GIZZARD SHAD (/DOROSOMA CEPEDIANUM/). *Trans. Am. Fish. Soc.* 106(4):371-375. July 1977. SFA 22(4)

71-012045 Parker, R. O., Jr.; Stone, R. B. and Buchanan, C. C. ARTIFICIAL REEFS OFF MURRELLS INLET, SOUTH CAROLINA. *Mar. Fish. Rev.* 41(9):12-24. Sept. 1979. SFA 25(1)

71-012046 Parkinson, E. A.; P. A. Slaney and T. G. Halsey. SOME EFFECTS OF FOREST HARVESTING ON A CENTRAL INTERIOR LAKE IN BRITISH COLUMBIA. *British Columbia Minist. Recreation Conserv. Fish. Manage. Rep.* No. 17. 48p. Sept. 1977. SFA 25(2)

71-012047 Parrish, J. D.; Maciolek, J. A.; Timbol, A. S.; Hathaway, C. B., Jr. and Norton, S. E. STREAM CHANNEL MODIFICATION IN HAWAII PART D: SUMMARY REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/19. x + 18p. Oct. 1978. SFA 24(3)

71-012048 Pearson, R. G. and Jones, N. V. THE EFFECTS OF DREDGING OPERATIONS ON THE BENTHIC COMMUNITY OF A CHALK STREAM. *Biol. Conserv.* 8 (4): 273-278. Dec. 1975. SFA 21(4)

71-012049 Pister, E. P. MANAGING FISHERIES ON RANGELANDS. *Abst. Position Pap. Soc. Range Manage. Annu. Meet.* 33:12. 1980. Abstract only. SFA 25(4)

71-012050 Platts, W. S. LIVESTOCK GRAZING AND RIPARIAN/STREAM ECOSYSTEMS. *Abst. Position Pap. Soc. Range Manage. Annu. Meet.* 33:14. 1980. Abstract only. SFA 25(4)

71-012051 Platts, W. S. LIVESTOCK INTERACTIONS WITH FISH AND AQUATIC ENVIRONMENTS: PROBLEMS IN EVALUATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43: 498-504. 1978. SFA 24(1)

71-012052 Platts, W. S. LIVESTOCK INTERACTIONS WITH FISH AND THEIR ENVIRONMENTS: A SYMPOSIUM SUMMARY. *Cal-Neva Wildl. Trans.* p. 92-96. 1978. SFA 24(3)

71-012053 Pomeroy, W. M. and Stockner, J. G. EFFECTS OF ENVIRONMENTAL DISTURBANCE ON THE DISTRIBUTION AND PRIMARY PRODUCTION OF BENTHIC ALGAE ON A BRITISH COLUMBIA ESTUARY. *J. Fish. Res. Board Can.* 33 (5): 1175-1187. May 1976. In English with French summ. SFA 21(2)

71-012054 Porter, M. E. EFFECTS OF STREAM CHANNELIZATION ON THE MACROBENTHIC AND FISH COMMUNITIES OF THE LITTLE AUGLAIZE RIVER, OHIO. *Ph.D. dissertation, Ohio State Univ.* 190p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3589. Feb. 1978. SFA 23(3)

71-012055 Prince, E. D. and Maughan, O. E. FRESHWATER ARTIFICIAL REEFS: BIOLOGY AND ECONOMICS. *Fisheries (Bull. Am. Fish. Soc.)* 3 (1): 5-9. Jan.-Feb. 1978. SFA 23(4)

71-012056 Prince, E. D. THE BIOLOGICAL EFFECTS OF ARTIFICIAL REEFS IN SMITH MOUNTAIN LAKE, VIRGINIA. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 302p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):982. Sept. 1977. SFA 23(3)

71-012057 Prince, E. D.; Strange, R. J. and Simmons, G. M., Jr. PRELIMINARY OBSERVATIONS ON THE PRODUCTIVITY OF PERIPHYTON ATTACHED TO A FRESHWATER ARTIFICIAL TIRE REEF. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:207-215. 1976[1978]. SFA 24(1)

71-012058 Prince, E. D.; Raleigh, R. F. and Corning, R. V. ARTIFICIAL REEFS AND CENTRARCHID BASSES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* 498-505. 1975. SFA 21(3)

71-012059 Prinsenberg, S. J. MAN-MADE CHANGES IN THE FRESHWATER INPUT RATES OF HUDSON AND JAMES BAYS. *Can. J. Fish. Aquatic Sci.* 37(7):1101-1110. July 1980. SFA 25(4)

71-012060 Raleigh, R. F. THE WESTERN ENERGY/MINERAL SCENARIO. *Fisheries (Bull. Am. Fish. Soc.)* 2 (1): 2-5,13. Jan.-Feb. 1977. SFA 22(3)

71-012061 Ralston, S.; Hilbert, D.; Swift, D.; Carlson, B. and Menges, L. THE ECOLOGICAL EFFECTS OF COAL STRIP-MINING: A BIBLIOGRAPHY WITH ABSTRACTS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/09. iv + 416p. Mar. 1977. SFA 23(1)

71-012062 Ramberg, L. EFFECTS OF FORESTRY OPERATIONS ON AQUATIC ECOSYSTEMS. *Ecol. Bull. (Stock.)* 21: 143-149. 1976. SFA 24(2)

71-012063 Raymond, H. L. EFFECTS OF DAMS AND IMPOUNDMENTS ON MIGRATIONS OF JUVENILE CHINNOK SALMON AND STEELHEAD FROM THE SNAKE RIVER, 1966 TO 1975. *Trans. Am. Fish. Soc.* 108(6):505-529. Nov. 1979. SFA 25(2)

71-012064 Reeves, W. C.; Hooper, G. R. and Smith, B. W. PRELIMINARY OBSERVATIONS OF FISH ATTRACTION TO ARTIFICIAL MIDWATER STRUCTURES IN FRESHWATER. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:471-476. 1977[1979]. SFA 24(4)

71-012065 Reynolds, J. B. MISSOURI RIVER NOTCHED DIKE STUDY ANNUAL COMPOSITE REPORT--1977. *Prepared for U.S. Army Corps Eng., Kansas City and Omaha Dist.* i + 14p. 1977. SFA 23(3)

71-012066 Robinson, J. L. and M. A. Smith. STREAM MORPHOLOGY IN TWO ADJACENT GRAZING SYSTEMS OF MEDICINE BOW MOUNTAINS OF WYOMING. *J. Colo.-Wyo. Acad. Sci.* 12(1):12. Apr. 1980. Abstract only. SFA 25(2)

71-012067 Rosenberg, R. EFFECTS OF DREDGING OPERATIONS ON ESTUARINE BENTHIC MACROFAUNA. *Mar. Pollut. Bull.* 8 (5): 102-104. May 1977. SFA 22(3)

71-012068 Rounsefell, G. A. ECOLOGICAL EFFECTS OF OFFSHORE CONSTRUCTION. *J. Mar. Sci.* 2(1):1-208. 1972. SFA 22(3)

71-012069 Sabean, B. THE EFFECTS OF SHADE REMOVAL ON STREAM TEMPERATURE IN NOVA SCOTIA. *Nova Scotia Dep. Land For.* Cat./77/135/150. 31p. 1977. SFA 24(2)

71-012070 Sanders, D. F. and Jacobi, G. Z. EFFECTS OF STREAM CHANNELIZATION OF AQUATIC MACROINVERTEBRATES, BUENA VISTA MARSH, PORTAGE COUNTY, WISCONSIN. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1)

71-012071 Seymour, J. L. PRELIMINARY LEGAL CONSIDERATIONS IN DEVELOPING ARTIFICIAL REEFS. *Coast. Zone Manage. J. (copywrite Crane, Russak & Co., N.Y.)* 2 (2): 149-169. 1975. SFA 22(1)

71-012072 Shuldiner, P. W.; D. F. Cope and R. B. Newton. ECOLOGICAL EFFECTS OF HIGHWAY FILLS ON WETLANDS. USER'S MANUAL. *Natl. Coop. Highway Res. Prog. Rep.* 218B. 99p. Dec. 1979. SFA 25(2)

71-012073 Slade, E. A.; J. B. Harper; K. S. Clark and G. E. Stanton. EFFECTS OF URBANIZATION ON ROARING BRANCH CREEK. *Ga. J. Sci.* 38(2):93. Apr. 1980. Abstract only. SFA 25(3)

71-012074 Slaney, P. A.; T. G. Halsey and A. F. Tautz. EFFECTS OF FOREST HARVESTING PRACTICES ON SPAWNING HABITAT OF STREAM SALMONIDS IN THE CENTENIAL CREEK WATERSHED, BRITISH COLUMBIA. *British Columbia Minist. Recreation Conserv. Fish. Manage. Rep.* No. 73. ii + 45p. Nov. 1977. SFA 25(2)

71-012075 Smith, D. D. NEW FEDERAL REGULATIONS FOR DREDGED AND FILL MATERIAL. *Environ. Sci. Technol.* 10 (4): 328-333. Apr. 1976. SFA 22(1)

71-012076 Smith, G. B.; Hensley, D. A. and Mathews, H. H. COMPARATIVE EFFICACY OF ARTIFICIAL AND NATURAL GULF OF MEXICO REEFS AS FISH ATTRACTANTS. *Fla. Dep. Nat. Resour. Mar. Res. Lab. Res. Publ.* No. 35. 7p. June 1979. SFA 25(1)

71-012077 Sniffen, R. P. THE ABUNDANCE OF AQUATIC MACROINVERTEBRATES IN A SEASONALLY INUNDATED FLOODPLAIN SWAMP. *Bull. Ecol. Soc. Am.* 59(2):110. June 1978. Abstract only. SFA 23(4)

71-012078 Snyder, G. R. EFFECTS OF DREDGING ON AQUATIC ORGANISMS--WITH SPECIAL APPLICATION TO AREAS ADJACENT TO THE NORTHEASTERN PACIFIC OCEAN. *Mar. Fish. Rev.* 38 (11): 34-38. Nov. 1976. SFA 22(2)

71-012079 Srinivasan, S. R. WATER QUALITY CHANGES IN AN IMPOUNDMENT AS A CONSEQUENCE OF ARTIFICIAL DESTRATIFICATION. *Ph.D. dissertation, Univ. Okla.* 239p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(11):5303. May 1979. SFA 24(3)

71-012080 Stabler, L. A. BEEF STEAK AND WILD TROUT ... MAKING IT HAPPEN. *Abst. Position Pap. Soc. Range Manage. Annu. Meet.* 33:14. 1980. Abstract only. SFA 25(4)

71-012081 Stalnaker, C. B. ABSTRACTION, APPROPRIATION, AND INSTREAM FLOW NEEDS. *Fisheries (Bull. Am. Fish. Soc.)* 2 (1): 17-19. Jan.-Feb. 1977. SFA 22(3)

71-012082 Stevens, D. E. EFFECTS OF WATER DEVELOPMENT ON STRIPED BASS SURVIVAL IN THE SACRAMENTO-SAN JOAQUIN ESTUARY CALIFORNIA. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57: 302. July 1977. Abstract Only. SFA 23(3)

71-012083 Stickney, R. R. and Perlmutter, D. IMPACT OF INTRACOASTAL WATERWAY MAINTENANCE DREDGING ON A MUD BOTTOM BENTHOS COMMUNITY. *Biol. Conserv.* 7 (3): 211-226. Apr. 1975. SFA 21(4)

71-012084 Stober, Q. J.; Tyler, R. W.; Knutzen, J. A.; Gaudet, D.; Petrosky, C. E. and Nakatani, R. E. OPERATIONAL EFFECTS OF IRRIGATION AND PUMPED STORAGE ON THE ECOLOGY OF BANKS LAKE, WASHINGTON. *U.S. Dep. Interior Bur. Reclam. Eng. Res. Cent. Rep.* REC-ERC-77-5. 153p. Dec. 1977. SFA 24(3)

71-012085 Stone, R. B. ARTIFICIAL REEFS AND FISHERY MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 3 (1): 2-4. Jan.-Feb. 1978. SFA 23(4)

71-012086 Stone, R. B.; Pratt, H. L.; Parker, R. O., Jr. and Davis, G. E. A COMPARISON OF FISH POPULATIONS ON AN ARTIFICIAL AND NATURAL REEF IN THE FLORIDA KEYS. *Mar. Fish. Rev.* 41(9):1-11. Sept. 1979. SFA 25(1)

71-012087 Sweeney, R.; Foley, R.; Merckel, C. and Wyeth, R. IMPACTS OF THE DEPOSITION OF DREDGED SPOILS ON LAKE ERIE SEDIMENT QUALITY AND ASSOCIATED BIOTA. *J. Great Lakes Res.* 1 (1): 162-170. 1975. SFA 22(4)

71-012088 Szabo, M. F. ENVIRONMENTAL ASSESSMENT OF COAL TRANSPORTATION. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-78-081. x + 142p. May 1978. SFA 24(4)

71-012089 Tan, K.-H. and Thirumurthi, D. HIGHWAY CONSTRUCTION IMPACT ON WATER-SUPPLY LAKES. *Proc. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 104 (5): 997-1011. Oct. 1978. SFA 24(1)

71-012090 Teleki, G. C. and Chamberlain, A. J. ACUTE EFFECTS OF UNDERWATER CONSTRUCTION BLASTING ON FISHES IN LONG POINT BAY, LAKE ERIE. *J. Fish. Res. Board Can.* 35 (9): 1191-1198. Sept. 1978. In English with French summ. SFA 24(1)

71-012091 Thorhaug, A. and J. H. Marcus. POTENTIAL ARTIFICIAL REEFS CREATED BY THE PRESENCE OF OCEAN THERMAL ENERGY CONVERSION (OTEC) PLANTS. *Fla. Sci.* 43(Suppl. 1):18. 1980. Abstract only. SFA 25(2)

71-012092 Timbol, A. S. and Maciolek, J. A. STREAM CHANNEL MODIFICATION IN HAWAII. PART A: STATEWIDE INVENTORY OF STREAMS, HABITAT FACTORS AND ASSOCIATED BIOTA. *U.S. Fish Wildl. Serv.* FWS/OBS-78/16. xiii + 157p. Apr. 1978. SFA 24(1)

71-012093 Tippett, R. EFFECT OF A PUMP-STORAGE HYDRO-ELECTRIC SCHEME ON THE STRATIFICATION AND ECOLOGY OF A SCOTTISH LOCH. *Int. Ver. Theor. Agnew. Limnol. Verh.* 20 (4): 2697-2700. 1978. SFA 24(4)

71-012094 Tippie, V. and Robadue, D. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME V: REGIONAL STATUS REPORTS. PART 1: NEW ENGLAND. *U.S. Fish Wildl. Serv.* FWS/OBS-77/16.1. ix + 67p. Mar. 1978. SFA 23(3)

71-012095 Toetz, D. W. BIOLOGICAL AND WATER QUALITY EFFECTS OF ARTIFICIAL MIXING OF ARBUCKLE LAKE, OKLAHOMA, DURING 1977. *Hydrobiologia* 63(3):255-262. 27 Apr. 1979. SFA 24(4)

71-012096 Toetz, D. W. EFFECTS OF ARTIFICIAL LAKE MIXING ON COMMUNITY METABOLISM, ALGAL BIOMASS AND FISH GROWTH. *Bull. Ecol. Soc. Am.* 59(2):71. June 1978. Abstract only. SFA 23(4)

71-012097 Toetz, D. W. EFFECTS OF LAKE MIXING WITH AN AXIAL FLOW PUMP ON WATER CHEMISTRY AND PHYTOPLANKTON. *Hydrobiologia* 55(2):129-138. 18 Aug. 1977. SFA 23(1)

71-012098 Trent, L.; Pullen, E. J. and Proctor, R. ABUNDANCE OF MACROCRUSTACEANS IN A NATURAL MARSH AND A MARSH ALTERED BY DREDGING, BULKHEADING, AND FILLING. *NOAA Fish. Bull.* 74(1):195-200. Jan. 1976. SFA 21(1)

71-012099 U.S. Environmental Protection Agency. REVIEW OF ENVIRONMENTAL ISSUES OF THE TRANSPORTATION OF ALASKAN NORTH SLOPE CRUDE OIL. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-77-046. xv + 123p. May 1977. SFA 23(3)

71-012100 U.S. Fish and Wildlife Service. SUMMARIES OF RIPARIAN AND STREAM ALTERATION STUDIES COMPLETED BY THE EASTERN ENERGY AND LAND USE TEAM. *U.S. Fish Wildl. Serv.* vi + 38p. July 1980. SFA 25(4)

71-012101 Van Dolah, R. F.; Maclin, M. S.; Calder, D. R. and Knott, D. M. EFFECTS OF DREDGING AND UNCONFINED DISPOSAL OF DREDGED MATERIAL ON MACROBENTHIC COMMUNITIES IN SEWEE BAY, SOUTH CAROLINA. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 39. 54p. Apr. 1979. SFA 25(1)

71-012102 Vittor, B. A. EFFECTS OF CHANNEL DREDGING ON BIOTA OF A SHALLOW ALABAMA ESTUARY. *J. Mar. Sci.* 2(3):111-133. 1974. SFA 22(3)

71-012103 Walton, J. M. PUGET SOUND ARTIFICIAL REEF STUDY. *Ph.D. dissertation, Univ. Wash.* 142p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2494. Dec. 1979. SFA 25(2)

71-012104 Ward, J. V. COMPARATIVE LIMNOLOGY OF DIFFERENTIALLY REGULATED SECTIONS OF A COLORADO MOUNTAIN RIVER. *Arch. Hydrobiol.* 78(3):319-342. Sept. 1976. In English with German summ. SFA 21(4)

71-012105 Wegener, W.; Williams, V. and McCall, T. D. AQUATIC MACROINVERTEBRATE RESPONSES TO AN EXTREME DRAWDOWN. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:126-144. 1975. SFA 21(3)

71-012106 Welch, H. E.; Symons, P. E. K. and Narver, D. W. SOME EFFECTS OF POTATO FARMING AND FOREST CLEARCUTTING ON SMALL NEW BRUNSWICK STREAMS. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 745. iv + 13p. Nov. 1977. In English with French summ. SFA 23(2)

71-012107 White, D. S.; Hill, F. C. and Haag, K. H. THE FISHES OF GOOSE CREEK, JEFFERSON COUNTY, KENTUCKY: A STREAM UNDER THE INFLUENCE OF URBAN DEVELOPMENT. *Trans. Ky. Acad. Sci.* 38 (1-2): 45-55. Mar. 1977. SFA 22(3)

71-012108 White, T. R. and R. C. Fox. RECOLONIZATION OF STREAMS BY AQUATIC INSECTS FOLLOWING CHANNELIZATION. *Clemson Univ. Water Resour. Res. Inst. Rep.* No. 87. (Vol. I). iv + 120p. May 1980. SFA 25(4)

71-012109 White, T. R. and R. C. Fox. A BIBLIOGRAPHY OF STREAM ALTERATION (CHANNELIZATION). *Clemson Univ. Water Resour. Res. Inst. Rep.* No. 87. (Vol. II). 57p. May 1980. SFA 25(4)

71-012110 Wiley, R. and Dufek, D. STREAM ALTERATION AND TROUT PRODUCTION. *Wyo. Wildl.* 42(11):26-27. Nov. 1978. SFA 24(1)

71-012111 Wiley, R. and Dufek, D. STREAM ALTERATION AND TROUT PRODUCTION. *Wyo. Wildl.* 41(2):30-31. Feb. 1977. SFA 22(2)

71-012112 Windom, H. L. ENVIRONMENTAL ASPECTS OF DREDGING IN THE COASTAL ZONE. *Crit. Rev. Environ. Control* 6 (2): 91-109. 1976. SFA 22(1)

71-012113 Woods, P. F. DISSOLVED OXYGEN IN INTRAGRAVEL WATER OF THREE TRIBUTARIES TO REDWOOD CREEK, HUMBOLDT COUNTY, CALIFORNIA. *Water Resour. Bull.* 16(1):105-111. Feb. 1980. SFA 25(2)

71-012114 Woodward-Clyde Consultants. IMPACT PREDICTION MANUAL FOR GEOTHERMAL DEVELOPMENT. *U.S. Fish Wildl. Serv.* FSW/OBS-78/77. v + 153p. June 1978. SFA 24(3)

71-012115 Workman, D. AN EVALUATION OF STREAM IMPROVEMENTS ON PRICKLY PEAR CREEK. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:275-283. July 1975. SFA 23(1)

71-012116 Zimmer, D. and Bachmann, R. THE EFFECTS OF LONG-REACH CHANNELIZATION ON INVERTEBRATE DRIFT IN SOME IOWA STREAMS. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1)

71-012117 Zimmer, D. W. and Bachmann, R. W. CHANNELIZATION AND INVERTEBRATE DRIFT IN SOME IOWA STREAMS. *Water Resour. Bull.* 14(4):868-883. Aug. 1978. SFA 23(4)

71-012118 Zimmer, D. W. and Bachman, R. W. A STUDY OF THE EFFECTS OF STREAM CHANNELIZATION AND BANK STABILIZATION ON WARMWATER SPORT FISH IN IOWA. *U.S. Fish Wildl. Serv.* FWS/OBS-76/14. iii + 87p. May 1976. SFA 24(1)

71-012119 Zimmer, D. W. THE EFFECTS OF LONG-REACH CHANNELIZATION ON HABITAT AND INVERTEBRATE DRIFT IN SOME IOWA STREAMS. *Ph. D. dissertation, Iowa State Univ.* 90p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-012120 Zinn, J. ENVIRONMENTAL PLANNING FOR OFFSHORE OIL AND GAS. VOLUME II: EFFECTS ON COASTAL COMMUNITIES. *U.S. Fish Wildl. Serv.* FWS/OBS-77/13. xi + 60p. Mar. 1978. SFA 23(3)

HARVEST, CREEL CENSUS, ETC.

71-012121 Aggus, L. R.; Morais, D. I. and Baker, R. F. EVALUATION OF THE TROUT FISHERY IN THE TAILWATER OF BULL SHOALS RESERVOIR, ARKANSAS, 1971-73. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:565-573. 1977[1979]. SFA 24(4)

71-012122 Alexander, C. M. and J. A. Holbrook II. COMPARISON OF BASS CLUB RECORDS WITH CREEL CENSUSES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:446-448. 1978[1979]. SFA 25(2)

71-012123 Andrews, A. K. FISHERMAN EXPENDURES AND CAPITALIZED VALUES OF AN OKLAHOMA SMALLMOUTH BASS STREAM BISECTED BY AN IMPOUNDMENT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:322-332. 1975. SFA 21(3).

71-012124 Anonymous. SALMON HARVEST UP. *Alaska Fish Tales Game Trails.* 10 (1): 1,20. Jan.-Feb. 1977. SFA 22(3)

71-012125 Barclay, J. C. BENEFITS AND COSTS OF SALMON ENHANCEMENT: THE BRITISH COLUMBIA CASE. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:383-411. 1978. SFA 24(4)

71-012126 Beinssen, K. H. H. RECREATIONAL AND COMMERCIAL ESTUARINE FISHING IN VICTORIA: A PRELIMINARY STUDY. *Victoria Fish. Wildl. Pap.* No. 16. 40p. Sept. 1978. SFA 24(1)

71-012127 Bell, F. W. RECREATIONAL VERSUS COMMERCIAL FISHING IN FLORIDA: AN ECONOMIC IMPACT ANAYLSIS. *Fla. State Univ. Policy Sci. Prog.* iii + 26p. 30 Apr. 1979. SFA 25(1)

71-012128 Bender, R. E. and McGie, A. M. THE HARVEST OF HATCHERY AND WILD FALL CHINOOK SALMON IN 1974 FROM ELK RIVER, OREGON. *Oreg. Dep. Fish Wildl. Inf. Rep. Ser. Fish.* No. 78-6. 17p. Dec. 1978. SFA 24(2)

71-012129 Campbell, W. J.; Hayes, E.; Chapmen, W. R. and Seawell, W. ANGLING PRESSURE AND SPORT FISH HARVEST IN THE PREDATOR-STOCKING-EVALUATION RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:114-119. 1976[1978]. SFA 24(1)

71-012130 Carlander, K. D. and HadiKastowo. AMOUNTS AND SPECIES COMPOSITION OF FISH HARVESTED FROM RAWA PENING, 1978. *J. Satya Wacana Res.* 1(5):474-492. 1978. SFA 24(4)

71-012131 Carls, E. G. COMPARATIVE CHARACTERISTICS OF SURF FISHERMEN AND BOAT FISHERMEN ON LONG ISLAND, NEW YORK. *N.Y. Fish Game J.* 27(1):51-62. Jan. 1980. SFA 25(3)

71-012132 Carpenter, M. R. and Bowlus, D. R. ATTITUDES TOWARD FISHING AND FISHERIES MANAGEMENT OF USERS IN DESOLATION WILDERNESS, CALIFORNIA. *Calif. Fish Game* 62(3):168-178. July 1976. SFA 21(4)

71-012133 Cauvin, D. THE VALUATION OF RECREATIONAL FISHERIES. *Can. J. Fish. Aquatic Sci.* 37(8):1321-1327. Aug. 1980. In English with French summ. SFA 25(4)

71-012134 Charbonneau, J. J. and Hay, M. J. DETERMINANTS AND ECONOMIC VALUES OF HUNTING AND FISHING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:391-403. 1978. SFA 24(1)

71-012135 Chavez, H.; Silva, S. and Sunada, J. S. THE FISHERY FOR NORTHERN ANCHOVY, /ENGRAULIS MORDAX/, OFF CALIFORNIA AND BAJA CALIFORNIA IN 1975. *Calif. Coop. Oceanic Fish Invest. Rep.* 19: 147-165. Oct. 1977. In English with Spanish summ. SFA 24(3)

71-012136 Christensen, D. J. and W. J. Clifford. COMPOSITION OF CATCHES MADE BY ANGLERS FISHING FOR SUMMER FLOUNDER, *PARALICHTHYS DENTATUS*, FROM NEW JERSEY PARTY BOATS IN 1978. *Mar. Fish. Rev.* 41(12):28-30. Dec. 1979. SFA 25(2)

71-012137 Clady, M. D. DISTRIBUTION AND RELATIVE EXPLOITATION OF YELLOW PERCH TAGGED ON SPAWNING GROUNDS IN ONEIDA LAKE. *N.Y. Fish Game J.* 24 (2): 168-177. July 1977. SFA 22(4)

71-012138 Crowe, D. M. ECONOMIC IMPACT OF HUNTING AND FISHING IN WYOMING. *Wyo. Wildl.* 41(6):4-6. June 1977. SFA 22(3)

71-012139 Dempson, J. B. and Best, C. EVALUATION OF THE 1976 ARCTIC CHAR FISHERY IN NORTHERN LABRADOR. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 760. iv + 45p. Apr. 1978. In English with French summ. SFA 23(4)

71-012140 Ditton, R. B.; Mertens, T. J. and Schwartz, M. P. CHARACTERISTICS, PARTICIPATION, AND MOTIVATIONS OF TEXAS CHARTER BOAT FISHERMEN. *Mar. Fish. Rev.* 40(8):8-13. Aug. 1978. SFA 24(1)

71-012141 Ditton, R. B.; Jarman, R. N. and Woods, S. A. AN ANALYSIS OF THE CHARTER BOAT FISHING INDUSTRY ON THE TEXAS GULF COAST. *Mar. Fish. Rev.* 40(8):1-7. Aug. 1978. SFA 24(1)

71-012142 Driver, B. L. and Knopf, R. C. TEMPORARY ESCAPE: ONE PRODUCT OF SPORT FISHERIES MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 1(2):21, 24-29. Mar.-Apr. 1976. SFA 21(3)

71-012143 Dunning, D. J. THE ATTITUDES AND CHARACTERISTICS OF ANGLERS AND NON-ANGLERS AS THEY RELATE TO SPORT FISHING IN ERIE COUNTY, NEW YORK. *Ph.D. dissertation, State Univ. N.Y. (Buffalo)* 244p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(1):39. July 1978. SFA 23(4)

71-012144 Dunning, D. J. and Hadley, W. F. PARTICIPATION OF NONLICENSED ANGLERS IN RECREATIONAL FISHERIES, ERIE COUNTY, NEW YORK. *Trans. Am. Fish. Soc.* 107(5):678-681. Sept. 1978. SFA 24(1)

71-012145 Elsey, C. A. and Thomson, R. T. EXPLOITATION OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) IN LAC DES MILLE LACS, NORTHERN ONTARIO, BY COMMERCIAL AND SPORT FISHERIES, 1958-75. *J. Fish. Res. Board Can.* 34(10):1769-1773. Oct. 1977. In English with French summ. SFA 23(1)

71-012146 Ernst, D. and T. C. Osborn. THE SUMMER SPORTFISHERY IN VOYAGEURS NATIONAL PARK AND SURROUNDING WATERS FOR 1977 AND 1978. *Minn. Dep. Nat. Resour. Fish Sect. Invest. Rep.* No. 370. 37p. Apr. 1980. SFA 25(3)

71-012147 Everest, F. H. EVALUATION OF FISHERIES FOR ANADROMOUS SALMONIDS PRODUCED ON WESTERN NATIONAL FORESTS. *Fisheries (Bull. Am. Fish. Soc.)* 2(2):8-11, 34-36. Mar.-Apr. 1977. SFA 22(4)

71-012148 FAO of the UN. 1978 YEARBOOK OF FISHERY STATISTICS. CATCHES AND LANDINGS. *FAO Fish. Ser.* 10:x + 372p. 1979. SFA 25(3)

71-012149 FAO of the UN. 1976 YEARBOOK OF FISHERY STATISTICS. CATCHES AND LANDINGS. VOL. 42. *FAO Fish Ser.* 6:xxii + 323p. 1977. In English, French, and Spanish. SFA 23(3)

71-012150 FAO of the UN. 1976 YEARBOOK OF FISHERY STATISTICS. FISHERY COMMODITIES. VOL. 43. *FAO Fish Ser.* 7:xix + 336p. 1977. In English, French, and Spanish. SFA 23(3)

71-012151 FAO of the UN. REPORT AND TECHNICAL PAPERS OF THE SECOND EUROPEAN CONSULTATION ON THE ECONOMIC EVALUATION OF SPORT AND COMMERCIAL FISHERIES. 22-24 SEPTEMBER 1975, GOTHENBURG, SWEDEN. *EIFAC (Eur. Inland Fish. Advis. Comm.) Tech. Pap.* No. 26. 186p. 1977. In English and French. SFA 23(2)

71-012152 FAO of the UN. REPORT OF THE FOURTH SESSION OF THE IPFC/IOFC JOINT WORKING PARTY OF EXPERTS ON INDIAN OCEAN AND WESTERN PACIFIC FISHERY STATISTICS. *FAO Fish. Rep.* No. 189. iv + 15p. Jan. 1977. SFA 24(2)

71-012153 FAO of the UN. 1977 YEARBOOK OF FISHERY STATISTICS. CATCHES AND LANDINGS. VOL. 44. *FAO Fish. Ser.* 8. xii + 343p. 1978. SFA 24(4)

71-012154 FAO of the UN. 1977 YEARBOOK OF FISHERY STATISTICS. FISHERY COMMODITIES. VOL. 45. *FAO Fish. Ser.* 9. xvi + 283p. 1978. SFA 24(4)

71-012155 Farr, D. H. and Blake, L. M. A CREEL CENSUS OF THE SALMONID FISHERY IN SOUTH SANDY CREEK, NEW YORK. *N.Y. Fish Game J.* 26(1):1-10. Jan. 1979. SFA 25(1)

71-012156 Fleener, G. G. HARVEST OF SMALLMOUTH BASS AND ASSOCIATED SPECIES IN COURTOIS CREEK. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 250-256. 1975. SFA 21(3).

71-012157 Grant, J. J. EVALUATION OF STRIPED BASS PARTY BOAT LOG REPORTING FOR THE SACRAMENTO-SAN JOAQUIN ESTUARY FROM 1969 TO 1974. *Calif. Dep. Fish Game Anadromous Fish. Br. Admin. Rep.* No. 77-8. 20p. Oct. 1977. SFA 23(2)

71-012158 Groen, C. L. and Schmulbach, J. C. THE SPORT FISHERY OF THE UNCHANNELIZED AND CHANNELIZED MIDDLE MISSOURI RIVER. *Trans. Am. Fish. Soc.* 107(3):412-418. May 1978. SFA 23(4)

71-012159 Gustaveson, A. W.; Stowell, F. M. and Hepworth, D. K. A REVIEW OF FISHING SUCCESS AND PRESSURE ON LAKE POWELL 1964-1976. *Utah State Div. Wildl. Resour. Publ.* No. 79-4. ii + 24p. 1979. SFA 25(1)

71-012160 Hammond, D. E. and Ager, L. A. A MARK-RECAPTURE STUDY ON LARGEMOUTH BASS USED IN CONJUNCTION WITH A CREEL SURVEY. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:119-125. 1975[1976]. SFA 22(3)

71-012161 Hammond, D. L. and Cupka, D. M. AN ECONOMIC AND BIOLOGICAL EVALUATION OF THE SOUTH CAROLINA PIER FISHERY. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 20. iii + 14p. Nov. 1977. SFA 24(1)

71-012162 Hampton, E. L. and Lackey, R. T. ANALYSIS OF ANGLER PREFERENCES AND FISHERIES MANAGEMENT OBJECTIVES WITH IMPLICATIONS FOR MANAGEMENT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:310-316. 1975[1976]. SFA 22(3)

71-012163 Hanson, W. D. and J. G. Dillard. RECREATIONAL USE OF THOMAS HILL RESERVOIR AND ADJOINING LANDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:459-469. 1978[1979]. SFA 25(2)

71-012164 Hanson, W. D. and Dillard, J. G. CONTRIBUTION OF STRIPED BASS TO THE FISHERY OF LAKE OF THE OZARKS, MISSOURI. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:162-167. 1975[1976]. SFA 22(3)

71-012165 Harmon, P. L. SURVEY OF ANGLERS ON THE SCHUYLKILL RIVER NEAR POTTSTOWN, PENNSYLVANIA IN 1976. *Proc. Pa. Acad. Sci.* 52(2):1978. SFA 24(4)

71-012166 Havey, K. A. and D. O. Locke. RAPID EXPLOITATION OF HATCHERY-REARED BROOK TROUT BY ICE FISHERMEN IN A MAINE LAKE. *Trans. Am. Fish. Soc.* 109(3):282-286. May 1980. SFA 25(4)

71-012167 Heberlein, T. A. and Vaske, J. J. CROWDING AND VISITOR CONFLICT ON THE BOIS BRULE RIVER. *Univ. Wis. Water Resour. Cent. Tech. Rep.* Wis. WRC 77-04. viii + 100p. 1977. SFA 22(4)

71-012168 Hess, T. B. CHARACTERISTICS OF 1975-76 GEORGIA RESIDENT FISHING LICENSE HOLDERS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:727-731. 1978[1979]. SFA 25(2)

71-012169 Howard, I. C. OPINIONS, PREFERENCES, SATISFACTIONS, AND IMPORTANCE OF WOMEN ANGLERS IN MASSACHUSETTS. *Fisheries (Bull. Am. Fish. Soc.)* 4(6):32-34. Nov.-Dec. 1979. SFA 25(2)

71-012170 Huntsman, G. R.; Colby, D. R. and Dixon, R. L. MEASURING CATCHES IN THE CAROLINA HEADBOAT FISHERY. *Trans. Am. Fish. Soc.* 107 (2): 241-245. Mar. 1978. SFA 23(3)

71-012171 Huntsman, G. R. and Dixon, R. L. RECREATIONAL CATCHES OF FOUR SPECIES OF GROUPERS IN THE CAROLINA HEADBOAT FISHERY. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:185-194. 1975[1976]. SFA 22(3)

71-012172 Huppert, D. and McMillan, J. CALIFORNIA'S WETFISH AND MARKET FISH FISHERIES-- ECONOMIC VALUES. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:412-426. 1978. SFA 24(4)

71-012173 Ingram, B. S. ECONOMIC ACTIVITY RELATED TO MARINE RECREATIONAL FISHING. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:524-542. 1978. SFA 24(4)

71-012174 Internation Commission for the Northwest Atlantic Fisheries. LIST OF NORTHWEST ATLANTIC SPECIES ARRANGED ACCORDING TO THE ICNAF GROUPS. *Int. Comm. Northwest Atl. Fish. Stat. Bull.* 27:1-229. 1979. SFA 25(2)

71-012175 Jones, F. V.; Pearson, W. D. and Fitzpatrick, L. C. YIELD ESTIMATES DERIVED FROM ACTIVE AND PASSIVE CREEL SURVEYS OF A SMALL POND FISHERY. *Tex. J. Sci.* 29(1-2):41-48. Sept. 1977. SFA 23(2)

71-012176 Kempinger, J. J. COST OF STOCKED WALLEYES CAUGHT BY ANGLERS IN ESCANABA LAKE. *Wis. Dep. Nat. Resour. Res. Rep.* 91. 5p. Mar. 1977. SFA 22(3)

71-012177 King, T. R.; R. R. Thompson and J. C. Buntz. COMPARISON OF ATTITUDES OF AVERAGE FISHERMEN AND FISHING CLUB MEMBERS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:657-665. 1978[1979]. SFA 25(2)

71-012178 Kolenosky, D. P. LAKE ONTARIO SALMON ANGLER SURVEY. *Ont. Fish Wildl. Rev.* 17(2):23-24. 1978. SFA 24(2)

71-012179 Lal, K. CALIFORNIA INLAND ANGLING TRENDS FOR 1971 THROUGH 1974. *Calif. Fish Game* 65(1):4-22. Jan. 1979. SFA 24(3)

71-012180 Lehtonen, H. and K. Salojärvi. KOTITARVE- JA VIRKISTYSKALASTUS SUOMESSA VUONNA 1975. [AMATEUR FISHING IN FINLAND IN 1975.] *Suom. Kalatalous* No. 48. p. 41-55. 1978. In Finnish with English summ. SFA 25(4)

71-012181 Lehtonen, H. RANNIKON SISÄVESIKALOJEN KALASTUS VUONNA 1976. [FISHING OF FRESHWATER FISHES IN FINNISH BALTIC SEA AREA IN 1976.] *Suom. Kalatalous* No. 48. p. 25-40. 1978. In Finnish with English summ. SFA 25(4)

71-012182 Lenanton, R. C. J. THE INSHORE-MARINE AND ESTUARINE LICENSED AMATEUR FISHERY OF WESTERN AUSTRALIA. *West. Aust. Mar. Res. Lab. Fish. Res. Bull.* No. 23. 33p. 1979. SFA 25(1)

71-012183 Lenanton, R. C. J. and Hall, N. G. THE WESTERN AUSTRALIAN AMATEUR FISHERY FOR AUSTRALIAN HERRING (/ARRIPIS GEORGIANUS/): RESULTS OF THE 1973 CREEL CENSUS. *Dep. Fish. Wildl. West. Aust. Rep.* No. 25. 59p. 1976. SFA 24(1)

71-012184 Malvestuto, S. P.; Davies, W. D. and Shelton, W. L. AN EVALUATION OF THE ROVING CREEL SURVEY WITH NONUNIFORM PROBABILITY SAMPLING. *Trans. Am. Fish. Soc.* 107 (2): 255-262. Mar. 1978. SFA 23(3)

71-012185 Malvestuto, S. P.; Davies, W. D. and Shelton, W. L. PREDICTING THE PRECISION OF CREEL SURVEY ESTIMATES OF FISHING EFFORT BY USE OF CLIMATIC VARIABLES. *Trans. Am. Fish. Soc.* 108 (1): 43-45. Jan. 1979. SFA 24(3)

71-012186 Manning, R. E. BEHAVIORAL CHARACTERISTICS OF FISHERMEN AND OTHER RECREATIONISTS ON FOUR VERMONT RIVERS. *Trans. Am. Fish. Soc.* 108(6):536-541. Nov. 1979. SFA 25(2)

71-012187 Manooch, C. S. III and Laws, S. T. SURVEY OF THE CHARTER BOAT TROLL FISHERY IN NORTH CAROLINA, 1977. *Mar. Fish. Rev.* 41(4):15-27. Apr. 1979. SFA 24(4)

71-012188 McAfee, M. E. RANDOM-STRATIFIED CREEL CENSUS FOR COMPARING FISHERMAN USE AND RETURN OF CREEL-SIZE TROUT IN SMALLER COLORADO RESERVOIRS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:1-4. 1980. SFA 25(4)

71-012189 McAllister, R. CALIFORNIA MARINE FISH LANDINGS FOR 1974. *Calif. Dep. Fish Game Fish Bull.* 166. 53p. 1976. SFA 21(3)

71-012190 Meacham, C. P. and Randall, R., (eds.). BRISTOL BAY SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) 1976. A COMPILATION OF CATCH AND ESCAPEMENT DATA. *Alaska Dep. Fish Game Tech. Data Rep.* No. 43. 77p. 1979. SFA 24(4)

71-012191 Mense, J. B. FISHERMAN POSTAL SURVEY 1977. *Okla. Fish. Res. Lab. Bull.* no. 15. 22p. Mar. 1978. SFA 24(3)

71-012192 Moody, H. L. TOURNAMENT CATCH OF LARGEMOUTH BASS FROM ST. JOHNS RIVER, FLORIDA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:73-82. 1975. SFA 21(3)

71-012193 Moring, J. R. NONREPORTING OF RECAPTURES OF TAGGED RAINBOW TROUT FROM AN OREGON STREAM. *Prog. Fish-Cult.* 42(2):113-115. Apr. 1980. SFA 25(3)

71-012194 Ness, H. O. ECONOMIC ASPECTS OF THE DEVELOPMENT OF THE HERRING ROE GILLNET FISHERY, SOUTHEASTERN ALASKA, 1976. *Mar. Fish. Rev.* 40(4):25-30. Apr. 1978. SFA 23(4)

71-012195 Nicholson, W. R. GULF MENHADEN, /BREVOORTIA PATRONUS/, PURSE SEINE FISHERY: CATCH, FISHING ACTIVITY, AND AGE AND SIZE COMPOSITON, 1964-73. *NOAA Tech. Rep. NMFS SSRF* 722. iii + 8p. Mar. 1978. SFA 23(3)

71-012196 Oliphant, M. S. CALIFORNIA MARINE FISH LANDINGS FOR 1976. *Calif. Dep. Fish Game Fish Bull.* 170. 56p. 1979. SFA 25(2)

71-012197 Owers, J. E. INCOME ESTIMATES AND REASONABLE RETURNS IN ALASKA'S SALMON FISHERIES. *NOAA Fish. Bull.* 75(3):483-492. July 1977. SFA 23(1)

71-012198 Panek, F. M. and N. Lamson. CHARACTERISTICS OF SPORT AND COMMERCIAL FISHERMEN RESIDING ON EASTERN LONG ISLAND, NEW YORK. *N.Y. Fish Game J.* 27(1):79-85. Jan. 1980. SFA 25(3)

71-012199 Parks, N. B. THE PACIFIC NORTHWEST COMMERCIAL FISHERY FOR AMERICAN SHAD. *Mar. Fish. Rev.* 40(2):29-31. Feb. 1978. SFA 23(3)

71-012200 Parrack, M. L. ESTIMATION OF FISHING EFFORT IN THE WESTERN NORTH ATLANTIC FROM AERIAL SEARCH DATA. *NOAA Fish. Bull.* 74 (3): 503-515. July 1976. SFA 21(3)

71-012201 Paxton, K. O. EFFECTS OF ICE FISHING ON YELLOW PERCH IN AN OHIO UPGROUND RESERVOIR. *Ohio Fish Wildl. Rep.* 5. 11p. July 1975. SFA 21(1)

71-012202 Pinkas, L. CALIFORNIA MARINE FISH LANDINGS FOR 1975. *Calif. Dep. Fish Game Fish Bull.* 168. 55p. 1977. SFA 24(1)

71-012203 Pristas, P. J. BIG GAME FISHING IN THE NORTHERN GULF OF MEXICO DURING 1977. *Natl. Mar. Fish. Serv., Panama City, FL* 37p. Apr. 1978. SFA 24(3)

71-012204 Radhakrishnan, N. DEMERSAL FISHERIES OF VIZHINJAM. *Indian J. Fish.* 21(1):29-39. 1974. SFA 23(2)

71-012205 Randall, R. and Yuen, H., (eds.). BRISTOL BAY SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) 1975. A COMPILATION OF CATCH AND ESCAPEMENT DATA. *Alaska Dep. Fish Game Tech. Data Rep.* No. 40. 71p. 1978. SFA 24(4)

71-012206 Sarig, S. FISHERIES AND FISH CULTURE IN ISRAEL IN 1977. *Bamidgeh* 30(4):91-103. Dec. 1978. SFA 24(3)

71-012207 Schweitzer, D. L.; Cushwa, C. T. and Hoekstra, T. W. THE 1979 NATIONAL ASSESSMENT OF WILDLIFE AND FISH: A PROGRESS REPORT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 43:266-273. 1978. SFA 24(1)

71-012208 Seitz, W. K. and Dahlgren, R. B. WATER-BASED RECREATIONAL USE PATTERNS OF THE UPPER IOWA RIVER. *Iowa State J. Res.* 50(2):131-145. Nov. 1975. SFA 22(2)

71-012209 Smith, C. L. ATTITUDES ABOUT THE VALUE OF STEELHEAD AND SALMON ANGLING. *Trans. Am. Fish. Soc.* 109(3):272-281. May 1980. SFA 25(4)

71-012210 Smith, F. J. WHAT ARE SALMON WORTH? *Oreg. State Univ. Ext. Mar. Adv. Prog.* SG 48. 4p. July 1978. SFA 24(1)

71-012211 Smith, J. E. CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISHERY ON THE PACIFIC COAST IN 1978. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 891. iv + 82p. July 1979. In English with French summ. SFA 25(1)

71-012212 Smith, J. E. CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISHERY ON THE PACIFIC COAST IN 1977. *Fish Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 835. iv + 85p. Sept. 1978. In English with French summ. SFA 24(3)

71-012213 Smith, S. L. STANDING CROP, SUCCESS AND HARVEST IN A TROPHY BASS LAKE, LAKE JACKSON, FLORIDA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:135-141. 1975[1976]. SFA 22(3)

71-012214 Snow, H. E. A 15-YEAR STUDY OF THE HARVEST, EXPLOITATION, AND MORTALITY OF FISHES IN MURPHY FLOWAGE, WISCONSIN. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 103. 22p. 1978. SFA 23(4)

71-012215 Spenard, P. LA PECHE AU HARENG AUX ILES-DE-LA-MADELEINE, 1900-1978. [THE FISHERY FOR HERRING AT MAGDALEN ISLANDS, 1900-1978.] *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 876. x + 84p. May 1979. In French with English summ. SFA 25(1)

71-012216 Spigarelli, S. A. and Thommes, M. M. SPORT FISHING AT A THERMAL DISCHARGE INTO LAKE MICHIGAN. *J. Great Lakes Res.* 2(1):99-110. 1976. SFA 22(3)

71-012217 Stokes, R. L. ECONOMIC EVALUATION OF WASHINGTON MARINE RESOURCES. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:427-443. 1978. SFA 24(4)

71-012218 Stone, M. D. FISHING LICENSE FOLLOW-UP. *Wyo. Wildl.* 41(11):10-11. Nov. 1977. SFA 23(1)

71-012219 Strang, W. A. and Ditton, R. B. THE LAKE MICHIGAN CHARTER FISHING INDUSTRY: A PRODUCT OF LOVE AND TAXES. *J. Great Lakes Res.* 2(1):89-98. 1976. SFA 22(3)

71-012220 Summers, G. L. SPORTFISHING STATISTICS OF OKLAHOMA RESERVOIRS. *Okla. Fish. Res. Lab. Bull.* no. 14. 113p. Jan. 1978. SFA 24(3)

71-012221 Sutherland, D. F. ESTIMATED AVERAGE DAILY INSTANTANEOUS NUMBERS OF RECREATIONAL AND COMMERCIAL FISHERMEN AND BOATERS IN THE ST. ANDREW BAY SYSTEM, FLORIDA, AND ADJACENT COASTAL WATERS, 1973. *NOAA Tech. Rep. NMFS SSRF* 724. iv + 23p. May 1978. SFA 23(4)

71-012222 Sutherland, D. F. CATCH AND CATCH RATES OF FISHES CAUGHT BY ANGLERS IN THE ST. ANDREW BAY SYSTEM, FLORIDA, AND ADJACENT COASTAL WATERS, 1973. *NOAA Tech. Rep. NMFS SSRF* 708. iii + 9 p. Mar. 1977. SFA 22(3)

71-012223 Taylor, A. H. AN ANALYSIS OF THE TROUT FISHING AT EYE BROOK--A EUTROPHIC RESERVOIR. *J. Anim. Ecol.* 47(2):407-423. June 1978. SFA 23(4)

71-012224 Trudeau, H. R. CANADIAN ARCTIC FISHERIES--COSTS & BENEFITS. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:345-369. 1978. SFA 24(4)

71-012225 Walker, M. H. UTILIZATION OF THE BUNBURY AND GEOGRAPHE BAY MARINE RESOURCE BY PROFESSIONAL AND AMATEUR FISHERMEN. *West. Aust. Mar. Res. Lab. Rep.* No. 36. 63p. 1978. SFA 24(3)

71-012226 Warren, J. P. and Griffin, W. L. GROUNDFISH TRAWLER PROFITABILITY, NORTHERN GULF OF MEXICO. *Mar. Fish. Rev.* 41(8):15-22. Aug. 1979. SFA 25(1)

71-012227 Weithman, A. S. and Katti, S. K. TESTING OF FISHING QUALITY INDICES. *Trans. Am. Fish. Soc.* 108(3):320-325. May 1979. SFA 24(4)

71-012228 Weithman, A. S. and Anderson, R. O. A METHOD OF EVALUATING FISHING QUALITY. *Fisheries (Bull. Am. Fish. Soc.)* 3(3):6-10. May-June 1978. SFA 23(4)

71-012229 Weithman, A. S. and Anderson, R. O. AN ANALYSIS OF MEMORABLE FISHING TRIPS BY MISSOURI ANGLERS. *Fisheries (Bull. Am. Fish. Soc.)* 3(1):19-22. Jan.-Feb. 1978. SFA 23(4)

71-012230 Yuen, H. S. H. A NIGHT HANDLINE FISHERY FOR TUNAS IN HAWAII. *Mar. Fish. Rev.* 41(8):7-14. Aug. 1979. SFA 25(1)

71-012231 Ziemer, R. F. and Musser, W. N. THE DEMAND FOR AND VALUE OF WILDLIFE RECREATION IN GEORGIA. *Univ. Ga. Agric. Exp. Stn. Res. Bull.* 221. 31p. June 1978. SFA 24(2)

REGULATIONS

71-012232 Adasiak, A. ALASKA'S EXPERIENCE WITH LIMITED ENTRY. *J. Fish. Res. Board Can.* 36(7):770-782. July 1979. In English with French summ. SFA 24(4)

71-012233 Adasiak, A. LIMITED ENTRY--THE ALASKA EXPERIENCE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:195-214. July 1975. SFA 22(3)

71-012234 Anderson, R. O. THE ROLE OF REGULATIONS IN ECOLOGICAL MANAGEMENT. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:100. 1980. Abstract only. SFA 25(4)

71-012235 Andrews, W. P., Jr. NORTH CAROLINA FISHERY LAW: ITS RELATIONSHIP TO INTERNATIONAL, FEDERAL AND SISTER STATE LAW. *Crit. Rev. Environ. Control* 6(3):207-232. 1976. SFA 22(1)

71-012236 Azevedo, B. INDIAN FISHING RIGHTS: WHERE ARE WE - HOW DID WE GET HERE - AND WHERE ARE WE GOING? *Cal-Neva Wildl. Trans.* p. 258-269. 1978. SFA 24(3)

71-012237 Behnke, R. J. SPECIAL REGULATIONS: HISTORICAL PERSPECTIVE. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:58-63. 1980. SFA 25(4)

71-012238 Bell, S. C. and B. Canoles. IMPLICATIONS OF GAME AND FISH LAWS IN ALABAMA. *Auburn Univ. Agric. Exp. Stn. Circ.* 250. 22p. May 1980. SFA 25(4)

71-012239 Bjornn, T. C. SPECIAL ANGLING REGULATIONS BENEFIT OVERFISHED TROUT POPULATIONS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:99. 1980. Abstract only. SFA 25(4)

71-012240 Bouc, K. FISHING'S FUTURE WALLEYE SIZE LIMIT. *Nebraskaland* 58(4):14,48,50. Apr. 1980. SFA 25(2)

71-012241 Caudill, S. J. ESTABLISHMENT OF BIG GAME SEASONS IN COLORADO. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:86-95. 1976. SFA 23(2)

71-012242 Clady, M. D.; Campbell, D. E. and Cooper, G. P. EFFECTS OF TROPHY ANGLING ON UNEXPLOITED POPULATIONS OF SMALLMOUTH BASS *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 425-429. 1975. SFA 21(3).

71-012243 Cowles, C. J.; Beattie, K. H. and Giles, R. H., Jr. A SURVEY OF METHODS OF RECORDING REPORTS OF FISH AND WILDLIFE LAW VIOLATIONS. *Fisheries (Bull. Am. Fish. Soc.)* 3(2):8-11. Mar.-Apr. 1978. SFA 23(4)

71-012244 Crutchfield, J. A. ECONOMIC AND SOCIAL IMPLICATIONS OF THE MAIN POLICY ALTERNATIVES FOR CONTROLLING FISHING EFFORT. *J. Fish. Res. Board Can.* 36(7):742-752. July 1979. In English with French summ. SFA 24(4)

71-012245 Edgerton, L. F. PROCEDURES FOLLOWED IN ESTABLISHING HUNTING AND FISHING SEASONS AND REGULATIONS IN CALIFORNIA. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:83-85. 1976. SFA 23(2)

71-012246 Eiserman, F. AN UNEASINESS ON THE OVER EMPHASIS OF FISHING REGULATIONS IN THE MANAGEMENT OF A RECREATIONAL FISHERY. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:176-182. July 1975. SFA 22(3)

71-012247 England, R. H. and Fatora, J. R. WATERS CREEK--A TROPHY TROUT STREAM. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:342-351. 1975. SFA 21(3)

71-012248 Erickson, K. LENGTH LIMIT STUDIES: A FIRST YEAR REPORT. *Outdoor Okla.* 35(6):2-5. June 1979. SFA 24(3)

71-012249 Favro, L. D.; P. K. Kuo and J. F. McDonald. EFFECTS OF UNCONVENTIONAL SIZE LIMITS ON THE GROWTH RATE OF TROUT. *Can. J. Fish. Aquatic Sci.* 37(5):873-876. May 1980. In English with French summ. SFA 25(3)

71-012250 Fidell, E. R. DEVELOPMENTS IN THE LAW: THE FISHERY CONSERVATION AND MANAGEMENT ACT OF 1976. *Oceans '78: Fourth Annu. Conf. Mar. Technol. Soc., Washington, DC and Inst. Elec. Electron. Eng., Inc., New York* 4:214-218. 1978. SFA 24(1)

71-012251 Fox, A. C. EFFECTS OF TRADITIONAL HARVEST REGULATIONS ON BASS POPULATIONS AND FISHING. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 392-398. 1975. SFA 21(3)

71-012252 Fraser, G. A. LIMITED ENTRY: EXPERIENCE OF THE BRITISH COLUMBIA SALMON FISHERY. *J. Fish. Res. Board Can.* 36(7):754-763. July 1979. In English with French summ. SFA 24(4)

71-012253 Grant, G. L. CATCHING, RELEASING, AND TAGGING ATLANTIC SALMON IN ICELAND'S RIVER GRISMA. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:64-69. 1980. SFA 25(4)

71-012254 Gresswell, R. E. THE EFFECTS OF THE 330 MM MAXIMUM SIZE LIMIT ON THE CUTTHROAT TROUT FISHERY OF YELLOWSTONE LAKE: THE FIRST FIVE YEARS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:70-76. 1980. SFA 25(4)

71-012255 Hudelson, R. A. THE CUTTHROAT TROUT POPULATION RESPONSE TO FLY FISHING ONLY REGULATIONS ON A PORTION OF FLAT CREEK WITHIN THE NATIONAL ELK REFUGE. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:100-101. 1980. Abstract only. SFA 25(4)

71-012256 Huntsman, G. R. and C. S. Manooch III. MINIMUM SIZE LIMITS FOR REEF FISHES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:509-513. 1978[1979]. SFA 25(2)

71-012257 Johnson, M. W. AN EVALUATION OF REDUCED LIMITS AND A SHORTER SEASON ON SPORT FISHING IN TWO LAKES MANAGED FOR RAINBOW TROUT. *Minn. Dep. Nat. Resour. Fish. Sect. Invest. Rep.* No. 348. 27p. Jan. 1978. SFA 23(2)

71-012258 Keith, B. PROS AND CONS OF MINIMUM SIZE LIMITS ON BLACK BASS. *Arkansas Game Fish* 10(3):18-21. 1978. SFA 24(4)

71-012259 Kirch, W. E. PROCEDURES FOLLOWED IN ESTABLISHING HUNTING AND FISHING SEASONS AND REGULATIONS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:101-102. 1976. SFA 23(2)

71-012260 Kruger, R. F. ANOTHER MISSOURI FIRST... *Mo. Conserv.* 38(2):15-17. Feb. 1977. SFA 22(2)

71-012261 Kushnarenko, A. I. THE MINIMUM COMMERCIAL SIZE AND NATURAL MORTALITY OF THE NORTH CASPIAN ROACH, *RUTILUS RUTILUS CASPICUS*. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(6):886-895. 1978. SFA 25(2)

71-012262 Ming, A. and McDannold, W. E. EFFECT OF LENGTH LIMIT ON AN OVERHARVESTED LARGEMOUTH BASS POPULATION. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 416-424. 1975. SFA 21(3)

71-012263 Moloney, D. G. and Pearse, P. H. QUANTITATIVE RIGHTS AS AN INSTRUMENT FOR REGULATING COMMERCIAL FISHERIES. *J. Fish. Res. Board Can.* 36(7):859-866. July 1979. In English with French summ. SFA 24(4)

71-012264 Needler, A. W. H. EVOLUTION OF CANADIAN FISHERIES MANAGEMENT TOWARDS ECONOMIC RATIONALIZATION. *J. Fish. Res. Board Can.* 36(7):716-724. July 1979. In English with French summ. SFA 24(4)

71-012265 Nehring, R. B. SPECIAL REGULATIONS EVALUATIONS IN COLORADO. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:84-94. 1980. SFA 25(4)

71-012266 Parks, W. W. A PACIFIC SALMON FISHERIES MODEL FOR THE STUDY OF GEAR REGULATION: AN APPLICATION TO THE WASHINGTON TROLL FISHERY. *Ph. D. dissertation, Univ. Wash.* 172p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1)

71-012267 Pearse, P. H. INTRODUCTION TO THE SYMPOSIUM ON MANAGING FISHING EFFORT. *J. Fish. Res. Board Can.* 36(4):711-714. July 1979. SFA 24(4)

71-012268 Pelzman, R. J. EFFECTS OF A 305-MM (12.0-INCH) MINIMUM SIZE LIMIT ON LARGEMOUTH BASS, /MICROPTERUS SALMOIDES/, AT MERLE COLLINS RESERVOIR. *Calif. Fish Game* 65(3):141-150. July 1979. SFA 24(4)

71-012269 Pettit, S. W. COMPARATIVE REPRODUCTIVE SUCCESS OF CAUGHT-AND-RELEASED AND UNPLAYED HATCHERY FEMALE STEELHEAD TROUT (/SALMO GAIRDNERI/) FROM THE CLEARWATER RIVER, IDAHO. *Trans. Am. Fish. Soc.* 106(5):431-435. Sept. 1977. SFA 23(1)

71-012270 Phinney, D. E. SALMON FISHERY REGULATION IN WASHINGTON IN THE WAKE OF THE BOLDT DECISION ON INDIAN FISHING RIGHTS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:106-112. 1976. SFA 23(2)

71-012271 Roger, P. B. AN INDIAN PERSPECTIVE OF ANADROMOUS FISHERIES MANAGEMENT. *Cal-Neva Wildl. Trans.* p. 115-121, 1978. SFA 24(3)

71-012272 Rogers, G. W. ALASKA'S LIMITED ENTRY PROGRAM: ANOTHER VIEW. *J. Fish. Res. Board Can.* 36(7):783-788. July 1979. In English with French summ. SFA 24(4)

71-012273 Scott, A. DEVELOPMENT OF ECONOMIC THEORY ON FISHERIES REGULATION. *J. Fish. Res. Board Can.* 36(7):725-741. July 1979. In English with French summ. SFA 24(4)

71-012274 Skud, B. E. REGULATIONS OF THE PACIFIC HALIBUT FISHERY, 1924-1976. *Int. Pac. Halibut Comm. Tech. Rep.* No. 15. 47p. 1977. SFA 23(1)

71-012275 Swaner, L. S. PROCEDURES FOLLOWED IN ESTABLISHING HUNTING & FISHING SEASONS & REGULATIONS IN UTAH. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:103-105. 1976. SFA 23(2)

71-012276 Tatum, R. FISH LIMITS...ARE THEY STILL NECESSARY? *Tenn. Wildl.* 3(1):13. July-Aug. 1979. SFA 25(1)

71-012277 Urrea, F., Jr. PROCEDURES FOLLOWED IN ESTABLISHING HUNTING AND FISHING SEASONS AND REGULATIONS. HOW WE DO IT IN NEW MEXICO. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:96-100. 1976. SFA 23(2)

71-012278 Vincent, E. R. EFFECTS OF SPECIAL ANGLING REGULATIONS ON WILD TROUT POPULATIONS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:95. 1980. SFA 25(4)

71-012279 Warner, K. HOOKING MORTALITY OF LANDLOCKED ATLANTIC SALMON, /SALMO SALAR/, IN A HATCHERY ENVIRONMENT. *Trans. Am. Fish. Soc.* 105(3):365-369. May 1976. SFA 21(3)

71-012280 Weithman, A. S. RECYCLING TROUT... *Mo. Conserv.* 41(3):8-9. Mar. 1980. SFA 25(2)

71-012281 Whitney, A. N. REGULATORY PHILOSOPHY AND POLITICAL REALITIES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:146-147. 1976. SFA 23(2)

71-012282 Wilen, J. E. FISHERMAN BEHAVIOR AND THE DESIGN OF EFFICIENT FISHERIES REGULATION PROGRAMS. *J. Fish. Res. Board Can.* 36(7):855-858. July 1979. In English with French summ. SFA 24(4)

71-012283 Wiley, R. THE RATIONALE OF FISHING REGULATIONS. *Wyo. Wildl.* 42(9):21, 26. Sept. 1978. SFA 23(4)

71-012284 Wydoski, R. S. ANGLER RESPONSES TO SPECIAL REGULATIONS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:154-167. 1976. SFA 23(2)

FISH CONTROL AND REMOVAL

71-012285 Avery, E. L. THE INFLUENCE OF CHEMICAL RECLAMATION ON A SMALL BROWN TROUT STREAM IN SOUTHWESTERN WISCONSIN. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 110. 35p. 1978. SFA 24(3)

71-012286 Bartoo, N. W. PROPORTIONS OF A YELLOW PERCH POPULATION SURFACING AFTER A ROTENONE TREATMENT. *Prog. Fish-Cult.* 39 (1): 27-28. Jan. 1977. SFA 22(2)

71-012287 Baumann, P. C. AN EVALUATION OF THE USE OF ANTIMYCIN A FOR STREAM RECLAMATION IN THE ROCK RIVER, WISCONSIN. *Ph. D. dissertation, Univ. Wis. (Madison)* 119p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 22(2)

71-012288 Binns, N. A. EFFECTS OF ROTENONE TREATMENT ON THE FAUNA OF THE GREEN RIVER, WYOMING. *Wyo. Game Fish Comm. Fish. Tech. Bull.* No. 1. 114p. 1967. SFA 23(3)

71-012289 Burress, R. M. ENHANCING BASS PRODUCTION BY THE USE OF FISH TOXICANTS. *IN H. Clepper, ed. Black Bass Biology and Manaagment. Sport Fishing Inst., Washington, D.C.* 480-488. 1975. SFA 21(3)

71-012290 Davis, R. THE USE OF ANTIMYCIN TO REDUCE STUNTED SUNFISH POPULATIONS IN HARDWATER LAKES. *Minn. Dep. Nat. Resour. Sect. Fish. Invest. Rep.* No. 363. 23p. Mar. 1979. SFA 24(3)

71-012291 Ellis, F. S., Jr. and Thomaston, W. W. THE USE OF ANTIMYCIN (FINTROL) IN FARM PONDS IN GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:103-115. 1975. SFA 21(3)

71-012292 Flint, R. A. CHEMICAL TREATMENT OF THE NORTH FORK FEATHER RIVER, BUTTE AND PLUMAS COUNTIES, CALIFORNIA, 1977. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 80-4. 25p. Feb. 1980. SFA 25(2)

71-012293 Grinstead, B. G. RESPONSE OF BASS TO REMOVAL OF COMPETING SPECIES BY COMMERCIAL FISHING *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 475-479. 975. SFA 21(3)

71-012294 Hanafi, A. and Duursma, E. K. USE OF PESTICIDES IN BRACKISHWATER PONDS. 2. EFFECT OF PHOSVEL ON FISH AND SHRIMP. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 2(1-2):143-157. Jan.-July 1976. SFA 24(4)

71-012295 Hanson, L. H. and Manion, P. J. CHEMOSTERILIZATION OF THE SEA LAMPREY (/PETROMYZON MARINUS/). *Great Lakes Fish. Comm. Tech. Rep.* No. 29. 15p. July 1978. SFA 24(4)

71-012296 Holey, M.; Hollender, B.; Imhof, M.; Jesien, R.; Konopacky, R.; Toneys, M. and Coble, D. "NEVER GIVE A SUCKER AN EVEN BREAK". *Fisheries (Bull. Am. Fish. Soc.)* 3(6):2-6. nov.-Dec. 1978. SFA 24(4)

71-012297 Johnson, F. H. RESPONSES OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) AND YELLOW PERCH (/PERCA FLAVESCENS/) POPULATIONS TO REMOVAL OF WHITE SUCKER (/CATOSTOMUS COMMERSONI/) FROM A MINNESOTA LAKE, 1966. *J. Fish. Res. Board Can.* 34(10):1633-1642. Oct. 1977. In English with French summ. SFA 23(1)

71-012298 Kuroki, T. and Katayama, Y. [UNDERWATER SOUND BARRIER FOR CONTROLLING FISH SCHOOL.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 6:35-46. 1977[1978]. In Japanese with English summ. SFA 24(4)

71-012299 Laarman, P. W. EVALUATION OF A CHEMICAL RECLAMATION AND RESTOCKING PROGRAM ON THE HURON RIVER IN THE DETROIT METROPOLITAN AREA. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1866. 34p. 21 June 1979. SFA 25(1)

71-012300 Purvis, H. A. VARIATIONS IN GROWTH, AGE AT TRANSFORMATION, AND SEX RATIO OF SEA LAMPREYS REESTABLISHED IN CHEMICALLY TREATED TRIBUTARIES OF THE UPPER GREAT LAKES. *Great Lakes Fish Comm. Tech. Rep.* No. 35. 36p. May 1979. SFA 24(4)

71-012301 Ryan, J. H. NONGAME FISH CONTROL AT FRENCHMAN RESERVOIR, PLUMAS COUNTY, CALIFORNIA. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 78-1. 25p. Jan. 1977. SFA 23(3)

71-012302 Seidensticker, E. P. COMMERCIAL GILL NETTING AND ITS EFFECTS ON SPORTFISHES IN TEXAS RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:203-206. 1976[1978]. SFA 24(1)

71-012303 Sprules, W. M. INITIATION OF SEA LAMPREY (/PETROMYZON MARINUS/) CONTROL. *J. Fish. Res. Board Can.* 33(2):326-329. Feb. 1976. In English with French summ. SFA 21(1)

71-012304 Stevenson, J. P. USE OF BIOLOGICAL TECHNIQUES FOR THE MANAGEMENT OF FISH. *Victoria Fish. Wildl. Pap.* No. 15. 14p. 8 Feb. 1978. SFA 24(1)

71-012305 Warnick, D. C. COMMERCIAL FISHING OR ROUGH FISH CONTROL IN SOUTH DAKOTA, SOME VIEWS AND APPARENT VALUES. *S.D. Dep. Game Fish Parks Bull.* No. 7. 22p. 1977. SFA 24(1)

MARKING AND TAGGING

71-012306 Arnold, G. P. and Holford, B. H. THE PHYSICAL EFFECTS OF AN ACOUSTIC TAG ON THE SWIMMING PERFORMANCE OF PLAICE AND COD. *J. Cons. Cons. Int. Explor. Mer* 38 (2): 189-200. Nov. 1978. SFA 24(2)

71-012307 Baglin, R. E., Jr.; M. I. Farber; W. H. Lenarz and J. M. Mason, Jr. SHEDDING RATES OF PLASTIC AND METAL DART TAGS FROM ATLANTIC BLUEFIN TUNA, *THUNNUS THYNNUS. NOAA Fish. Bull.* 78(1):179-185. 1980. SFA 25(4)

71-012308 Baker, J. A. and Modde, T. SUSCEPTIBILITY TO PREDATION OF BLACKTAIL SHINERS STAINED WITH BISMARCK BROWN Y. *Trans. Am. Fish. Soc.* 106 (4): 334-338. July 1977. SFA 22(4)

71-012309 Bellamy, G. C. THE USE OF BIRD RINGS FOR THE INDIVIDUAL RECOGNITION OF FISH. *Freshwater Biol.* 10(4):371-374. Aug. 1980. SFA 25(4)

71-012310 Brandt, T. M. and Schreck, C. B. CRAYFISH MARKING WITH FLOURESCENT PIGMENT. *Am. Midl. Nat.* 94(2):496-499. Oct. 1975. SFA 21(1)

71-012311 Brock, J. A. and Farrell, R. K. FREEZE AND LASER MARKING OF CHANNEL CATFISH. *Prog. Fish-Cult.* 39 (3): 138. July 1977. SFA 22(4)

71-012312 Bryant, M. D. and W. J. Walkotten. CARBON DIOXIDE FREEZE-BRANDING DEVICE FOR USE ON JUVENILE SALMONIDS. *Prog. Fish-Cult.* 42(1):55-56. Jan. 1980. SFA 25(1)

71-012313 Carr, W. E. S. HARNESS FOR ATTACHMENT OF AN ULTRASONIC TRANSMITTER TO THE RED DRUM, /SCIAENOPS OCELLATA/. *NOAA Fish. Bull.* 74 (4): 998-1000. Oct. 1976. SFA 22(2)

71-012314 Dando, P. R. and R. Ling. FREEZE-BRANDING OF FLATFISH: FLOUNDER, *PLATICHTHYS FLESUS*, AND PLAICE, *PLEURONECTES PLATESSA. J. Mar. Biol. Assoc. U.K.* 60(3):741-748. Aug. 1980. SFA 25(4)

71-012315 Donahoo, M. J. MODIFIED CARLIN-TYPE TAG FOR IDENTIFYING EXPERIMENTAL FISH. *Prog. Fish-Cult.* 38 (2): 88-89. Apr. 1976. SFA 21(3)

71-012316 Engelhardt, W. H. RETENTION OF FLUORESCENT PIGMENT MARKS BY TWO STRAINS OF LARGEMOUTH BASS. *Trans. Am. Fish. Soc.* 106 (1): Jan. 1977. SFA 22(3)

71-012317 Facey, D. E.; McCleave, J. D. and Doyon, G. E. RESPONSES OF ATLANTIC SALMON PARR TO OUTPUT OF PULSED ULTRASONIC TRANSMITTERS. *Trans. Am. Fish. Soc.* 106 (5): 489-498. Sept. 1977. SFA 23(1)

71-012318 Fitzgerald, G. J. and Keenleyside, M. H. A. TECHNIQUE FOR TAGGING SMALL FISH WITH I^{131} FOR EVALUATION OF PREDATOR-PREY RELATIONSHIPS. *J. Fish. Res. Board Can.* 35(1):143-145. Jan. 1978. In English with French summ. SFA 23(2)

71-012319 Fried, S. M.; McCleave, J. D. and Stred, K. A. BUOYANCY COMPENSATION BY ATLANTIC SALMON (/SALMO SALAR/) SMOLTS TAGGED INTERNALLY WITH DUMMY TELEMETRY TRANSMITTERS. *J. Fish. Res. Board Can.* 33 (6): 1377-1380. June 1976. In English with French summ. SFA 21(2)

71-012320 Gray, R. H. and Haynes, J. M. SPAWNING MIGRATION OF ADULT CHINOOK SALMON (/ONCORHYNCHUS TSHAWYTSCHA/) CARRYING EXTERNAL AND INTERNAL RADIO TRANSMITTERS. *J. Fish. Res. Board Can.* 36(9):1060-1064. Sept. 1979. In English with French summ. SFA 25(1)

71-012321 Gunn, J. M.; Rubec, P. J.; Qadri, S. U. and Ridgeway, J. M. GROWTH CURTAILMENT OF BROWN BULLHEADS TAGGED DURING THE SPRING SPAWNING PERIOD. *Prog. Fish-Cult.* 47(4):216-217. Oct. 1979. SFA 25(1)

71-012322 Gunnes, K. and T. Refstie. COLD-BRANDING AND FIN-CLIPPING FOR MARKING OF SALMONIDS. *Aquaculture* 19(3):295-299. Mar. 1980. SFA 25(2)

71-012323 Hankin, D. G. NEW FLUORESCENT FISH SCALE MARKER. *Prog. Fish-Cult.* 40 (4): 163-164. Oct. 1978. SFA 24(2)

71-012324 Hare, G. M. and Burt, M. D. B. PARASITES AS POTENTIAL BIOLOGICAL TAGS OF ATLANTIC SALMON (/SALMO SALAR/) SMOLTS IN THE MIRAMICHI RIVER SYSTEM, NEW BRUNSWICK. *J. Fish. Res. Board Can.* 33(5):1139-1143. May 1976. In English with French summ. SFA 21(2)

71-012325 Harshbarger, T. J. SCRAPING IMPROVES SILVER NITRATE BRANDS ON TROUT. *Prog. Fish-Cult.* 47(4):209. Oct. 1979. SFA 25(1)

71-012326 Hauser, W. J. and Legner, E. F. SIMPLE, INEXPENSIVE TECHNIQUE FOR TAGGING FISH. *Prog. Fish-Cult.* 38(1):18-19. Jan. 1976. SFA 21(1)

71-012327 Hedgepeth, M. Y.; W. H. Kriete, Jr. and J. V. Merriner. DETERIORATION OF FLOY FD-67 INTERNAL ANCHOR TAGS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:648-656. 1978[1979]. SFA 25(2)

71-012328 Heugel, B. R.; Joswiak, G. R. and Moore, W. S. SUBCUTANEOUS DIAZO FILM TAG FOR SMALL FISHES. *Prog. Fish-Cult.* 39 (2): 98-99. Apr. 1977. SFA 22(3)

71-012329 Ichihara, T. [BEHAVIORAL STUDY OF FISHES BY ULTRASONIC TELEMETRY TECHNIQUE.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:75-86. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-012330 International Atomic Energy Agency. DESIGN OF RADIOTRACER EXPERIMENTS IN MARINE BIOLOGICAL SYSTEMS. *Int. At. Energy Agency Tech. Rep Ser.* No. 167. 289p. 1975. SFA 23(1)

71-012331 Jones, B. C. and Geen, G. H. MARKING ELASMOBRANCHS BY FREEZE-BRANDING. *Prog. Fish-Cult.* 38 (4): 179. Oct. 1976. SFA 21(4)

71-012332 Jones, R. MATERIALS AND METHODS USED IN MARKING EXPERIMENTS IN FISHERY RESEARCH. *FAO Fish. Tech. Pap.* No. 190. 134p. 1979. SFA 25(1)

71-012333 Joswiak, G. R.; Eisenbrey, A. B. and Moore, W. S. REJECTION OF DIAZO TAG IN CYPRINIDS. *Prog. Fish-Cult.* 40 (4): 146-147. Oct. 1978. SFA 24(2)

71-012334 Joyce, J. A. and El-Ibiary, H. M. PERSISTENCY OF HOT BRANDS AND THEIR EFFECTS ON GROWTH AND SURVIVAL OF FINGERLING CHANNEL CATFISH. *Prog. Fish-Cult.* 39(3):112-114. July 1977. SFA 22(4)

71-012335 Knight, A. E.; Marancik, G. and Layzer, J. B. MONITORING MOVEMENTS OF JUVENILE ANADROMOUS FISH BY RADIOTELEMETRY. *Prog. Fish-Cult.* 39 (3): 148-150. July 1977. SFA 22(4)

71-012336 Kohlhorst, D. W. EFFECT OF FIRST PECTORAL FIN RAY REMOVAL ON SURVIVAL AND ESTIMATED HARVEST RATE OF WHITE STURGEON IN THE SACRAMENTO-SAN JOAQUIN ESTUARY. *Calif. Fish Game* 65(3):173-177. July 1979. SFA 24(4)

71-012337 Konstantinov, K. G. MODERN METHODS OF FISH TAGGING. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (6): 924-938. 1977. SFA 24(1)

71-012338 Laurs, R. M.; Lenarz, W. H. and Nishimoto, R. N. ESTIMATES OF RATES OF TAG SHEDDING BY NORTH PACIFIC ALBACORE, /THUNNUS ALALUNGA/. *NOAA Fish. Bull.* 74 (3): 675-678. July 1976. SFA 21(3)

71-012339 Leaman, B. M. AN INEXPENSIVE TAG FOR SHORT-TERM VISUAL TRACKING STUDIES. *J. Fish. Res. Board Can.* 33 (7): 1628-1629. July 1976. In English with French summ. SFA 21(3)

71-012340 Lomas, M. H. SHARKPATH PLOT: A COMPUTER-BASED SYSTEM FOR X-Y PLOTTING OF MOVEMENTS OF ACOUSTICALLY TAGGED SHARKS. *M.A. thesis, Calif. State Univ.* 125p. 1979. From Masters Abstr. 18(2):76. June 1980. SFA 25(3)

71-012341 Lubieniecki, B. THE PLEROCERCUS OF /GRILLOTIA ERINACEUS/ AS A BIOLOGICAL TAG FOR HADDOCK /MELANOGRAMMUS AEGLEFINUS/ IN THE NORTH SEA AND NORTH-EAST ATLANTIC. *J. Fish Biol.* 11(6):555-565. Dec. 1977. SFA 23(2)

71-012342 MacCrimmon, H. R. and Robbins, W. H. SUITABILITY OF JAW AND ATKINS STREAMER TAGS FOR MARKING SMALLMOUTH BASS, /MICROPTERUS DOLOMIEUI/. *Trans. Am. Fish. Soc.* 108(5):499-501. Sept. 1979. SFA 25(1)

71-012343 Matthews, J. and Bell, J. D. A SIMPLE METHOD FOR TAGGING FISH UNDERWATER. *Calif. Fish Game* 65 (2): 113-117. Apr. 1979. SFA 24(3)

71-012344 McAfee, M. A PORTABLE BLACK-LIGHT BOX FOR DETECTING FLUORESCENT PIGMENT ON FISH. *Colo. Div. Wildl. Fish. Inf. Leafl.* No. 33. 2p. Apr. 1980. SFA 25(3)

71-012345 McCleave, J. D.; Power, J. H. and Rommel, S. A., Jr. USE OF RADIO TELEMETRY FOR STUDYING UPRIVER MIGRATION OF ADULT ATLANTIC SALMON (/SALMO SALAR/). *J. Fish Biol.* 12 (6): 549-558. June 1978. SFA 23(4)

71-012346 McNeil, F. I. and Crossman, E. J. FIN CLIPS IN THE EVALUATION OF STOCKING PROGRAMS FOR MUSKELLUNGE, /ESOX MASQUINONGY/. *Trans. Am. Fish. Soc.* 108(4):335-343. July 1979. SFA 25(1)

71-012347 Mears, H. C. and Hatch, R. W. OVERWINTER SURVIVAL OF FINGERLING BROOK TROUT WITH SINGLE AND MULTIPLE FIN CLIPS. *Trans. Am. Fish. Soc.* 105 (6): 669-674. Nov. 1976. SFA 22(1)

71-012348 Mears, H. C. OVERWINTER REGENERATION OF CLIPPED FINS IN FINGERLING BROOK TROUT. *Prog. Fish-Cult.* 38 (2): 73. Apr. 1976. SFA 21(3)

71-012349 Miura, T.; Nakamura, H. and Nishiyama, S. [GRAPHIC DATA PROCESSING SYSTEMS FOR A POSITION FINDING TELEMETRIC APARATUS.] *Bull. Jpn. Soc. Sci. Fish.* 43 (10): 1157-1161. Oct. 1977. In Japanese with English summ. SFA 23(2)

71-012350 Morgan, R. I. G. and Roberts, R. J. THE HISTOPATHOLOGY OF SALMON TAGGING. IV. THE EFFECT OF SEVERE EXERCISE ON THE INDUCED TAGGING LESION IN SALMON PARR AT TWO TEMPERATURES. *J. Fish Biol.* 8 (4): 289-292. Apr. 1976. SFA 22(1)

71-012351 Moring, J. R. and Moring, K. A. COMPARISONS OF RETURNS OF COLOR-CODED WIRE HEAD TAGS AND ANCHOR TAGS IN DELAYED-RELEASE CHINOOK SALMON. *Prog. Fish-Cult.* 38 (4): 200-202. Oct. 1976. SFA 21(4)

71-012352 Nakamura, A. [ULTRASONIC BIOTELEMETRY SYSTEM.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9: 55-60. 1979. In Japanese with English summ. SFA 24(4)

71-012353 Prince, E. D. and Maughan, O. E. ULTRASONIC TELEMETRY TECHNIQUE FOR MONITORING BLUEGILL MOVEMENT. *Prog. Fish-Cult.* 40 (3): 90-93. July 1978. SFA 24(1)

71-012354 Randolph, K. N. TANGLE-RESISTANT MARKER FOR OBSERVING FISH AT A DISTANCE. *Prog. Fish-Cult.* 38(1):43-44. Jan. 1976. SFA 21(1)

71-012355 Rawstron, R. R. and Pelzman, R. J. COMPARISON OF FLOY INTERNAL ANCHOR AND DISK DANGLER TAGS ON LARGEMOUTH BASS (/MICROPTERUS SALMOIDES/) AT MERLE COLLINS RESERVOIR. *Calif. Fish Game* 64 (2): 121-123. Apr. 1978. SFA 23(3)

71-012356 Rinne, J. N. CODED SPINE CLIPPING TO IDENTIFY INDIVIDUALS OF THE SPINY-RAYED FISH /TILAPIA/. *J. Fish. Res. Board Can.* 33 (11): 2626-2629. Nov. 1976. In English with French summ. SFA 21(4)

71-012357 Romberg, G. P.; Prepejchal, W. and Spigarelli, S. A. TEMPERATURE EXPOSURE MEASURED BY THE USE OF THERMOLUMINESCENCE. *Science* 197(4311):1364-1365. 30 Sept. 1977. SFA 23(1)

71-012358 Russell, H. J., Jr. ANALYSIS OF DOUBLE-TAGGING EXPERIMENTS: AN UPDATE. *Can. J. Fish. Aquatic Sci.* 37(1):114-116. Jan. 1980. In English with French summ. SFA 25(2)

71-012359 Ryan, P. A. FISH TAGGING WITH INJECTED DYES. *Mauri Ora* 3: 55-61. 1975. SFA 24(2)

71-012360 Sackett, S. R. and Hein, S. H. RESULTS OF A FLOY TAG RETENTION STUDY ON SPOTTED SEATROUT (/CYNOSCION NEBULOSUS/) IN 1/4-ACRE PONDS AT THE MARINE LABORATORY. *La. Wildl. Fish. Comm. Tech. Bull.* No. 28. p. 35-38. May 1979. SFA 24(4)

71-012361 Sebens, K. P. INDIVIDUAL MARKING OF SOFT-BODIED INTERTIDAL INVERTEBRATES IN SITU: A VITAL STAIN TECHNIQUE APPLIED TO THE SEA ANEMONE, /ANTHOPLEURA XANTHOGRAMMICA/. *J. Fish. Res. Board Can.* 33 (6): 1407-1410. June 1976. In English with French summ. SFA 21(2)

71-012362 Selby, D. IS RADIO-TAGGING A VIABLE TECHNIQUE FOR COLORADO SQUAWFISH? *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:47. 30 Jan. 1980. Abstract only. SFA 25(3)

71-012363 Slatick, E. COMPARATIVE RETENTION OF DART AND JAW TAGS ON CHINOOK SALMON AND STEELHEAD TROUT DURING THEIR SPAWNING MIGRATION. *Mar. Fish. Rev.* 38 (7): 24-26. July 1976. SFA 21(3)

71-012364 Smith, G. E. AN EVALUATION OF DISK-DANGER TAG SHEDDING BY STRIPED BASS (/MORONE SAXATILIS/) IN THE SACRAMENTO-SAN JOAQUIN ESTUARY. *Calif. Fish Game* 64 (2): 93-97. Apr. 1978. SFA 23(3)

71-012365 Soma, M. [ELECTRONIC DEVICES ADOPTED IN BIOTELEMETRY SYSTEM.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:87-100. 1974[1977]. In Japanese with English summ. SFA 24(4)

71-012366 Stasko, A. B. and Pincock, D. G. REVIEW OF UNDERWATER BIOTELEMETRY, WITH EMPHASIS ON ULTRASONIC TECHNIQUES. *J. Fish. Res. Board Can.* 34 (9): 1261-1285. Sept. 1977. In English with French summ. SFA 22(4)

71-012367 Suzuki, K. [FIXING METHOD OF AN ULTRASONIC TAG TO MARINE FISHES.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9: 73-79. 1979. In Japanese with English summ. SFA 24(4)

71-012368 Thresher, R. E. and Gronell, A. M. SUBCUTANEOUS TAGGING OF SMALL REEF FISHES. *Copeia* 1978 (2): 352-353. 5 May 1978. SFA 23(3)

71-012369 Tong, L. J. TAGGING SNAPPER /CHRYSOPHRYS AURATUS/ BY SCUBA DIVERS. *N.Z. J. Mar. Freshwater Res.* 12 (1): 73-76. 1978. SFA 24(1)

71-012370 Walker, M. H. MEASURING AND RESTRAINING CRADLE TO FACILITATE FISH TAGGING AT SEA. *Prog. Fish-Cult.* 39 (3): 153-154. July 1977. SFA 22(4)

71-012371 White, L. E. FLUORESCENT PIGMENT RETENTION BY PINK SALMON MARKED AS SCALELESS FRY. *Prog. Fish-Cult.* 38(4):184-186. Oct. 1976. SFA 21(4)

71-012372 Winters, G. H. HEALING OF WOUNDS AND LOCATION OF TAGS IN ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/) RELEASED WITH ABDOMINALLY INSERTED MAGNETIC TAGS. *J. Fish. Res. Board Can.* 34 (12): 2402-2404. Dec. 1977. In English with French summ. SFA 23(2)

71-012373 Winters, G. H. ESTIMATES OF TAG EXTRUSION AND INITIAL TAGGING MORTALITY IN ATLANTIC HERRING (/CLUPEA HARENGUS HARENGUS/) RELEASED WITH ABDOMINALLY INSERTED MAGNETIC TAGS. *NOAA Fish. Bull.* 34 (3): 354-359. Mar. 1977. In English with French summ. SFA 22(3)

71-012374 Yamada, S. B.; Mulligan, T. J. and Fairchild, S. J. CHEMICAL MARKING OF HATCHERY SALMON. *Bull. Ecol. Soc. Am.* 59 (2): 65. June 1978. Abstract only. SFA 23(4)

71-012375 Yamada, S. B.; Mulligan, T. J. and Fairchild, S. J. STRONTIUM MARKING OF HATCHERY-REARED COHO SALMON (/ONCORHYNCHUS KISUTCH/, WALBAUM). *J. Fish Biol.* 14 (3): 267-275. Mar. 1979. SFA 24(3)

71-012376 Zirges, M. H. INEXPENSIVE DEVICE TO HOLD CODED WIRE TAGS FOR DECODING. *Prog. Fish-Cult.* 38(1):57. Jan. 1976. SFA 21(1)

STOCKING AND INTRODUCTIONS

71-012377 Aksiray, F. THE EXPERIMENTAL STOCKING OF LAKE IZMIK (TURKEY) WITH COREGONIDAE (SALMONIDAE). *Bamidgeh* 31(1):9-13. Mar. 1979. SFA 24(4)

71-012378 Anonymous. IS THE COHO SALMON AN UNDESIRABE ALIEN? *Fish Farming Int.* 5 (1): 18-19, 21. Mar. 1978. SFA 23(4)

71-012379 Axon, J. R. AN EVALUATION OF STRIPED BASS INTRODUCTIONS IN HERRING LAKE. *Ky. Dep. Fish. Wildl. Resour. Fish. Bull.* No. 63. 33p. Oct. 1979. SFA 25(2)

71-012380 Bailey, W. M. AN EVALUATION OF STRIPED BASS INTRODUCTIONS IN THE SOUTHEASTERN UNITED STATES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:54-68. 1975. SFA 21(3)

71-012381 Belusz, L. C. THE USE OF ISOLATION COVES IN ASSESSING MUSKELLUNGE STOCKING MORTALITY. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:251-253. 1975[1976]. SFA 22(3)

71-012382 Beyerle, G. B. CONTRIBUTION TO THE ANGLERS' CREEL OF MARSH-REARED NORTHERN PIKE STOCKED AS FINGERLINGS IN LONG LAKE, BARRY COUNTY, MICHIGAN. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1876. 22p. 27 Feb. 1980. SFA 25(3)

71-012383 Beyerle, G. B. SURVIVAL, GROWTH, AND VULNERABILITY TO ANGLING OF WALLEYE STOCKED AS FINGERLINGS IN A SMALL LAKE WITH MINNOWS. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1853. 12p. 18 Nov. 1977. SFA 23(2)

71-012384 Bilton, H. R. and D. W. Jenkinson. RETURNS TO THE FISHERY AND ESCAPEMENT OF ADULT COHO SALMON FROM ACCELERATED AND NORMALLY REARED JUVENILES. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 925. iv + 11p. Feb. 1980. In English with French summ. SFA 25(4)

71-012385 Bilton, H. T. and D. W. Jenkinson. RETURN TO THE FISHERY AND ESCAPEMENT OF ADULT COHO SALMON FROM ACCELERATED JUVENILES RELEASED IN THE FALL OF 1974. *Can. Dep. Fish. Oceans Tech. Rep.* No. 943. iv + 11p. May 1980. In English with French summ. SFA 25(3)

71-012386 Bilton, H. T. RETURNS OF ADULT COHO SALMON IN RELATION TO MEAN SIZE AND TIME AT RELEASE OF JUVENILES TO THE CATCH AND THE ESCAPEMENT. *Can. Dep. Fish. Oceans Tech. Rep.* No. 941. iv + 41p. May 1980. In English with French summ. SFA 25(3)

71-012387 Bjornn, T. C.; Hiebert, P. and Ringe, R. R. SEAWARD MIGRATION OF DWORSHAK HATCHERY STEELHEAD TROUT IN 1977 AS RELATED TO REARING HISTORY. *Univ. Idaho For. Wildl. Range Exp. Stn. Tech. Rep.* 10. vii + 58p. June 1979. SFA 25(1)

71-012388 Bottroff, L. J. and Lembeck, M. E. FISHERY TRENDS IN RESERVOIRS OF SAN DIEGO COUNTY, CALIFORNIA, FOLLOWING THE INTRODUCTION OF FLORIDA LARGEMOUTH BASS, /MICROPTERUS SALMOIDES FLORIDANUS/. *Calif. Fish Game* 64(1):4-23. Jan. 1978. SFA 23(3)

71-012389 Brynildson, O. M. and Brynildson, C. L. DISTRIBUTION AND DENSITY OF SCULPINS IN A WISCONSIN COULEE STREAM. *Wis. Dep. Nat. Resour. Res. Rep.* 98. 5p. 1978. SFA 24(3)

71-012390 Busch, W.-D. N.; Davies, D. H. and Nepszy, S. J. ESTABLISHMENT OF WHITE PERCH, /MORONE AMERICANA/, IN LAKE ERIE. *J. Fish. Res. Board Can.* 34 (7): 1039-1041. July 1977. In English with French summ. SFA 22(4)

71-012391 Carlander, K. D. and Payne, P. M. YEAR-CLASS ABUNDANCE, POPULATION, AND PRODUCTION OF WALLEYE (/STIZOSTEDION VITREUM VITREUM/) IN CLEAR LAKE, IOWA, 1948-74, WITH VARIED FRY STOCKING RATES. *J. Fish. Res. Board Can.* 34(10):1792-1799. Oct. 1977. In English with French summ. SFA 23(1)

71-012392 Carline, R. F.; Brynildson, O. M. and Johnson, M. O. GROWTH AND SURVIVAL OF TROUT STOCKED IN A NORTHERN WISCONSIN SPRING POND. *Wis. Dep. Nat. Resour. Res. Rep.* 85. 21p. Apr. 1976. SFA 21(2)

71-012393 Clark, J. H. MANAGEMENT EVALUATION OF STOCKED NORTHERN PIKE IN COLORADO'S SMALL PLAINS RESERVOIRS. *Ph.D. dissertation, Colo. State Univ.* 74p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1975. SFA 21(1)

71-012394 Coates, G. D. and Turner, A. S. INTRODUCTION OF RUDD /SCARDINIUS ERYTHROPHTHALMUS/ INTO NEW ZEALAND. 2. FIRST SURVEY OF A RUDD POPULATION IN NEW ZEALAND. *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 147. p. 19-24. 1977. SFA 23(2)

71-012395 Courtenay, W. R., Jr. and Robins, C. R. EXOTIC ORGANISMS: AN UNSOLVED, COMPLEX PROBLEM. *Bioscience* 25(5):306-313. May 1975. SFA 21(1)

71-012396 Courtenay, W. R. and Robins, C. R. EXOTIC ORGANISMS: AN UNSOLVED, COMPLEX PROBLEM. *Bioscience* 25 (5): 306-313. May 1975. SFA 21(4)

71-012397 Dillard, J. G. and Novinger, G. D. STOCKING LARGEMOUTH BASS IN SMALL IMPOUNDMENTS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 459-474. 1975. SFA 21(3)

71-012398 Ebel, W. J. EFFECT OF DOWNSTREAM TRANSPORTATION OF IDAHO SMOLTS ON ADULT SALMONID RETURNS. *Ph.D dissertation, Univ. Idaho* 47p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2620. Dec. 1978. SFA 24(2)

71-012399 Eccles, D. H. FISHES OF THE AFRICAN GREAT LAKES AS CANDIDATES FOR INTRODUCTION INTO LARGE TROPICAL IMPOUNDMENTS. *J. Fish Biol.* 7(3):401-405. May 1975. SFA 22(2)

71-012400 Egglishaw, H. J. and P. E. Shackley. SURVIVAL AND GROWTH OF SALMON, *SALMO SALAR* (L.), PLANTED IN A SCOTTISH STREAM. *J. Fish Biol.* 16(5):565-584. May 1980. SFA 25(4)

71-012401 Fajen, O. F. THE ESTABLISHMENT OF SPOTTED BASS FISHERIES IN SOME NORTHERN MISSOURI STREAMS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:28-35. 1975[1976]. SFA 22(4)

71-012402 Flick, W. A. and Webster, D. A. PRODUCTION OF WILD, DOMESTIC, AND INTERSTRAIN HYBRIDS OF BROOK TROUT (/SALVELINUS FONTINALIS/) IN NATURAL PONDS. *J. Fish. Res. Board Can.* 33 (7): 1525-1539. July 1976. in English with French summ. SFA 21(3)

71-012403 Forshage, A. COST/BENEFIT ANALYSIS OF A CATCHABLE RAINBOW TROUT FISHERY IN TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:293-300. 1975[1976]. SFA 22(3)

71-012404 Fraser, J. M. ASSESSMENT OF WINTER PLANTING OF HATCHERY-REARED BROOK TROUT (/SALVELINUS FONTINALIS/) IN SMALL PRECAMBRIAN LAKES. *J. Fish. Res. Board Can.* 33(8):1794-1797. Aug. 1976. In English with French summ. SFA 21(3)

71-012405 Fraser, J. M. COMPARATIVE RECOVERIES OF PLANTED YEARLING AND FALL-FINGERLING BROOK TROUT (/SALVELINUS FONTINALIS/) FROM ONTARIO LAKES. *J. Fish. Res. Board Can.* 35(4):391-396. Apr. 1978. In English with French summ. SFA 23(3)

71-012406 Gasaway, R. D. and Drda, T. F. EFFECTS OF GRASS CARP INTRODUCTION ON WATERFOWL HABITAT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42: 73-85. 1977. SFA 23(1)

71-012407 Glucksman, J.; West, G. and Berra, T. M. THE INTRODUCED FISHES OF PAPUA NEW GUINEA WITH SPECIAL REFERENCE TO /TILAPIA MOSSAMBICA/. *Biol. Conserv.* 9(1):37-44. Jan. 1976. SFA 21(4)

71-012408 Gowing, H. SURVIVAL, GROWTH, AND PRODUCTION OF DOMESTIC AND ASSINICA STRAIN BROOK TROUT IN FOUR MICHIGAN LAKES. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1862. 19p. 27 Oct. 1978. SFA 24(2)

71-012409 Harshbarger, T. J. and Porter, P. E. SURVIVAL OF BROWN TROUT EGGS: TWO PLANTING TECHNIQUES COMPARED. *Prog. Fish-Cult.* 47(4):206-209. Oct. 1979. SFA 25(1)

71-012410 Hashimoto, S. [A RESEARCH ON CHUM FINGERLINGS FOR STOCKING--I.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 25-30. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-012411 Heidinger, R. C. POTENTIAL OF THE THREADFIN SHAD AS A FORAGE FISH IN MIDWESTERN POWER COOLING RESERVOIRS. *Trans. Ill. State Acad. Sci.* 70(1):15-25. 1977. SFA 23(4)

71-012412 Henderson, E. B. COST:BENEFIT EVALUATION OF STOCKING HARVESTABLE-SIZED CATFISHES. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:36-48. 1979[1978]. SFA 24(2)

71-012413 Henry, F. D., Jr. THE INTRODUCTION OF SOUTHEASTERN BLUEGILL, *LEPOMIS MACROCHIRUS PURPURESCENS*, INTO LAKE PERRIS, CALIFORNIA, WITH NOTES ON THE GROWTH OF THE INITAL YEAR CLASS. *Calif. Fish Game* 66(1):62-64. Jan. 1980. SFA 25(2)

71-012414 Hubbs, C. POSSIBLE RATIONALE AND PROTOCOL FOR FAUNAL SUPPLEMENTATIONS. *Fisheries (Bull. Am. Fish. Soc.)* 2 (2): 12-14. Mar.-Apr. 1977. SFA 22(4)

71-012415 Hunt, R. L. EXPLOITATION, GROWTH, AND SURVIVAL OF THREE STRAINS OF DOMESTIC BROOK TROUT. *Wis. Dep. Nat. Resour. Res. Rep.* 99. 15p. Mar. 1979. SFA 24(4)

71-012416 Inman, C. R.; Forshage, A. A. and White, B. BRAGGING BASS FOR TEXANS. *Tex. Parks Wildl.* 37(5):10-13. May 1979. SFA 24(3)

71-012417 Ishida, T.; Sasaki, S. and Sato, Y. [STUDIES ON THE PLANTING OF HATCHERY-CULTURED MASU SALMON FRY INTO STREAMS. 7. EFFECT OF RELEASED TIME AND PRIORITY ON THE RESIDENCE OF FRY.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 1-6. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-012418 Jhingran, V. G. and Natarajan, A. V. RECOMMENDATIONS FOR STOCKING SILVER CARP IN GOVINDSAGAR (H.P.) AND NAGARJUNASAGAR (A.P.) TOGETHER WITH AN ACCOUNT OF THE SCOPE AND LIMITATIONS OF SILVER CARP STOCKING IN RIVERS AND RESERVOIRS IN INDIA. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 28. 8p. Jan. 1978. SFA 24(1)

71-012419 Johnston, T. B. CATCHABLE TROUT--A CONSENSUS NEEDED. *Fisheries (Bull. Am. Fish. Soc.)* 4(5):14-15. Sept.-Oct. 1979. SFA 25(1)

71-012420 Kaffka, J. A NEW BASS FOR ARKANSAS. *Ark. Game Fish* 10(1):2-5. 1978. SFA 23(4)

71-012421 Karasev, G. L. RECONSTRUCTION OF THE FISH FAUNA IN TRANSBAIKALIA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(2):164-186. 1974. SFA 21(2)

71-012422 Kennedy, J. J. and Wood, D. B. FISHERMAN REACTION TO THE STOCKING OF ALBINO TROUT IN UTAH. *Prog. Fish-Cult.* 39(1):16-17. Jan. 1977. SFA 22(2)

71-012423 Klein, W. D. FISHING USE, HARVEST, AND STOCKING EVALUATIONS AT WEST AND DOWDY LAKES. *Colo. Div. Wildl. Div. Rep.* No. 7. iii + 57p. July 1976. SFA 22(2)

71-012424 Klein, W. D. STREAM STOCKING: A PROGRAM NOT NEEDED. *Colo. Outdoors* 25(6):32-33. Nov.-Dec. 1976. SFA 22(1)

71-012425 Krueger, C. C. and Menzel, B. W. EFFECTS OF STOCKING ON GENETICS OF WILD BROOK TROUT POPULATIONS. *Trans. Am. Fish. Soc.* 108 (3): 277-287. May 1979. SFA 24(4)

71-012426 Lasswell, J. L.; Garza, G. and Bailey, W. H. STATUS OF MARINE FISH INTRODUCTIONS INTO THE FRESH WATERS OF TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:399-403. 1977[1979]. SFA 24(4)

71-012427 Lee, D. P. 1974-76 TAGGING STUDIES AT FRESHWATER LAGOON, HUMBOLDT COUNTY. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 80-3. 9p. Feb. 1980. SFA 25(2)

71-012428 Li, H. W.; Moyle, P. B. and Garrett, R. L. EFFECT OF THE INTRODUCTION OF THE MISSISSIPPI SILVERSIDE (/MENIDIA AUDENS/) ON THE GROWTH OF BLACK CRAPPIE (/POMOXIS NIGROMACULATUS/) AND WHITE CRAPPIE (/P. ANNULARIS/) IN CLEAR LAKE, CALIFORNIA. *Trans. Am. Fish. Soc.* 105(3):404-408. May 1976. SFA 21(3)

71-012429 MacKinnon, C. N.; Genoe, H. and Sinclair, D. C. PUNTLEDGE RIVER PROJECT 1972-1977. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 842. v + 126p. Feb. 1979. In English with French summ. SFA 24(3)

71-012430 Magnuson, J. J. MANAGING WITH EXOTICS--A GAME OF CHANCE. *Trans. Am. Fish. Soc.* 105(1):1-9. Jan. 1976. SFA 21(1)

71-012431 Maloney, J. and Schupp, D. USE OF WINTER-RESCUE NORTHERN PIKE IN MAINTENANCE STOCKING. *Minn. Dep. Nat. Resour. Sect. Fish. Invest. Rep.* No. 345. 29p. July 1977. SFA 23(1)

71-012432 Martin, R. G. EXOTIC FISH PROBLEMS AND OPPORTUNITIES IN THE SOUTHEAST. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:15-17. 1976[1978]. SFA 24(1)

71-012433 May, B. E.; Hepworth, D. K.; Starostka, V. and Gloss, S. P. IMPACT OF A THREADFIN SHAD INTRODUCITON ON FOOD HABITS AND GROWTH OF RAINBOW TROUT IN LAKE POWELL, UTAH. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:228-248. July 1975. SFA 22(3)

71-012434 McCoid, M. J. and J. A. St. Amant. NOTES ON THE ESTABLISHMENT OF THE RAINWATER KILLIFISH, *LUCANIA PARVA*, IN CALIFORNIA. *Calif. Fish Game* 66(2):124-125. Apr. 1980. SFA 25(3)

71-012435 Morgan, M. D.; Threlkeld, S. T. and Goldman, C. R. IMPACT OF THE INTRODUCTION OF KOKANEE (/ONCORHYNCHUS NERKA/) AND OPOSSUM SHRIMP (/MYSIS RELICTA/) ON A SUBALPINE LAKE. *J. Fish. Res. Board Can.* 35(12):1572-1579. Dec. 1978. In English with French summ. SFA 24(2)

71-012436 Moring, J. R. and Buchanan, D. V. DOWNSTREAM MOVEMENTS AND CATCHES OF TWO STRAINS OF STOCKED TROUT. *J. Wildl. Manage.* 42 (2): 329-333. Apr. 1978. SFA 23(4)

71-012437 Moring, J. R. AN ECONOMIC EVALUATION OF A SMALL OREGON CATCHABLE TROUT FISHERY, WITH MEANS OF IMPROVING THE VALUE THROUGH STOCK SELECTION. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58: 543-547. 1978. SFA 24(4)

71-012438 Moring, J. R. CONTRIBUTIONS OF DELAYED-RELEASE, PEN-CULTURED CHINOOK SALMON TO THE SPORT FISHERY IN PUGET SOUND, WASHINGTON. *Prog. Fish-Cult.* 38(1):36-39. Jan. 1976. SFA 21(1)

71-012439 Moyle, P. B. FISH INTRODUCTIONS IN CALIFORNIA: HISTORY AND IMPACT ON NATIVE FISHES. *Biol. Conserv.* 9(2):101-118. Feb. 1976. SFA 21(4)

71-012440 Mullan, J. W. CONDITION (K) AS INDICATIVE OF NON-SUITABILITY OF SNAKE RIVER CUTTHROAT TROUT IN THE MANAGEMENT OF HIGH GRADIENT, LOW DIVERSITY STREAMS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:267-274. July 1975. SFA 22(3)

71-012441 Nara, K.; Shimizu, M.; Okukawa, G.; Matsumura, K. and Umeda, K. [ON THE COHO SALMON TRANSPLANTED FROM NORTH AMERICA INTO THE SHIBETSU RIVER (II).] *Sci. Rep. Hokkaido Salmon Hatchery* No. 33. p. 7-16. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-012442 Ohkuma, K.; S. Sasaki and Y. Sato. [STUDIES ON THE PLANTING OF HATCHERY-CULTURED MASU SALMON FRY INTO STREAMS. 8. OBSERVATIONS ON DISPERSAL AND RESIDENCE OF FRY RELEASED IN DIFFERENT MANNERS.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 34. p. 97-103. Mar. 1980. In Japanese with English summ. SFA 25(4)

71-012443 Pedley, R. B. and Jones, J. W. GROWTH AND SURVIVAL OF ATLANTIC SALMON (/SALMO SALAR/) IN LLYN DWYTHWCH, NORTH WALES. *Freshwater Biol.* 8(5):423-431. Oct. 1978. SFA 24(2)

71-012444 Pelzman, R. J. IMPACT OF FLORIDA LARGEMOUTH BASS, *MICROPTERUS SALMOIDES FLORIDANUS*, INTRODUCTIONS AT SELECTED NORTHERN CALIFORNIA WATERS WITH A DISCUSSION OF THE USE OF MERISTICS FOR DETECTING INTROGRESSION AND FOR CLASSIFYING INDIVIDUAL FISH OF INTERGRADED POPULATIONS. *Calif. Fish Game* 66(3):133-162. July 1980. SFA 25(3)

71-012445 Plosila, D. S. RELATIONSHIP OF STRAIN AND SIZE AT STOCKING TO SURVIVAL OF LAKE TROUT IN ADIRONDACK LAKES. *N.Y. Fish Game J.* 24 (1): 1-24. Jan. 1977. SFA 22(2)

71-012446 Purych, P. R. A CASE AGAINST STOCKING. *Ont. Fish Wildl. Rev.* 16 (2): 3-5. 1977. SFA 24(2)

71-012447 Purych, P. R. POOR RETURNS OF HATCHERY-REARED LAKE TROUT TO THE SPORT FISHERY OF FLACK LAKE, ONTARIO, 1968-74. *Prog. Fish-Cult.* 39(4):185-186. Oct. 1977. SFA 23(1)

71-012448 Puttmann, S. J. and D. T. Weber. VARIABLE WALLEYE FRY STOCKING RATES IN BOYD RESERVOIR, COLORADO. *Colo. Div. Wildl. Tech. Publ.* No. 33. viii + 47p. July 1980. SFA 25(4)

71-012449 Rawstron, R. R. HARVEST, SURVIVAL, AND WEIGHT RETURNS OF TAGGED EAGLE LAKE AND COLEMAN RAINBOW TROUT STOCKED IN LAKE BERRYESSA IN 1972. *Calif. Fish. Game* 63 (4): 274-276. Oct. 1977. SFA 23(2)

71-012450 Rawstron, R. R. EFFECT OF A REDUCED BAG LIMIT AND LATER PLANTING DATE ON THE MORTALITY, SURVIVAL, AND COST AND YIELD OF THREE DOMESTIC STRAINS OF RAINBOW TROUT AT LAKE BERRYESSA AND MERLE COLLINS RESERVOIR 1971-1974. *Calif. Fish Game* 63 (4): 219-227. Oct. 1977. SFA 23(2)

71-012451 Reimers, P. E. SUCCESS IN A HATCHERY PROGRAM WITH FALL CHINOOK SALMON BY SIMULATING THE NATURAL LIFE HISTORY OF THE STOCK. *Prog. Fish-Cult.* 47(4):192-195. Oct. 1979. SFA 25(1)

71-012452 Reisenbichler, R. R. and N. A. Hartmann, Jr. EFFECT OF NUMBER OF MARKED FISH AND YEARS OF REPETITION ON PRECISION IN STUDIES OF CONTRIBUTION TO A FISHERY. *Can. J. Fish. Aquatic Sci.* 37(4):576-582. Apr. 1980. SFA 25(2)

71-012453 Rieger, P. W. and Summerfelt, R. C. AN EVALUATION OF THE INTRODUCTION OF FLORIDA LARGEMOUTH BASS INTO AN OKLAHOMA RESERVOIR RECEIVING A HEATED EFFLUENT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:48-57. 1976[1978]. SFA 24(1)

71-012454 Rogers, R. D. HARVEST OF FOUR STRAINS OF RAINBOW TROUT IN JACKSON MEADOWS RESERVOIR, CALIFORNIA. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 80-2. 19p. Feb. 1980. SFA 25(2)

71-012455 Rutledge, W. P. and Lyons, B. W. TEXAS PEACOCK BASS AND NILE PERCH: STATUS REPORT. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies.* 30:18-23. 1976[1978]. SFA 24(1)

71-012456 Sakuramoto, K. and S. Yamada. A STUDY ON THE PLANTING EFFECT OF SALMON--I. A MATHEMATICAL MODEL FOR THE DERIVATION OF THEIR RATE OF RETURN AND ITS APPLICATIONS. *Bull. Jpn. Soc. Sci. Fish.* 46(6):653-661. June 1980. SFA 25(4)

71-012457 Sakuramoto, K. and S. Yamada. A STUDY ON THE PLANTING EFFECT OF SALMON--II. ON THE EFFECT OF PLANTING AND FEEDING. *Bull. Jpn. Soc. Sci. Fish.* 46(6):663-669. June 1980. SFA 25(4)

71-012458 Scarnecchia, D. L. and H. H. Wagner. CONTRIBUTION OF WILD AND HATCHERY-REARED COHO SALMON, *ONCORHYNCHUS KISUTCH*, TO THE OREGON OCEAN SPORT FISHERY. *NOAA Fish. Bull.* 77(3):617-623. July 1979. SFA 25(2)

71-012459 Schneider, J. C. SURVIVAL, GROWTH, AND VULNERABILITY TO ANGLING OF WALLEYES STOCKED AS FINGERLINGS IN A SMALL LAKE WITH YELLOW PERCH AND MINNOWS. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1875. 20p. 27 Dec. 1979. SFA 25(2)

71-012460 Schweigert, J. F.; Ward, F. J. and Clayton, J. W. EFFECTS OF FRY AND FINGERLING INTRODUCTIONS ON WALLEYE (/STIZOSTEDION VITREUM VITREUM/) PRODUCTION IN WEST BLUE LAKE, MANITOBA. *J. Fish. Res. Board Can.* 34(11):2142-2150. Nov. 1977. In English with French summ. SFA 23(1)

71-012461 Scott, D.; Hewitson, J. and Fraser, J. C. THE ORIGINS OF RAINBOW TROUT, /SALMO GAIRDNERI/ RICHARDSON, IN NEW ZEALAND. *Calif. Fish Game* 64 (3): 210-218. July 1978. SFA 24(1)

71-012462 Shearer, K. D. and Mulley, J. C. THE INTRODUCTION AND DISTRIBUTION OF THE CARP, /CYPRINUS CARPIO/ LINNAEUS, IN AUSTRALIA. *Aust. J. Mar. Freshwater Res.* 29 (5): 551-563. Oct. 1978. SFA 24(2)

71-012463 Sholes, W. H. and Hallock, R. J. AN EVALUATION OF REARING FALL-RUN CHINOOK SALMON, /ONCORHYNCHUS TSHAWYTSCHA/, TO YEARLINGS AT FEATHER RIVER HATCHERY, WITH A COMPARISON OF RETURNS FROM HATCHERY AND DOWNSTREAM RELEASES. *Calif. Fish Game* 65(4):239-255. Oct. 1979. SFA 25(1)

71-012464 Soldwedel, R. H. SEE HOW THEY GROW. *N.J. Outdoors* 5(3):6-7. May-June 1978. SFA 23(3)

71-012465 Spangler, G. R. and Berst, A. H. PERFORMANCE OF LAKE TROUT (/SALVELINUS NAMAYCUSH/) BACKCROSSES, F(1)SPLAKE (/S. FONTINALIS/ X /S. NAMAYCUSH/), AND LAKE TROUT IN LAKE HURON. *J. Fish. Res. Board Can.* 33(11):2402-2407. Nov. 1976. In English with French summ. SFA 21(4)

71-012466 St. Amant, J. A. SOME PROBLEMS WITH EXOTIC INTRODUCTIONS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:247-251. July 1977. SFA 23(3)

71-012467 Thompson K. W.; Hubbs, C. and Lyons, B. W. ANALYSIS OF POTENTIAL ENVIRONMENTAL FACTORS, ESPECIALLY THERMAL, WHICH WOULD INFLUENCE THE SURVIVORSHIP OF EXOTIC NILE PERCH IF INTRODUCED INTO ARTIFICIALLY HEATED RESERVOIRS IN TEXAS. *Tex. Parks Wildl. Dep. Tech. Ser.* No. 22. 37p. 1977. SFA 22(4)

71-012468 Unkenholz, D. G. EVALUATION OF FISHERIES PROVIDED BY STOCKING YELLOW PERCH IN SELECTED MARGINAL LAKES, 1969-75. *S.D. Dep. Game Fish Parks, Stud. Completion Rep., D-J Proj. F-15-R-11, Stud. IV* iv + 10p. Mar. 1976. SFA 21(2)

71-012469 Velarde, R. and Hazzard, L. A NEW HOME FOR AN OLD NATIVE. *Colo. Outdoors* 26(2):17-19. Mar.-Apr. 1977. SFA 22(3)

71-012470 Vila P., I.; Zeiss C., E. and Gibson, H. PROSPECCIONES DE SISTEMAS HIDROGRAFICOS PARA LA INTRODUCCION DEL "SALMON" EN CHILE. [PROSPECTS OF RIVER SYSTEMS FOR THE INTRODUCTION OF SALMON IN CHILE.] *Biol. Pesq.* 10:61-73. June 1978. In Spanish with English summ. SFA 24(1)

71-012471 Wagner, W. C. and Stauffer, T. M. SURVIVAL OF RAINBOW TROUT STOCKED IN A LAKE SUPERIOR TRIBUTARY, 1971-1973. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1859. 18p. 29 Sept. 1978. SFA 24(2)

71-012472 Wahle, R. J. and Smith, R. Z. A HISTORICAL AND DESCRIPTIVE ACCOUNT OF PACIFIC COAST ANADROMOUS SALMONID REARING FACILITIES AND A SUMMARY OF THEIR RELEASES BY REGION, 1960-76. *NOAA Tech. Rep. NMFS SSRF* 736. iv + 40p. Sept. 1979. SFA 25(1)

71-012473 Wahle, R. J. and Vreeland, R. R. BIOECONOMIC CONTRIBUTION OF COLUMBIA RIVER HATCHERY FALL CHINOOK SALMON, 1961 THROUGH 1964 BROODS, TO THE PACIFIC SALMON FISHERIES. *NOAA Fish. Bull.* 76 (1): 179-208. Jan. 1978. SFA 23(3)

71-012474 Wahle, R. J.; Koski, R. O. and Smith, R. Z. CONTRIBUTION OF 1960-63 BROOD HATCHERY-REARED SOCKEYE SALMON, /ONCORHYNCHUS NERKA/, TO THE COLUMBIA RIVER COMMERCIAL FISHERY. *NOAA Fish. Bull.* 77(1):229-242. Jan. 1979. SFA 24(3)

71-012475 Weithman, A. S. and Anderson, R. O. SURVIVAL, GROWTH, AND PREY OF ESOCIDAE IN EXPERIMENTAL SYSTEMS. *Trans. Am. Fish. Soc.* 106(5):424-430. Sept. 1977. SFA 23(1)

71-012476 Wharton, J. C. F. IMPACT OF EXOTIC ANIMALS, ESPECIALLY EUROPEAN CARP /CYPRINUS CARPIO/, ON NATIVE FAUNA. *Victoria Fish. Wildl. Pap.* No. No. 20. 13p. Mar. 1979. SFA 25(1)

71-012477 White, L. E. EVALUATION OF A NEW PLANTING DEVICE FOR SALMON EGGS. *Prog. Fish-Cult.* 42(3):177-180. July 1980. SFA 25(4)

71-012478 Wigfall, M. and Barkuloo, J. M. A PRELIMINARY REPORT ON THE ABUNDANCE AND BIOLOGY OF STOCKED STRIPED BASS IN THE CHOCTAWHATCHEE RIVER SYSTEM, FLORIDA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:152-161. 1975[1976]. SFA 22(3)

71-012479 Willis, M. J. OUT-SYSTEM TRANSFERS OF COHO SALMON STOCKS IN COASTAL RIVER SYSTEMS 1960-79. *Oreg. Dep. Fish. Wildl. Inf. Rep. Ser. Fish.* No. 79-9. 12p. Sept. 1979. SFA 25(4)

FISHING GEAR AND TECHNIQUES

71-012480 Amos, S. C. PAIR MID-WATER TRAWLING IN VICTORIA. *Victoria Fish. Wildl. Pap.* No. 11. 28p. Dec. 1976. SFA 22(3)

71-012481 Amos, S. C. PAIR BOTTOM TRAWLING IN VICTORIA. *Victoria Fish. Wildl. Pap.* No. 9. 28p. Sept. 1976. SFA 22(3)

71-012482 Austin, C. B. INCORPORATING SOAK TIME INTO MEASUREMENT OF FISHING EFFORT IN TRAP FISHERIES. *NOAA Fish. Bull.* 75 (1): 213-218. Jan. 1977. SFA 22(3)

71-012483 Bagenal, T. B. EIFAC FISHING GEAR INTERCALIBRATION EXPERIMENTS. *EIFAC Tech. Pap.* No. 34. vi + 87p. 1979. SFA 25(3)

71-012484 Barr, W. C. and McDonough, T. A. RECOVERY OF MARKED FISH IN COVE ROTENONE SAMPLES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:230-233. 1976[1978]. SFA 24(1)

71-012485 Bass, D. G., Jr. and Hitt, V. G. QUANTITATIVE SAMPLING OF WARM-WATER STREAM FISH WITH DETONATING CORD. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:519-521. 1977[1979]. SFA 24(4)

71-012486 Bath, D. W.; Hernandez, J. A.; Rippolon, T. and McCarey, G. TECHNIQUE FOR SIMULTANEOUS SAMPLING OF PLANKTONIC FISH EGGS AND LARVAE AT THREE DEPTH. *Prog. Fish-Cult.* 41(3):158-160. July 1979. SFA 25(1)

71-012487 Beaubrun, P. C. LES TECHNIQUES DE PECHE EMPLOYEES SUR LA COTE RHOMARA. [FISHING TECHNIQUES ALONG THE COAST OF RHOMARA.] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 99-109. June 1978. In French. SFA 23(4)

71-012488 Beene, E. L. and A. M. Landry, Jr. THE ROLLER-NET: A NEW MARINE SAMPLING GEAR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:517-519. 1978[1979]. SFA 25(2)

71-012489 Bisson, P. A. INCREASED INVERTEBRATE DRIFT IN AN EXPERIMENTAL STREAM CAUSED BY ELECTROFISHING. *J. Fish. Res. Board Can.* 33 (8): 1806-1808. Aug. 1976. In English with French summ. SFA 21(3)

71-012490 Bloom, A. M. EVALUATION OF MINNOW TRAPS FOR ESTIMATING POPULATIONS OF JUVENILE COHO SALMON AND DOLLY VARDEN. *Prog. Fish-Cult.* 38 (2): 99-101. Apr. 1976. SFA 21(3)

71-012491 Brabant, J. C. and C. Nédélec. BOTTOM TRAWLS FOR SMALL-SCALE FISHING. *FAO Fish. Tech. Pap.* No. 189. v + 40p. 1979. SFA 25(4)

71-012492 Brethes, J. C. ESSAIS DE DETERMINATION D'UNE UNITE D'EFFORT DE PECHE POUR LE CHALUTAGE COTIER AU MAROC. [ATTEMPT TO DETERMINE A UNIT OF FISHING EFFORT FOR SMALL TRAWLERS OF MOROCCO.] *Bull. Inst. Peches Marit. Maroc* No. 23. p. 83-97. June 1978. In French with English summ. SFA 23(4)

71-012493 Brown, D. J. A. and Langford, T. E. AN ASSESSMENT OF A TOW NET USED TO SAMPLE COARSE FISH FRY IN RIVERS. *J. Fish Biol.* 7 (4): 533-538. July 1975. SFA 22(2)

71-012494 Burress, R. M. and Bass, D. G. THANITE (ISOBORNYL THIOCYANOACETATE) AS AN AID FOR LIVE COLLECTION OF FISHES IN FLORIDA PONDS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 115-123. 1975. SFA 21(3)

71-012495 Burress, R. M.; Gilderhus, P. A. and Cumming, K. B. FIELD TESTS OF ISOBORNYL THIOCYANOACETATE (THANITE) FOR LIVE COLLECTIONS OF FISHES. *U.S. Fish Wildl. Serv. Invest. Fish Control* 71. 13p. 1976. SFA 22(2)

71-012496 Coles, T. F.; Swinney, G. N. and Jones, J. W. A TECHNIQUE FOR DETERMINING THE DISTRIBUTION OF PELAGIC FISH LARVAE. *J. Fish Biol.* 11 (2): 151-159. Aug. 1977. SFA 23(1)

71-012497 Collins, J. J. RELATIVE EFFICIENCY OF MULTIFILAMENT AND MONOFILAMENT NYLON GILL NET TOWARDS LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/) IN LAKE HURON. *J. Fish. Res. Board Can.* 36(10):1180-1185. Oct. 1979. In English with French summ. SFA 25(1)

71-012498 Colton, J. B., Jr.; J. R. Green; R. R. Byron and J. L. Frisella. BONGO NET RETENTION RATES AS EFFECTED BY TOWING SPEED AND MESH SIZE. *Can. J. Fish. Aquatic Sci.* 37(4):606-623. Apr. 1980. SFA 25(2)

71-012499 Cooper, J. E. DURABLE ICHTHYOPLANKTON SAMPLER FOR SMALL BOATS. *Prog. Fish-Cult.* 39 (4): 170-171. Oct. 1977. SFA 23(1)

71-012500 Corcoran, M. F. ELECTROFISHING FOR CATFISH: USE OF LOW-FREQUENCY PULSED DIRECT CURRENT. *Prog. Fish-Cult.* 47(4):200-201. Oct. 1979. SFA 25(1)

71-012501 Crandall, P. S.; Lyons, B. W. and Luebke, R. W. EVALUATION OF GILL NET AND ROTENONE SAMPLING TECHNIQUES WITH TOTAL RESERVOIR DRAWDOWN. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:222-229. 1976[1978]. SFA 24(1)

71-012502 Cross, D. G. A METHOD OF COMPARING THE EFFICIENCIES OF ELECTRIC FISHING OPERATIONS. *J. Fish Biol.* 9 (3): 261-265. Sept. 1976. SFA 22(2)

71-012503 Cross, D. G. and Stott, B. THE EFFECT OF ELECTRIC FISHING ON THE SUBSEQUENT CAPTURE OF FISH. *J. Fish Biol.* 7 (3): 349-357. May 1975. SFA 22(2)

71-012504 Crossland, J. FISH TRAPPING EXPERIMENTS IN NORTHERN NEW ZEALAND WATERS. *N. Z. J. Freshwater Res.* 10 (3): 511-516. Sept. 1976. SFA 22(1)

71-012505 Dauble, D. D. and R. H. Gray. COMPARISON OF A SMALL SEINE AND A BACKPACK ELECTROSHOCKER TO EVALUATE NEARSHORE FISH POPULATIONS IN RIVERS. *Prog. Fish-Cult.* 42(2):93-95. Apr. 1980. SFA 25(3)

71-012506 De Jesus, A. S. A REPORT ON THE DESIGN, CONSTRUCTION, AND OPERATION OF THE GERMAN (HERMANN ENGEL TYPE) TRAWL NET IN MANILA BAY. *Philipp. J. Fish.* 14 (1): 117-144. Jan.-June 1976. SFA 24(2)

71-012507 de Jesus, A. S. and Maniulit, A. R. PRELIMINARY REPORT ON THE TRIAL OF BOTTOM TRAWL RIGGED WITH PLASTIC ROLLER BOBBINS AND OVAL BOARD. *Philipp. J. Fish.* 11 (1-2): 36-50. 1973. SFA 22(1)

71-012508 Downhower, J. F. and Brown, L. A SAMPLING TECHNIQUE FOR BENTHIC FISH POPULATIONS. *Copeia* 1977 (2): 403-406. 25 May 1977. SFA 22(3)

71-012509 Duncan, T. O. COLLECTION BUCKET FOR USE WITH TOW NETS FOR LARVAL FISH. *Prog. Fish-Cult.* 40 (3): 118-119. July 1978. SFA 24(1)

71-012510 Duncan, T. O. NONMETALLIC ELECTROFISHING BOOMS AND ACCESSORY TACKLE. *Prog. Fish-Cult.* 40(3):98-100. July 1978. SFA 24(1)

71-012511 Dutta, S. N. ON THE GILL NETS OF THE HOOGHLY-MATLAH ESTUARINE SYSTEM (WEST BENGAL) WITH SPECIAL REFERENCE TO THEIR SPECIFICATIONS AND OPERATION. *J. Inland Fish. Soc. India* 5: 29-36. Dec. 1973. SFA 24(3)

71-012512 Elder, J. A.; J. W. Icanberry; D. J. Smith; D. G. Henriet and C. E. Steitz. ASSESSMENT OF A LARGE-CAPACITY FISH PUMP FOR SAMPLING ICHTHYOPLANKTON FOR POWER-PLANT ENTRAINMENT STUDIES. *Calif. Coop. Oceanic Fish. Invest.* 20:143-145. Oct. 1979. SFA 25(2)

71-012513 Eldridge, P. J.; Beery, F. H. and Miller, M. C. III. DIURNAL VARIATIONS IN CATCHES OF SELECTED SPECIES OF ICHTHYONEUSTON BY THE BOOTHBAY NEUSTON NET OFF CHARLESTON, SOUTH CAROLINA. *NOAA Fish. Bull.* 76 (1): 295-297. Jan. 1978. SFA 23(3)

71-012514 Engel, S. MOVABLE PLATFORM FOR WORKING ROLLING GILL NETS IN LAKES. *Prog. Fish-Cult.* 38(1):23-25. Jan. 1976. SFA 21(1)

71-012515 Everest, F. H. DIVER-OPERATED DEVICE FOR IMMOBILIZING FISH WITH A SMALL EXPLOSIVE CHARGE. *Prog. Fish-Cult.* 40 (3): 121-122. July 1978. SFA 24(1)

71-012516 Facciani, S. THE USE OF A PURSE SEINE IN SAMPLING THE LIMNETIC AREAS OF WYOMING LAKES AND RESERVOIRS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:273-278. 1976. SFA 23(2)

71-012517 Fowles, C. R. EFFECTS OF ELECTRIC FISHING ON THE INVERTEBRATE FAUNA OF A NEW ZEALAND STREAM. *N. Z. J. Mar. Freshwater Res.* 9 (1): 35-43. Mar. 1975. SFA 21(3)

71-012518 Fujiishi, A. and Taniguchi, T. STUDIES ON SAVING GEAR FOR TRAWL FISHERY--I. MODEL EXPERIMENTS OF A TRAWL NET WITH "BOTTOM CURTAIN". *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 173-179. Feb. 1977. SFA 22(3)

71-012519 Gale, W. F. and Mohr, H. W., Jr. LARVAL FISH DRIFT IN A LARGE RIVER WITH A COMPARISON OF SAMPLING METHODS. *Trans. Am. Fish. Soc.* 107 (1): 46-55. Jan. 1978. SFA 23(3)

71-012520 Gerdeaux, D. and Jestin, J.-M. EXEMPLE D'APPLICATION DU CHALUT ELECTRIFIE DANS UN MILIEU TEMPERE TRES MINERALISE. [AN EXAMPLE OF THE APPLICATION OF AN ELECTRIFIED TRAWL IN A VERY MINERALISED, TEMPERATE ENVIRONMENT.] *Ann. Limnol.* 14 (3): 281-287. 1978. In French with English summ. SFA 24(4)

71-012521 Ghosh, K. K.; Sinha, M. and Srivastava, N. K. ON THE ESCAPEMENT OF CARP HATCHLINGS FROM SHOOTING NETS. *Indian J. Fish.* 20 (2): 395-410. 1973. SFA 24(3)

71-012522 Gilligan, M. R. SMALL MARINE ANIMAL COLLECTOR FOR USE BY DIVERS. *Prog. Fish-Cult.* 38(1):40-41. Jan. 1976. SFA 21(1)

71-012523 Gilmore, R. G.; Holt, J. K.; Jones, R. S.; Kulczycki, G. R.; MacDowell, L. G. III and Magley, W. C. PORTABLE TRIPOD DROP NET FOR ESTUARINE FISH STUDIES. *NOAA Fish. Bull.* 76(1):285-289. Jan. 1978. SFA 23(3)

71-012524 Gjernes, T. A PORTABLE MIDWATER TRAWLING SYSTEM FOR USE IN REMOTE LAKES. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 888. iii + 13p. June 1979. In English with French summ. SFA 25(1)

71-012525 Goldstein, R. M. QUANTITATIVE COMPARISON OF SEINING AND UNDERWATER OBSERVATION FOR STREAM FISHERY SURVEYS. *Prog. Fish-Cult.* 40(3):108-111. July 1978. SFA 24(1)

71-012526 Gorman, O. T. and Karr, J. R. HABITAT STRUCTURE AND STREAM FISH COMMUNITIES. *Ecology* 59(3):507-515. 1978. SFA 24(2)

71-012527 Graser, L. F. FLOW-THROUGH COLLECTION BUCKET FOR LARVAL FISH. *Prog. Fish-Cult.* 40 (2): 78-79. Apr. 1978. SFA 23(3)

71-012528 Gresik, J. H. EXPERIMENTAL DEEP-WATER BOTTOM TRAWLING OFF PORTLAND, WESTERN VICTORIA. *Victoria Fish. Wildl. Pap.* No. 14. 39p. Dec. 1977. SFA 23(3)

71-012529 Gross, J. M. and Schroeder, P. SIMULATED EFFECT OF A FISH TRAP ON REEF FISH. *Fla. Sci.* 42 (Suppl. 1): 22. 1979. Abstract only. SFA 24(3)

71-012530 Hall, R. E. and L. Durham. MULTIPLE METHOD ESTIMATES OF FISH POPULATIONS IN A SMALL POND. *Trans. Ill. State Acad. Sci.* 72(2):74-80. 1979. SFA 25(3)

71-012531 Hamley, J. M. and Skud, B. E. FACTORS AFFECTING LONGLINE CATCH AND EFFORT: II. HOOK-SPACING. *Int. Pac. Halibut Comm. Sci. Rep.* No. 64. p. 15-24. 1978. SFA 23(4)

71-012532 Handford, P.; Bell, G. and Reimchen, T. A GILLNET FISHERY CONSIDERED AS AN EXPERIMENT IN ARTIFICIAL SELECTION. *J. Fish. Res. Board Can.* 34 (7): 954-961. July 1977. In English with French summ. SFA 22(4)

71-012533 Heisey, P. G. TECHNIQUE FOR COLLECTING FISH WITH A BLOCK NET IN A PUMPED STORAGE RESERVOIR. *Prog. Fish-Cult.* 40 (4): 155-157. Oct. 1978. SFA 24(2)

71-012534 Herke, W. H.; Yakupzack, P. M. and Perry, W. G. A TRAP FOR USE ON TIDAL WEIRS AND STREAMS. *Northeast Gulf Sci.* 1 (1): 34-38. June 1977. SFA 23(1)

71-012535 Hettler, W. F. MODIFIED NEUSTON NET FOR COLLECTING LIVE LARVAL AND JUVENILE FISH. *Prog. Fish-Cult.* 41 (1): 32-33. Jan. 1979. SFA 24(2)

71-012536 Hewitt, D. P. TESTS TO CONFIRM QUANTITATIVE SAMPLING OF YOUNG FISH BY THE BAGENAL BUOYANT NET. *Freshwater Biol.* 9 (4): 339-341. Aug. 1979. SFA 24(4)

71-012537 Hoagman, W. J. A FREE-FALLING DROP NET FOR QUANTITIVELY SAMPLING A WATER COLUMN. *Trans. Am. Fish. Soc.* 106(2):140-145. Mar. 1977. SFA 22(3)

71-012538 Holder, D. R. A TECHNIQUE FOR USING ROTENONE TO SAMPLE FISH POPULATIONS IN GEORGIA'S WARMWATER STREAMS. *Ga. Dep. Nat. Resour. Game Fish Div. Tech. Rep.* No. 1. 28p. 1975. SFA 23(3)

71-012539 Honda, K. [PROPERTIES OF NETTING TWINES UNDER CYCLIC TENSILE LOADING.] *Bull. Jpn. Soc. Sci. Fish.* 44 (12): 1295-1307. Dec. 1978. In Japanese with English summ. SFA 24(2)

71-012540 Honda, K.; Suzuki, M.; Inoue, K. and Isouchi, T. [PROPERTIES OF TOWING ROPE DISUSED AFTER TRAWL FISHING.] *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 313-321. Mar. 1979. In Japanese with English summ. SFA 24(4)

71-012541 Houk, J. L. A DIVER-OPERATED SNAGGING DEVICE FOR CAPTURING LINGCOD, *OPHIODON ELONGATUS*. *Calif. Fish Game* 66(3):187-188. July 1980. SFA 25(3)

71-012542 Houser, A. TRAWLING GEAR FOR SAMPLING PELAGIC YOUNG-OF-THE-YEAR FISHES IN LARGER RESERVOIRS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56:265-272. 1976. SFA 23(2)

71-012543 Hylen, A. and Jakobsen, T. A FISHING EXPERIMENT WITH MULTIFILAMENT, MONOFILAMENT AND MONOTWINE GILL NETS IN LOFOTEN DURING THE SPAWNING SEASON OF ARCTO-NORWEGIAN COD IN 1974. *Fiskeridir. Skr. Ser. Havunders.* 16 (14): 531-550. 1979. SFA 24(4)

71-012544 Igeta, Y.; Yoshida, K.; Amano, R.; Iwashita, M. and Miyazaki, C. [MANUFACTURED AND ANGLING TEST OF AUTOMATIC CIRCULATING ANGLING MACHINE FOR SKIPJACK.] *Bull. Jpn. Soc. Sci. Fish.* 44(4):331-340. Apr. 1978. In Japanese with English summ. SFA 23(4)

71-012545 Imai, T. [BASIC STUDIES ON THE PLANE NET SET INTO THE FLOWING WATER--IV. COMPARATIVE STUDY OF HYDRO-DYNAMICAL RESISTANCE ON KNOTTED AND KNOTLESS NETTINGS]. *Bull. Jpn. Soc. Sci. Fish.* 45(10):1277-1282. Oct. 1979. In Japanese with English summ. SFA 25(2)

71-012546 Ishida, T.; M. Tanaka and K. Ohkuma. [ON THE MESH SELECTIVITY OF GILLNET FOR KOKANEE.] *Sci. Rep. Hokkaido Salmon Hatchery* No. 34. p. 121-123. Mar. 1980. In Japanese. SFA 25(4)

71-012547 Iwasaki, Y. [STUDY ON THE FISHING CONDITION OF YELLOWFIN AND SKIPJACK PURSE SEINE IN THE KINAN AND IZU REGIONS.] *Fac. Mar. Sci. Tokai Univ. Collect. Repr.* 9: 167-173. 1979. In Japanese with English summ. SFA 24(4)

71-012548 Jester, D. B. EFFECTS OF COLOR, MESH SIZE, FISHING IN SEASONAL CONCENTRATIONS, AND BAITING ON CATCH RATES OF FISHES IN GILL NETS. *Trans. Am. Fish. Soc.* 106 (1): 43-56. Jan. 1977. SFA 22(3)

71-012549 Johnson, T. L. and Pasch, R. W. IMPROVED ROTENONE SAMPLING EQUIPMENT FOR STREAMS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:46-56. 1975[1976]. SFA 22(3)

71-012550 Joswiak, G. R.; P. J. English; W. S. Moore and A. B. Eisenbrey. INTEGRATED-CIRCUIT PULSE TRIGGER FOR ELECTRIFISHING. *Trans. Am. Fish. Soc.* 109(3):340-342. May 1980. SFA 25(4)

71-012551 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, /PNEUMATOPHORUS TAPEINOCEPHALUS/ (BLEEKER), TO ANGLING TECHNIQUES--IV RETINAL ADAPTATION OF ANGLED FISH.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 667-671. June 1979. In Japanese with English summ. SFA 24(4)

71-012552 Kawamura, G. [FUNDAMENTAL STUDY ON APPLICATION OF THE VISION OF SPOTTED MACKEREL, *PNEUMATOPHORUS TAPEINOCEPHALUS* (BLEEKER), TO ANGLING TECHNIQUES--VII. MOVEMENTS OF FISH SCHOOL ATTRACTED TO FISH LAMP OBSERVED BY FISH FINDER.] *Bull. Jpn. Soc. Sci. Fish.* 45(11):1355-1358. Nov. 1979. In Japanese with English summ. SFA 25(2)

71-012553 Keene, D. F. and Pearcy, W. G. COMPARISON OF THE MOST SUCCESSFUL AND LEAST SUCCESSFUL WEST COAST ALBACORE TROLL FISHERMEN. *NOAA Fish. Bull.* 74 (4): 973-982. Oct. 1976. SFA 22(2)

71-012554 Kim, D. A. and Kondo, Y. THE DECREASE IN STRENGTH OF NETTING TWINES AT THE KNOT. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 387-393. Apr. 1977. SFA 22(4)

71-012555 Kimura, D. K.; Fraidenburg, M. E. and Leaman, B. M. COMPARATIVE OTTER TRAWLING EXPERIMENT IN QUEEN CHARLOTTE SOUND, BRITISH COLUMBIA, CANADA, SEPTEMBER 1976. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 768. ii + 47p. Mar. 1978. In English with French summ. SFA 23(4)

71-012556 Kitahara, T.; Irie, T. and Hayakawa, K. [ON THE CATCH EFFICIENCY OF GILLNET TO /AGRAMMUS AGRAMMUS/.] *Bull. Jpn. Soc. Sci. Fish.* 43 (9): 1035-1041. Sept. 1977. In Japanese with English summ. SFA 23(1)

71-012557 Kjelson, M. A. and Johnson, G. N. CATCH EFFICIENCIES OF A 6.1-METER OTTER TRAWL FOR ESTUARINE FISH POPULATIONS. *Trans. Am. Fish. Soc.* 107 (2): 246-254. Mar. 1978. SFA 23(3)

71-012558 Kjelson, M. A. and Johnson, G. N. DESCRIPTION AND EVALUATION OF A LONG-HAUL SEINE FOR SAMPLING FISH POPULATIONS IN OFFSHORE ESTUARINE HABITATS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28: 171-179. 1975. SFA 21(3)

71-012559 Kohler, C. C.; Ney, J. J. and Nigro, A. A. COMPACT, PORTABLE VERTICAL GILL NET SYSTEM. *Prog. Fish-Cult.* 41 (1): 34-35. Jan. 1979. SFA 24(2)

71-012560 Kolbing, A. UEBER DE EINFLUSS ERHOEHTER NETZMASCHENWEITEN IN DER COREGONENFISCHEREI. [THE EFFECT OF ENLARGED MESHSIZES IN COREGONID FISHERIES.] *Arch. Hydrobiol.* 80 (2): 239-247. Aug. 1977. In German with English summ. SFA 23(1)

71-012561 Kushnarenko, A. I. THE BEHAVIOR OF JUVENILE FISH AROUND THE WEBBING OF A FINGERLING TRAWL AND IN THE OPERATIONAL ZONE OF THE TRAWL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 782-790. 1975. SFA 22(1)

71-012562 Laarman, P. W. and J. R. Ryckman. SIZE SELECTIVITY OF TRAP NETS FOR EIGHT SPECIES OF FISH. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1880. 16p. 25 Jan. 1980. SFA 25(2)

71-012563 Lancraft, T. M. and B. H. Robison. EVIDENCE OF POSTCAPTURE INGESTION BY MIDWATER FISHES IN TRAWL NETS. *NOAA Fish. Bull.* 77(3):713-715. July 1979. SFA 25(2)

71-012564 Leclerc, J. and G. Power. SELECTIVITY OF FLY-FISHING, SPINNING AND GILLNET FOR BROOK CHARR AND OUANANICHE IN A LARGE NORTHERN QUEBEC RIVER. *Environ. Biol. Fishes* 5(2):181-184. 22 Apr. 1980. SFA 25(3)

71-012565 Leithiser, R. M.; Ehrlich, K. F. and Thum, A. B. COMPARISON OF A HIGH VOLUME PUMP AND CONVENTIONAL PLANKTON NETS FOR COLLECTING FISH LARVAE ENTRAINED IN POWER PLANT COOLING SYSTEMS. *J. Fish. Res. Board Can.* 36 (1): 81-84. Jan. 1979. In English with French summ. SFA 24(2)

71-012566 Libey, G. S. and J. R. Beltz. METHOD FOR MONITORING DOWNSTREAM-MIGRATING ALEWIVES. *Prog. Fish-Cult.* 42(3):172-173. July 1980. SFA 25(4)

71-012567 Maciolek, J. A. and A. S. Timbol. ELECTROSHOCKING IN TROPICAL INSULAR STREAMS. *Prog. Fish-Cult.* 42(1): 57-58. Jan. 1980. SFA 25(2)

71-012568 Main, J. and Sangster, G. I. A STUDY OF BOTTOM TRAWLING GEAR ON BOTH SAND AND HARD GROUND. *Scott. Fish. Res. Rep.* No. 14. 15p. 1979. SFA 25(1)

71-012569 Main, J. and Sangster, G. I. THE VALUE OF DIRECT OBSERVATION TECHNIQUES BY DIVERS IN FISHING GEAR RESEARCH. *Scott. Fish Res. Rep.* No. 12. 15p. 1978. SFA 24(1)

71-012570 Maksimov, Yu. M. PECULIARITIES IN THE MANIFESTATION OF CERTAIN DEFENSIVE REACTIONS OF PELAGIC FISHES FROM THE GULF OF MEXICO IN THE AREA FISHED BY AN ELECTRIFIED BOTTOM TRAWL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (2): 305-312. 1977. SFA 23(3)

71-012571 Maksimov, Yu. M. CHARACTERISTIC FEATURES OF THE DEFENSIVE BEHAVIOR OF PELAGIC FISH FROM THE BOTTOM TRAWL ZONE OF THE GULF OF MEXICO. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (3): 478-484. 1976. SFA 22(4)

71-012572 Marquez, D. J. COMPARATIVE EFFICIENCY OF DIFFERENT TYPES OF BAITING POSITIONS IN TUNA LONGLINE FISHING. *Philipp. J. Fish.* 14 (2): 258-270. July-Dec. 1976. SFA 23(3)

71-012573 Masnik, M. T.; Stauffer, J. R., Jr. and Hocutt, C. H. A COMPARISON OF FISH COLLECTION METHODS AFTER ROTENONE APPLICATION IN NEW RIVER, VIRGINIA. *Va. J. Sci.* 29 (1): 5-9. 1978. SFA 23(4)

71-012574 Matuda, K. [MOVING SPEED OF BOTTOM DRIFT NET.] *Bull. Jpn. Soc. Sci. Fish.* 46(3):275-280. Feb. 1980. In Japanese with English summ. SFA 25(3)

71-012575 Matuda, K. and N. Sannomiya. COMPUTER SIMULATION OF FISH BEHAVIOR IN RELATION TO FISHING GEAR--I. MATHEMATICAL MODEL OF FISH BEHAVIOR. *Bull. Jpn. Soc. Sci. Fish.* 46(6):689-697. June 1980. SFA 25(4)

71-012576 Matuda, K. and Sannamiya, N. THEORY AND DESIGN OF BOTTOM DRIFT NET--III. ANALYTICAL SOLUTIONS OF EQUATION OF MOTION OF GEAR. *Bull. Jpn. Soc. Sci. Fish.* 44 (1): 7-13. Jan. 1978. SFA 23(3)

71-012577 Matuda, K. and Sannomiya, N. THEORY AND DESIGN OF BOTTOM DRIFT NET--II. RESULTS OF NUMERICAL ANALYSIS ON THE MOTION OF GEAR. *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 679-687. June 1977. SFA 22(4)

71-012578 Matuda, K. and Sannomiya, N. THEORY AND DESIGN OF BOTTOM DRIFT NET--I. A METHOD OF NUMERICAL ANALYSIS ON THE MOTION OF GEAR. *Bull. Jpn. Soc. Sci. Fish.* 43 (6): 669-678. June 1977. SFA 22(4)

71-012579 May, N.; Trent, L. and Pristas, P. J. RELATION OF FISH CATCHES IN GILL NETS TO FRONTAL PERIODS. *NOAA Fish. Bull.* 74 (2): 449-453. Apr. 1976. SFA 21(2)

71-012580 McCleneghan, K. and Houk, J. L. A DIVER-OPERATED NET FOR CATCHING LARGE NUMBERS OF JUVENILE MARINE FISHES. *Calif. Fish Game* 64 (4): 305-307. Oct. 1978. SFA 24(2)

71-012581 McGroddy, P. M. and Wyman, R. L. EFFICIENCY OF NETS AND A NEW DEVICE FOR SAMPLING LIVING FISH LARVAE. *J. Fish. Res. Board Can.* 34 (4): 571-574. Apr. 1977. In English with French summ. SFA 22(3)

71-012582 Mesick, C. F. and J. C. Tash. EFFECTS OF ELECTRICITY ON SOME BENTHIC STREAM INSECTS. *Trans. Am. Fish. Soc.* 109(4):417-422. July 1980. SFA 25(4)

71-012583 Meyer, H. L. and Merriner, J. V. RETENTION AND ESCAPEMENT CHARACTERISTICS OF POUND NETS AS A FUNCTION OF POUND-HEAD MESH SIZE. *Trans. Am. Fish. Soc.* 105 (3): 370-379. May 1976. SFA 21(3)

71-012584 Miura, T. [SYSTEMS ENGINEERING APPROACHES TO THE STUDIES OF FISHING GEAR--III. TRAP MODEL EQUIPPED WITH A FUNNEL.] *Bull. Jpn. Soc. Sci. Fish.* 45 (6): 673-676. June 1979. In Japanese with English summ. SFA 24(4)

71-012585 Miura, T. [SYSTEMS ENGINEERING APPROACHES TO THE STUDIES OF FISHING GEAR--I. TRAP MODEL.] *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 835-841. Aug. 1978. In Japanese with English summ. SFA 24(1)

71-012586 Miura, T. [SYSTEMS ENGINEERING APPROACHES TO THE STUDIES OF FISHING GEAR--II. MODELING AND SIMULATION OF THE FISH BEHAVIOR IN A TRAP.] *Bull. Jpn. Soc. Sci. Fish.* 45 (1): 17-23. Jan. 1979. In Japanese with English summ. SFA 24(3)

71-012587 Nelson, R. W.; Horak, G. C. and Olson, J. E. WESTERN RESERVOIR AND STREAM HABITAT IMPROVEMENTS HANDBOOK. *U.S. Fish Wildl. Serv.* FWS/OBS-78/56. 250p. Oct. 1978. SFA 24(4)

71-012588 Noor-Hamid, S. and Mardjono, M. AN IMPROVED METHOD OF FRY COLLECTING GEAR. *Bull. Shrimp Cult. Res. Cent. (Jepara)* 2 (1-2): 194-202. Jan.-July 1976. SFA 24(4)

71-012589 O'Connor, J. M. and Schaffer, S. A. THE EFFECTS OF SAMPLING GEAR ON THE SURVIVAL OF STRIPED BASS ICHTHYOPLANKTON. *Chesapeake Sci.* 18 (3): 312-315. Sept. 1977. SFA 22(4)

71-012590 Olsen, D. A.; Dammann, A. E. and LaPlace, J. A. MESH SELECTIVITY OF WEST INDIAN FISH TRAPS. *Mar. Fish. Rev.* 40 (7): 15-16. July 1978. SFA 24(1)

71-012591 Otobo, F. O. THE EVALUATION OF THE BEACH SEINE AS A FISHING GEAR FOR /TILAPIA/ HARVEST IN KAINJI LAKE, NIGERIA. *Arch. Hydrobiol.* 78(3):375-382. Sept. 1976. In English with German summ. SFA 21(4)

71-012592 Pawson, M. G. ANALYSIS OF A NATURAL CHEMICAL ATTRACTANT FOR WHITING /MERLANGIUS MERLANGUS/ L. AND COD /GADUS MORHUA/ L. USING A BEHAVIOURAL BIOASSAY. *Comp. Biochem. Physiol. A Comp. Physiol.* 56 (2): 129-135. 1977. SFA 22(1)

71-012593 Peduzzi, R. and Meng, H. INTRODUZIONE ALLA PESCA ELETTRICA. [INTRODUCTION TO ELECTROFISHING.] *Riv. It. Piscic. Ittiop.* 11 (3): 81-87. July-Aug.-Sept. 1976. In Italian with English summ. SFA 21(4)

71-012594 Perry, W. G. SLAT TRAP EFFICIENCY AS AFFECTED BY DESIGN. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:666-671. 1978[1979]. SFA 25(2)

71-012595 Pristas, P. J. and Trent, L. COMPARISONS OF CATCHES OF FISHES IN GILL NETS IN RELATION TO WEBBING MATERIAL, TIME OF DAY, AND WATER DEPTH IN ST. ANDREW BAY, FLORIDA. *NOAA Fish. Bull.* 75 (1): 103-108. Jan. 1977. SFA 22(3)

71-012596 Rice, M. S. and Harmon, J. PROSPECTS FOR THE DEVELOPMENT OF A SWATH FISHING VESSEL. *Oceans '78: Fourth Annu. Conf. Mar. Technol. Soc., Washington, DC and Inst. Elec. Electron. Eng., Inc., New York* 4: 208-213. 1978. SFA 24(1)

71-012597 Robison, B. H. A METHOD FOR EASING THE LAUNCH AND RECOVERY OF MOUTH-CLOSING MIDWATER TRAWLS. *Deep-Sea Res.* 24 (3): 301-302. Mar. 1977. SFA 22(3)

71-012598 Rutter, R. P. and Ettinger, W. S. METHOD FOR SAMPLING INVERTEBRATE DRIFT FROM A SMALL BOAT. *Prog. Fish-Cult.* 39 (1)d 49-52. Jan. 1977. SFA 22(2)

71-012599 Schreck, C. B.; Whaley, R. A.; Bass, M. L.; Maughan, O. E. and Solazzi, M. PHYSIOLOGICAL RESPONSES OF RAINBOW TROUT (/SALMO GAIRDNERI/) TO ELECTROSHOCK. *J. Fish. Res. Board Can.* 33(1):76-84. Jan. 1976. In English with French summ. SFA 21(1)

71-012600 Seawell, W. M. and K. W. Hevel. COMPARISON OF TWO METHODS OF RECAPTURING MARKED FISH FOR ESTIMATING BLACK BASS POPULATIONS IN A RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:437-445. 1978[1979]. SFA 25(2)

71-012601 Serns, S. L. RELATIONSHIP OF WALLEYE FINGERLING DENSITY AND ELECTROFISHING CATCH PER EFFORT IN NORTHERN WISCONSIN LAKES. *Wis. Dep. Nat. Resour. Fish Manage. Rep.* 104. Sept. 1979. SFA 25(3)

71-012602 Shimamura, T. and H. Soeda. [THE CHANGE OF CATCH OF TUNA LONGLINE DEPENDS ON SOAKING TIME AND SOAKING TIME ZONE OF GEAR]. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1081-1084. Sept. 1979. In Japanese with English summ. SFA 25(2)

71-012603 Shinomiya, H. and M. Miyauchi. [OPTIMUM SPEED OF TUNA LONG LINE FISHING BOAT FOR DESIGNING]. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1075-1080. Sept. 1979. In Japanese with English summ. SFA 25(2)

71-012604 Shomura, R. S., (ed.). COLLECTION OF TUNA BAITFISH PAPERS. *NOAA Tech. Rep. NMFS Circ.* 408. iii + 167p. Dec. 1977. SFA 23(3)

71-012605 Simpson, D. E. and Reynolds, J. B. USE OF BOAT-MOUNTED ELECTROFISHING GEAR BY FISHERY BIOLOGISTS IN THE UNITED STATES. *Prog. Fish.-Cult.* 39 (2): 88-89. Apr. 1977. SFA 22(3)

71-012606 Singh, S. P. A SPECIAL METHOD OF FISH TRAPPING IN RIVER GANGA AT VARANASI. *J. Bombay Nat. Hist. Soc.* 71 (1): 153-156. 1974. SFA 24(3)

71-012607 Sissenwine, M. P. and Bowman, E. W. AN ANALYSIS OF SOME FACTORS AFFECTING THE CATCHABILITY OF FISH BY BOTTOM TRAWLS. *Int. Comm. Northwest Alt. Fish. Res. Bull.* No. 13. p. 81-87. 1978. SFA 23(4)

71-012608 Skud, B. E. FACTORS AFFECTING LONGLINE CATCH AND EFFORT: III. BAIT LOSS AND COMPETITION. *Int. Pac. Halibut Comm. Sci. Rep.* No. 64. p. 25-42. 1978. SFA 23(4)

71-012609 Skud, B. E. FACTORS AFFECTING LONGLINE CATCH AND EFFORT: I. GENERAL REVIEW. *Int. Pac. Halibut Comm. Sci. Rep.* No. 64. p. 1-14. 1978. SFA 23(4)

71-012610 Smith, P. E. and S. L. Richardson. STANDARD TECHNIQUES FOR PELAGIC FISH EGG AND LARVA SURVEYS. *FAO Fish. Tech. Pap.* No. 175. 100p. 1977. SFA 25(2)

71-012611 Stewart, P. A. M. COMPARATIVE FISHING FOR FLATFISH USING A BEAM TRAWL FITTED WITH ELECTRIC TICKLERS. *Scott. Fish. Res. Rep.* No. 11. 10p. 1978. SFA 24(1)

71-012612 Stickney, R. R. INTERPRETATION OF DATA FROM OTTER TRAWL CATCHES IN A GEORGIA ESTUARY. *Prog. Fish-Cult.* 38 (2): 92-94. Apr. 1976. SFA 21(3)

71-012613 Strange, E. S. AN INTRODUCTION TO COMMERCIAL FISHING GEAR AND METHODS USED IN SCOTLAND. *Scott. Fish. Inf. Pam.* No. 1. 34p. 1977. SFA 24(1)

71-012614 Strange, E. S. A GUIDE TO THE PREPARATION OF NET DRAWINGS. *Scott. Fish. Inf. Pam.* no. 2. 18p. 1978. SFA 24(3)

71-012615 Swan, G. A.; Krcma, R. F. and Farr, W. E. DIP BASKET FOR COLLECTING JUVENILE SALMON AND TROUT IN GATEWELLS AT HYDROELECTRIC DAMS. *Prog. Fish-Cult.* 41 (1): 48-49. Jan. 1979. SFA 24(2)

71-012616 Taber, R. E. SOME RECENT EXAMPLES OF FISHING GEAR TECHNOLOGY DEVELOPMENT OR TRANSFER IN NEW ENGLAND. *Mar. Fish. Rev.* 39 (2): 24-25. Feb. 1977. SFA 22(3)

71-012617 Tanida, K. [ON THE RHEOLOGY OF NETTING TWINE--III RADIUS AND INSTANTANEOUS YOUNG'S MODULUS.] *Bull. Jpn. Soc. Sci. Fish.* 44 (7): 719-722. July 1978. In Japanese with English summ. SFA 24(1)

71-012618 Tanida, K. ON THE RHEOLOGY OF NETTING TWINE--V. 4 ELEMENT MODEL. *Bull. Jpn. Soc. Sci. Fish.* 46(3):281-287. Feb. 1980. SFA 25(3)

71-012619 Tarplee, W. H., Jr.; Sherfinski, R. G. and Bryson, W. T. PORTABLE PUSH-NET APPARATUS FOR SAMPLING ICHTHYOPLANKTON. *Prog. Fish-Cult.* 47(4):213-215. Oct. 1979. SFA 25(1)

71-012620 Timmons, T. J.; W. L. Shelton and W. D. Davies. SAMPLING OF RESERVOIR FISH POPULATIONS WITH ROTENONE IN LITTORAL AREAS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:474-485. 1978[1979]. SFA 25(2)

71-012621 Trent, L. and Pristas, P. J. SELECTIVITY OF GILL NETS ON ESTUARINE AND COASTAL FISHES FROM ST. ANDREW BAY, FLORIDA. *NOAA Fish. Bull.* 75 (1): 185-198. Jan. 1977. SFA 22(3)

71-012622 Twedt, T. M. and Bernard, D. R. AN ALL-WEATHER, TWO-WAY FISH TRAP FOR SMALL STREAMS. *Calif. Fish Game* 62(1):21-27. Jan. 1976. SFA 21(1)

71-012623 Tyler, R. W. METHOD OF SAMPLING SEAWARD MIGRATIONS OF JUVENILE SALMON. *Prog. Fish-Cult.* 41 (2): 78-81. Apr. 1979. SFA 24(3)

71-012624 Wathne, F. PERFORMANCE OF TRAWLS USED IN RESOURCE ASSESSMENT. *Mar. Fish. Rev.* 39 (6): 16-23. June 1977. SFA 22(4)

71-012625 Weinstein, M. P. and R. W. Davis. COLLECTION EFFICIENCY OF SEINE AND ROTENONE SAMPLES FROM TIDAL CREEKS, CAPE FEAR RIVER, NORTH CAROLINA. *Estuaries* 3(2):98-105. June 1980. SFA 25(3)

71-012626 Weiss, D. M. A HIGH POWER PULSE GENERATOR FOR ELECTRIC FISHING--REVISED CIRCUIT. *J. Fish Biol.* 9 (2): 119-123. Aug. 1976. SFA 22(2)

71-012627 Westrheim, S. J. A FURTHER NOTE ON SAMPLING RESEARCH TRAWL CATCHES AT SEA. *J. Fish. Res. Board Can.* 33 (5): 1196. May 1976. In English with French summ. SFA 21(2)

71-012628 Wickham, D. A. and Watson, J. W., Jr. SCUBA DIVING METHODS FOR FISHING SYSTEMS EVALUATION. *Mar. Fish. Rev.* 38 (7): 15-23. July 1976. SFA 21(3)

71-012629 Wiley, R. W.; Dufek, D. J. and McKnight, R. G. PRELIMINARY EVALUATION OF SODIUM CYANIDE (CYANOBRIK) USED IN SAMPLING FISH POPULATIONS IN THE GREEN AND BLACKS FORK RIVERS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55: 249-254. July 1975. SFA 22(3)

71-012630 Winstanley, R. H. EXPERIMENTAL BEAM TRAWLING IN VICTORIAN WATERS. *Victoria Fish. Wildl. Pap.* No. 12. 11p. Sept. 1977. SFA 23(3)

71-012631 Wohlgemuth, E. ON SELECTIVITY OF GILL NETS FOR, AND CERTAIN BIOLOGICAL PARAMETERS OF, *ALBURNUS ALBURNUS* AND *RUTILUS RUTILUS*. *Folia Zool.* 28(4):371-383. 1979. In English with Russian summ. SFA 25(3)

71-012632 Wohlgemuth, E. ON SELECTIVITY OF GILL NETS FOR, AND CERTAIN BIOLOGICAL PARAMETERS OF, *ALBURNUS ALBURNUS* AND *RUTILUS RUTILUS*. *Folia Zool.* 28(4):371-383. 1979. SFA 25(4)

71-012633 Yamamoto, K. TENSILE PROPERTIES OF NYLON MONO-FILAMENT HUNG AROUND A CYLINDER--II. ON THE FRICTIONAL FORCE. *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1379-1385. Dec. 1977. SFA 23(2)

71-012634 Yamamoto, K. TENSILE PROPERTIES OF NYLON MONO-FILAMENT HUNG AROUND A CYLINDER-I. ON THE DECREASE OF TENSILE STRENGTH. *Bull. Jpn. Soc. Sci. Fish.* 43 (4): 359-365. Apr. 1977. SFA 22(4)

71-012635 Yamane, T. and Sato, O. ON THE MOTION OF FISHING GEAR AGAINST WAVE ACTION--I. VERTICAL MOTION OF A FLOAT IN STILL WATER. *Bull. Jpn. Soc. Sci. Fish.* 44 (8): 843-849. Aug. 1978. SFA 24(1)

71-012636 Yamane, T. ON THE MOTION OF FISHING GEAR AGAINST WAVE ACTION--II. VERTICAL MOTION OF A FLOAT EXPOSED TO SINE WAVE. *Bull. Jpn. Soc. Sci. Fish.* 45 (3): 335-339. Mar. 1979. SFA 24(4)

71-012637 Yeh, C. F. RELATIVE SELECTIVITY OF FISHING GEAR USED IN A LARGE RESERVOIR IN TEXAS. *Trans. Am. Fish. Soc.* 106 (4): 309-313. July 1977. SFA 22(4)

71-012638 Yesaki, M. INNOVATIONS IN HARVEST OF PELAGIC RESOURCES. *Mar. Fish. Rev.* 39 (9): 14-23. Sept. 1977. SFA 23(1)

71-012639 Yocum, W. L. and F. J. Tesar. SLED FOR SAMPLING BENTHIC FISH LARVAE. *Prog. Fish-Cult.* 42(2):118-119. Apr. 1980. SFA 25(3)

71-012640 Yoza, K.; Miyamoto, H.; Takahashi, K. and Sumiya, N. [STUDIES ON THE CHARACTERISTICS OF LEADER OF SETNET--II. LENGTH AND DIRECTION OF THE LEADER.] *Bull. Jpn. Soc. Sci. Fish.* 43 (12): 1387-1390. Dec. 1977. In Japanese with English summ. SFA 23(2)

FERTILIZATION OF SOIL AND WATER

71-012641 Behrends, L. L.; J. J. Maddox; C. E. Madewell and R. S. Pile. COMPARISON OF TWO METHODS OF USING LIQUID SWINE MANURE AS AN ORGANIC FERTILIZER IN THE PRODUCTION OF FILTER-FEEDING FISH. *Aquaculture* 20(2):147-153. June 1980. SFA 25(3)

71-012642 Boyd, C. E. and Sowles, J. W. NITROGEN FERTILIZATION OF PONDS. *Trans. Am. Fish. Soc.* 107(5):737-741. Sept. 1978. SFA 24(1)

71-012643 Boyd, C. E. WATER CHEMISTRY AND PLANKTON IN UNFERTILIZED PONDS IN PASTURES AND IN WOODS. *Trans. Am. Fish. Soc.* 105(5):634-636. Sept. 1976. SFA 21(4)

71-012644 Boyd, C. E.; J. W. Preacher and L. Justice. HARDNESS, ALKALINITY, pH AND POND FERTILIZATION. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 32:605-611. 1978[1979]. SFA 25(2)

71-012645 Buck, D. H.; Baur, R. J. and Rose, C. R. UTILIZATION OF SWINE MANURE IN A POLYCULTURE OF ASIAN AND NORTH AMERICAN FISHES. *Trans. Am. Fish. Soc.* 107(1):216-222. Jan. 1978. SFA 23(3)

71-012646 Burns, R. P. and R. R. Stickney. GROWTH OF *TILAPIA AUREA* IN PONDS RECEIVING POULTRY WASTES. *Aquaculture* 20(2):117-121. June 1980. SFA 25(3)

71-012647 Chattopadhyay, G. N. and L. N. Mandal. INORGANIC TRANSFORMATION OF APPLIED PHOSPHORUS IN BRACKISHWATER FISH POND SOIL UNDER DIFFERENT WATER SALINITY LEVELS. *Hydrobiologia* 71(1-2):125-130. 27 May 1980. SFA 25(3)

71-012648 Dobbins, D. A. and Boyd, C. E. PHOSPHORUS AND POTASSIUM FERTILIZATION OF SUNFISH PONDS. *Trans. Am. Fish. Soc.* 105(4):536-540. July 1976. SFA 21(4)

71-012649 El Samra, M. I. and J. Oláh. SIGNIFICANCE OF NITROGEN FIXATION IN FISH PONDS. *Aquaculture* 18(4):367-372. Dec. 1979. SFA 25(2)

71-012650 Eren, Y.; Tsur, T. and Avnimelech, Y. PHOSPHORUS FERTILIZATION OF FISHPONDS IN THE UPPER GALILEE. *Bamidgeh* 29(3):87-93. Sept. 1977. SFA 23(2)

71-012651 Ghosh, S. R. A STUDY OF THE RELATIVE EFFICIENCY OF MUSTARD OIL CAKE AND UREA AND THE EFFECT OF SALINITY IN PLANKTON PRODUCTION IN INDIAN FISHPONDS. *Hydrobiologia* 62(1):89-92. 8 Jan. 1979. SFA 24(3)

71-012652 Helfrich, L. A. and L. A. Nielsen. SHOULD FISH PONDS BE FERTILIZED? THE LOW-DOWN ON THIS SHOULD SURPRISE YOU. *Va. Wildl.* 41(1):16-17. Jan. 1980. SFA 25(2)

71-012653 LeBrasseur, R. J.; McAllister, C. D.; Barraclough, W. E.; Kennedy, O. D.; Manzer, J.; Robinson, D. and Stephens, K. ENHANCEMENT OF SOCKEYE SALMON (/ONCHORHYNCHUS NERKA/) BY LAKE FERTILIZATION IN GREAT CENTRAL LAKE: SUMMARY REPORT. *J. Fish. Res. Board Can.* 35(12):1580-1596. Dec. 1978. In English with French summ. SFA 24(2)

71-012654 Lichtkoppler, F. and Boyd, C. E. PHOSPHORUS FERTILIZATION OF SUNFISH PONDS. *Trans. Am. Fish. Soc.* 106(6):634-636. Nov. 1977. SFA 23(2)

71-012655 Musig, Y. and C. E. Boyd. COMPARISON OF POLYPHOSPHATE AND ORTHOPHOSPHATE AS FERTILIZERS FOR FISH PONDS. *Aquaculture* 20(2):135-138. June 1980. SFA 25(3)

71-012656 Noriega-Curtis, P. PRIMARY PRODUCTIVITY AND RELATED FISH YIELD IN INTENSELY MANURED FISHPONDS. *Aquaculture* 17(4):335-344. Aug. 1979. SFA 25(1)

71-012657 Pamatmat, M. M. ALKALINITY, HARDNESS, AND PRODUCTIVITY OF LIMED PONDS. *J. Mar. Sci.* 2(3):95-110. 1974. SFA 22(3)

71-012658 Parameswaran, S.; Radhakrishnan, S.; Selvaraja, C. and Bhuyan, B. R. FISH YIELD FROM ASSAM PONDS KEPT UNDER DIFFERENT EXPERIMENTAL CONDITIONS. *Indian J. Fish.* 18:67-83. 1971. SFA 24(3)

71-012659 Rappaport, U. and Sarig, S. THE RESULTS OF MANURING ON INTENSIVE GROWTH FISH FARMING AT THE GINOSAR STATION PONDS IN 1977. *Bamidgeh* 30(2):27-36. June 1978. SFA 24(1)

71-012660 Robinson, D. G. and Barraclough, W. E. POPULATION ESTIMATES OF SOCKEYE SALMON (/ONCORHYNCHUS NERKA/) IN A FERTILIZED OLIGOTROPHIC LAKE. *J. Fish. Res. Board Can.* 35(6):851-860. June 1978. In English with French summ. SFA 23(3)

71-012661 Saha, G. N.; Chatterjee, D. K. and Raman, K. OBSERVATIONS ON MANURING NURSERY PONDS WITH ONLY CHEMICAL NITROGENOUS FERTILIZERS FOR SUCCESSFUL REARING OF CARP SPAWN. *J. Inland Fish. Soc. India* 6:162-166. Dec. 1974. SFA 24(3)

71-012662 Schroeder, G. L. AUTOTROPHIC AND HETEROTROPHIC PRODUCTION OF MICROORGANISMS IN INTENSELY-MANURED FISH PONDS, AND RELATED FISH YIELDS. *Aquaculture* 14(4):303-325. Aug. 1978. SFA 24(1)

71-012663 Sen, P. R.; Rao, N. G. S.; Chakrabarty, R. D.; Kar, S. L. and Jena, S. EFFECT OF ADDITIONS OF FERTILIZER AND VEGETATION ON GROWTH OF MAJOR INDIAN CARPS IN PONDS CONTAINING GRASS CARP. *Prog. Fish-Cult.* 40(2):69-70. Apr. 1978. SFA 23(3)

71-012664 Stockner, J. G. LAKE FERTILIZATION AS A MEANS OF ENHANCING SOCKEYE SALMON POPULATIONS: THE STATE OF THE ART IN THE PACIFIC NORTHWEST. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 740. iii + 14p. Mar. 1979. In English with French summ. SFA 25(1)

71-012665 Stockner, J. G.; K. S. Shortreed and K. Stephens. THE BRITISH COLUMBIA LAKE FERTILIZATION PROGRAM: LIMNOLOGICAL RESULTS FROM THE FIRST 2 YEARS OF NUTRIENT ENRICHMENT. *Can. Dep. Fish. Oceans Tech. Rep.* No. 924. iv + 91p. Feb. 1980. In English with French summ. SFA 25(3)

71-012666 Stockner, J. G. and Shortreed, K. R. S. ENHANCEMENT OF AUTOTROPHIC PRODUCTION BY NUTRIENT ADDITION IN A COASTAL RAINFOREST STREAM ON VANCOUVER ISLAND. *J. Fish. Res. Board Can.* 35(1):28-34. Jan. 1978. In English with French summ. SFA 23(2)

71-012667 van den Avyle, M. J. A MODELING ANALYSIS OF LAKE ECOSYSTEM RESPONSES TO INORGANIC FERTILIZATION. *Ph.D. dissertation, Tex. A&M Univ.* 255p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8), Feb. 1978. SFA 23(3)

FISHWAYS, FISH PASSAGE THROUGH DAMS, ETC.

71-012668 Arnold, G. P. METHODS OF TRACKING, DEFLECTING AND COUNTING FISH IN NORTH AMERICA. *Minist. Agric. Fish. Food Dir. Fish. Res. Fish. Res. Tech. Rep.* No. 44. 25p. 1978. SFA 23(3)

71-012669 Beach, M. H. THE USE OF INFRA-RED LIGHT AND CLOSED CIRCUIT TV TO VALIDATE RECORDS FROM AUTOMATIC FISH COUNTERS. *J. Fish Biol.* 13 (5): 639-644. Nov. 1978. SFA 24(2)

71-012670 Bentley, W. W. and Raymond, H. L. DELAYED MIGRATIONS OF YEARLING CHINOOK SALMON SINCE COMPLETION OF LOWER MONUMENTAL AND LITTLE GOOSE DAMS ON THE SNAKE RIVER. *Trans. Am. Fish. Soc.* 105 (3): 422-424. May 1976. SFA 21(3)

71-012671 Boreman, J. IMPACTS OF POWER PLANT INTAKE VELOCITIES ON FISH. *U.S. Fish Wildl. Serv. Top. Briefs: Fish Wildl. Resour. Elec. Power Generation* No. 1. 10p. Mar. 1977. SFA 22(4)

71-012672 Boreman, J.; Goodyear, C. P. and Christensen, S. W. AN EMPIRICAL TRANSPORT MODEL FOR EVALUATING ENTRAINMENT OF AQUATIC ORGANISMS BY POWER PLANTS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/90. xiii + 67p. Nov. 1978. SFA 24(3)

71-012673 Bowles, R. R.; Merriner, J. V. and Boreman, J. FACTORS AFFECTING ACCURACY OF ICHTHYOPLANKTON SAMPLES USED IN POWER PLANT ENTRAINMENT STUDIES. *U.S. Fish Wildl. Serv.* FWS/OBS-76/20.7. 12p. June 1978. SFA 24(2)

71-012674 Cada, G. F. and Hergenrader, G. L. AN ASSESSMENT OF SAMPLING MORTALITY OF LARVAL FISHES. *Trans. Am. Fish. Soc.* 107 (2): 269-274. Mar. 1978. SFA 23(3)

71-012675 Cada, G. F. THE ENTRAINMENT OF LARVAL FISHES AT TWO NUCLEAR POWER PLANTS ON THE MISSOURI RIVER IN NEBRASKA. *Ph.D. dissertation, Univ. Nebr. (Lincoln)* 142p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2037. Nov. 1977. SFA 23(3)

71-012676 Carrier, R. F. ENTRAINMENT. *J. Water Pollut. Control Fed.* 50 (6): 1567-1582. June 1978. SFA 23(4)

71-012677 Cole, R. A. ENTRAINMENT AT A ONCE-THROUGH COOLING SYSTEM ON WESTERN LAKE ERIE. VOL. 1. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-78-070. xiii + 140p. July 1978. SFA 24(4)

71-012678 Dane, B. G. A REVIEW & RESOLUTION OF FISH PASSAGE PROBLEMS AT CULVERT SITES IN BRITISH COLUMBIA. *Fish Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 810. xi + 126p. Sept. 1978. In English with French summ. SFA 24(3)

71-012679 Dane, B. G. CULVERT GUIDELINES: RECOMMENDATIONS FOR THE DESIGN & INSTALLATION OF CULVERTS IN BRITISH COLUMBIA TO AVOID CONFLICT WITH ANADROMOUS FISH. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 811. v + 57p. Oct. 1978. In English with French summ. SFA 24(3)

71-012680 Goodyear, C. P. MATHEMATICAL METHODS TO EVALUATE ENTRAINMENT OF AQUATIC ORGANISMS BY POWER PLANTS. *U.S. Fish Wildl. Serv. Top. Briefs: Fish Wildl. Resour. Elec. Power Generation* FWS/OBS-76/20.3. 17p. Sept. 1977. SFA 23(2)

71-012681 Griffith, J. S. and Tomljanovich, D. A. SUSCEPTIBILITY OF THREADFIN SHAD TO IMPINGEMENT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:223-234. 1975[1976]. SFA 22(3)

71-012682 Hanson, C. H.; White, J. R. and Li, H. W. AN ALTERNATIVE APPROACH FOR DEVELOPING INTAKE VELOCITY DESIGN CRITERIA. *Cal-Neva Wildl. Trans.* 1977:10-18. 1977. SFA 23(3)

71-012683 Hanson, C. H.; White, J. R. and Li, H. W. ENTRAPMENT AND IMPINGEMENT OF FISHES BY POWER PLANT COOLING-WATER INTAKES: AN OVERVIEW. *Mar. Fish. Rev.* 39 (10): 7-17. Oct. 1977. SFA 23(2)

71-012684 Haynes, J. M. and R. H. Gray. INFLUENCE OF LITTLE GOOSE DAM ON UPSTREAM MOVEMENTS OF ADULT CHINOOK SALMON, *ONCORHYNCHUS TSHAWYTSCHA. NOAA Fish. Bull.* 78(1):185-190. 1980. SFA 25(4)

71-012685 Jensen, L. D.,(ed.). FOURTH NATIONAL WORKSHOP ON ENTRAINMENT AND IMPINGEMENT. *EA Communications, Towson, MD* 404p. 1978. SFA 24(3)

71-012686 Katopodis, C.; Robinson, P. R. and Sutherland, B. G. A STUDY OF MODEL AND PROTOTYPE CULVERT BAFFLING FOR FISH PASSAGE. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 828. v + 78p. Dec. 1978. In English with French summ. SFA 24(2)

71-012687 Kelso, J. R. M. and Milburn, G. S. ENTRAINMENT AND IMPINGEMENT OF FISH BY POWER PLANTS IN THE GREAT LAKES WHICH USE THE ONCE-THROUGH COOLING PROCESS. *J. Great Lakes Res.* 5(2):182-194. 1979. SFA 25(1)

71-012688 Kelso, J. R. M. and Leslie, J. K. ENTRAINMENT OF LARVAL FISH BY THE DOUGLAS POINT GENERATING STATION, LAKE HURON, IN RELATION TO SEASONAL SUCCESSION AND DISTRIBUTION. *J. Fish. Res. Board Can.* 36 (1): 37-41. Jan. 1979. In English with French summ. SFA 24(2)

71-012689 Layzer, J. B. TRANSPORTATION OF ADULT AMERICAN SHAD PAST DAMS ON THE CONNECTICUT RIVER, MASSACHUSETTS, 1973-76. *Prog. Fish-Cult.* 41 (1): 7-9. Jan. 1979. SFA 24(2)

71-012690 Leslie, J. K.; Kozopas, R. and Hyatt, W. H. CONSIDERATIONS OF ENTRAINMENT OF LARVAL FISH BY A ST. CLAIR RIVER, ONTARIO, POWER PLANT. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 686. v + 25p. June 1979. In English with French summ. SFA 24(3)

71-012691 Logan, B. E. and M. T. Masnik. IMPINGEMENT DYNAMICS AND AGE AND GROWTH OF SELECTED SPECIES AT LAKE DARDANELLE, A SOUTHCENTRAL RESERVOIR. *U.S. Nucl. Regul. Comm. Environ. Spec. Br. Tech. Rep.* NUREG-0601. vii + 54p. Oct. 1979. SFA 25(3)

71-012692 Logan, B. E.; Masnik, M. T. and Wilson, J. H. ANALYSIS OF IMPINGEMENT AND FAR-FIELD FISHERIES DATA COLLECTED AT A SOUTH-CENTRAL RESERVOIR. *Va. J. Sci.* 29 (2): 64. 1978. Abstract only. SFA 24(4)

71-012693 Mathur, D.; Heisey, P. G. and Magnusson, N. C. IMPINGEMENT OF FISHES AT PEACH BOTTOM ATOMIC POWER STATION, PENNSYLVANIA. *Trans. Am. Fish. Soc.* 106 (3): 258-267. May 1977. SFA 22(4)

71-012694 Matthews, G. M.; Swan, G. A. and Smith, J. R. IMPROVED BYPASS AND COLLECTION SYSTEM FOR PROTECTION OF JUVENILE SALMON AND STEELHEAD TROUT AT LOWER GRANITE DAM. *Mar. Fish. Rev.* 39 (7): 10-14. July 1977. SFA 23(1)

71-012695 McCabe, G. T., Jr.; Long, C. W. and Park, D. L. BARGE TRANSPORTATION OF JUVENILE SALMONIDS ON THE COLUMBIA AND SNAKE RIVERS, 1977. *Mar. Fish. Rev.* 41(7):28-34. July 1979. SFA 25(1)

71-012696 McCosker, J. E. and Dawson, C. E. BIOTIC PASSAGE THROUGH THE PANAMA CANAL, WITH PARTICULAR REFERENCE TO FISHES. *Mar. Biol.* 30 (4): 343-351. 20 June 1975. SFA 22(2)

71-012697 Moazzam, M. and S. H. N. Rizvi. FISH ENTRAPMENT IN THE SEAWATER INTAKE OF A POWER PLANT AT KARACHI COAST. *Environ. Biol. Fishes* 5(1):49-57. 30 Jan. 1980. SFA 25(3)

71-012698 Moen, T. E. and M. R. Dewey. LOSS OF LARVAL FISH BY EPILIMNIAL DISCHARGE FROM DEGRAY LAKE, ARKANSAS. *Proc. Ark. Acad. Sci.* 32:65-67. 1978. SFA 25(4)

71-012699 Morgan, R. P. II; Ulanowicz, R. E.; Rasin, V. J., Jr.; Noe, L. A. and Gray, G. B. EFFECTS OF SHEAR ON EGGS AND LARVAE OF STRIPED BASS, /MORONE SAXATILIS/, AND WHITE PERCH, /M. AMERICANA/. *Trans. Am. Fish. Soc.* 105(1):149-154. Jan. 1976. SFA 21(1)

71-012700 Nusenbaum, L. M. and Lemanova, N. A. THE STATE OF THE OVARIES OF THE SHAD, /CASPIALOSA KESSLERI/, PASSED THROUGH THE VOLGOGRAD FISH LIFT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (2): 274-278. 1975. SFA 21(3)

71-012701 Powell, D. H. and Spencer, S. L. PARALLEL-BAR BARRIER PREVENTS FISH LOSS OVER SPILLWAYS. *Prog. Fish-Cult.* 47(4):174-175. Oct. 1979. SFA 25(1)

71-012702 Powell, D. H. and Spencer, S. L. A SPILLWAY BARRIER FOR PONDS AND LAKES. *Ala. Conserv.* 49(1):20-21. Jan.-Feb. 1979. SFA 24(2)

71-012703 Scherer, M. D. ANALYSIS OF FACTORS AFFECTING PASSAGE OF AMERICAN SHAD (/ALOSA SAPIDISSIMA/, WILSON) AT HOLYOKE DAM, MASSACHUSETTS AND ASSESSMENT OF JUVENILE GROWTH AND DISTRIBUTION ABOVE THE DAM. *Ph.D. dissertation, Univ. Mass.* 262p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(2), 1975. SFA 21(1)

71-012704 Schuler, V. J. and Larson, L. E. IMPROVED FISH PROTECTION AT INTAKE SYSTEMS.*Pro. Am. Soc. Civ. Eng. J. Environ. Eng. Div.* 101(EE6):897-910. Dec. 1975. SFA 21(1)

71-012705 Serchuk, F. M. RESERVOIR AS REVEALED BY TRACKING STUDIES. THE EFFECTS OF THE LUDINGTON PUMPED STORAGE POWER PROJECT ON FISH PASSAGE THROUGH PUMP-TURBINES AND ON FISH BEHAVIORAL PATTERNS: PART I. AN EVALUATION OF MORTALITY INCURRED BY FISH PASSING THROUGH PUMP-TURBINES AT THE LUDINGTON PUMPED STORAGE POWER PLANT. PART II. MOVEMENT PATTERNS AND ORIENTATION OF FISHES IN THE LUDINGTON PUMPED STORAGE *Ph.D. dissertation, Mich. State Univ.* 144p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 23(1)

71-012706 Solomon, D. J. SOME OBSERVATIONS ON SALMON SMOLT MIGRATION IN A CHALKSTREAM. *J. Fish Biol.* 12 (6): 571-574. June 1978. SFA 23(4)

71-012707 Taft, E. P. III and Mussalli, Y. G. FISH DIVERSION AND TRANSPORTATION SYSTEM FOR POWER PLANT APPLICATION. *Fisheries (Bull. Am. Fish. Soc.)* 3 (3): 2-5. May-June 1978. SFA 23(4)

71-012708 Uziel, M. S. IMPINGEMENT. *J. Water Pollut. Control Fed.* 50 (6): 1553-1567. June 1978. SFA 23(4)

71-012709 Wallace, D. N. TWO ANOMALIES OF FISH LARVAL TRANSPORT AND THEIR IMPORTANCE IN ENVIRONMENTAL ASSESSMENT. *N.Y. Fish Game J.* 25 (1): 59-71. Jan. 1978. SFA 23(2)

71-012710 Whitfield, R. E. and Kolenosky, D. P. PROTOTYPE EEL LADDER IN THE ST. LAWRENCE RIVER. *Prog. Fish-Cult.* 40 (4): 152-154. Oct. 1978. SFA 24(2)

71-012711 Zweiacker, P. J.; Gaw, J. R.; Green, E. and Adams, C. EVALUATION OF AN AIR-BUBBLE CURTAIN TO REDUCE IMPINGEMENT AT AN ELECTRIC GENERATING STATION. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:343-356. 1977[1979]. SFA 24(4)

MATHEMATICS, STATISTICAL METHODS, AND MODELING

71-012712 Aalto, S. and G. E. Newsome. SOME METHODS OF ESTIMATING THE PARAMETERS OF THE LESLIE MATRIX USING INCOMPLETE POPULATION DATA. *Can. J. Fish. Aquatic Sci.* 37(7):1140-1148. July 1980. SFA 25(4)

71-012713 Agnew, T. T. OPTIMAL EXPLOITATION OF A FISHERY EMPLOYING A NON-LINEAR HARVESTING FUNCTION. *Ecol. Model.* 6 (1): 47-57. Jan. 1979. SFA 24(2)

71-012714 Armstrong, D. W.; Hislop, J. R. G.; Jermyn, A. S. and Newton, A. W. THE ESTIMATION OF MORTALITY RATES AND YEAR CLASS SIZE. *Scott. Fish. Bull.* 44: 7-11. 1978. SFA 24(1)

71-012715 Bayley, P. B. A METHOD FOR FINDING THE LIMITS OF APPLICATION OF THE VON BERTALANFFY GROWTH MODEL AND STATISTICAL ESTIMATES OF THE PARAMETERS. *J. Fish. Res. Board Can.* 34 (8): 1079-1084. Aug. 1977. In English with French summ. SFA 22(4)

71-012716 Bazigos, G. P. MATHEMATICS FOR FISHERY STATISTICIANS. *FAO Fish. Tech. Pap.* No. 169. x + 183p. June 1977. SFA 23(4)

71-012717 Bergersen, E. P. and Keefe, T. J. AN INDEX OF FISH MOVEMENT WITH STATISTICAL TECHNIQUES FOR ITS INTERPRETATION. *J. Fish. Res. Board Can.* 33 (7): 1649-1652. July 1976. In English with French summ. SFA 21(3)

71-012718 Blinov, V. V. A POTENTIAL MODEL OF FISH GROWTH. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15 (5): 764-770. 1975. SFA 22(1)

71-012719 Blinov, V. V. MODELLING NATURAL MORTALITY IN FISH OF THE YOUNGER AGE GROUPS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17 (3): 511-516. 1977. SFA 23(3)

71-012720 Blinov, V. V.; Ye. A. Mitrofanov and V. V. Shevchenko. A STUDY OF THE RATIONAL EXPLOITATION OF A COMMERCIAL POPULATION OF THE NORTH SEA HADDOCK, *MELANOGRAMUS AEGLEFINUS*, BY MEANS OF A PRODUCTION MODEL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):55-62. 1979. SFA 25(3)

71-012721 Bloom, S. G.; Cornaby, B. W. and Martin, W. E. A GUIDE TO MATHEMATICAL MODELS USED IN STEAM ELECTRIC POWER PLANT ENVIRONMENTAL IMPACT ASSESSMENT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/01. ix + 153p. Feb. 1978. SFA 24(1)

71-012722 Butler, S. A. and McDonald, L. L. A SIMULATION STUDY OF A CATCH-EFFORT MODEL FOR ESTIMATING MORTALITY RATES. *Trans. Am. Fish. Soc.* 108(4):353-357. July 1979. SFA 25(1)

71-012723 Buyakas, V. I.; A. A. Darkov; D. V. Radakov and Yu. V. Chekalayev. A MATHEMATICAL MODEL OF THE MOVEMENT OF A FISH SCHOOL. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(5):822-831. 1978. SFA 25(2)

71-012724 Cammen, L. M. ESTIMATION OF BIOLOGICAL POWER FUNCTIONS FROM GROUP MEASUREMENTS. *Can. J. Fish. Aquatic Sci.* 37(4):716-719. Apr. 1980. SFA 25(2)

71-012725 Capizzi, T. and Burton, D. T. A STATISTICAL TECHNIQUE FOR ANALYZING TIME-RESPONSE CURVES. *Am. Soc. Test. Materials Spec. Tech. Publ.* 652: 137-149. 1978. SFA 24(1)

71-012726 Clark, C. W. and Mangel, M. AGGREGATION AND FISHERY DYNAMICS: A THEORETICAL STUDY OF SCHOOLING AND THE PURSE SEINE TUNE FISHERIES. *NOAA Fish. Bull.* 77(2):317-337. Apr. 1979. SFA 25(1)

71-012727 Clark, R. D., Jr.; Garling, D. L., Jr. and Lackey, R. T. COMPUTER USE IN FRESHWATER FISHERIES MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 2(4):21-23. July-Aug. 1977. SFA 23(1)

71-012728 Clark, R. D., Jr. and Lackey, R. T. A TECHNIQUE FOR IMPROVING DECISION ANALYSIS IN FISHERIES AND WILDLIFE MANAGEMENT. *Va. J. Sci.* 27(4):199-201. 1976. SFA 22(4)

71-012729 Cohen, M.-D. and G. S. Fishman. MODELING GROWTH-TIME AND WEIGHT-LENGTH RELATIONSHIPS IN A SINGLE YEAR-CLASS FISHERY WITH EXAMPLES FOR NORTH CAROLINA PINK AND BROWN SHRIMP. *Can. J. Fish. Aquatic Sci.* 37(6):1000-1011. June 1980. In English with French summ. SFA 25(3)

71-012730 Coombs, R. F. ESTIMATING POPULATION PARAMETERS IN AN 'OPEN' FISH POPULATION. *N.Z. J. Mar. Freshwater Res.* 13(1):121-129. 1979. SFA 25(1)

71-012731 Crossman, E. J. and Goodchild, C. D. AN ANNOTATED BIBLIOGRAPHY OF THE MUSKELLUNGE, /ESOX MASQUINONGY/ (OSTEICHTHYES: SALMONIFORMES). *R. Ont. Mus. Life Sci. Misc. Publ.* 131p. 28 Feb. 1978. SFA 23(3)

71-012732 Dahlberg, M. L. COMPUTER PROGRAM FOR ANALYSIS OF THE HOMOGENEITY AND GOODNESS OF FIT OF FREQUENCY DISTRIBUTIONS, FORTRAN IV. *NOAA Fish. Bull.* 76 (1): 285. Jan. 1978. SFA 23(3)

71-012733 DeAngelis, D. L.; Cox, D. K. and Coutant, C. C. CANNIBALISM AND SIZE DISPERSAL IN YOUNG-OF-THE-YEAR LARGEMOUTH BASS: EXPERIMENT AND MODEL. *Ecol. Model.* 8:133-148. Jan. 1980. SFA 25(1)

71-012734 DeAngelis, D. L.; P. A. Hackney and J. C. Webb. A PARTIAL DIFFERENTIAL EQUATION MODEL OF CHANGING SIZES AND NUMBERS IN A COHORT OF JUVENILE FISH. *Environ. Biol. Fishes* 59(3):261-266. 29 Sept. 1980. SFA 25(4)

71-012735 DeAngelis, D. L.; Christensen, S. W. and Clark, A. G. RESPONSES OF A FISH POPULATION MODEL TO YOUNG-OF-THE-YEAR MORTALITY. *J. Fish. Res. Board Can.* 34 (11): 2124-2132. Nov. 1977. In English with French summ. SFA 23(1)

71-012736 Deriso, R. B. HARVESTING STRATEGIES AND PARAMETER ESTIMATION FOR AN AGE-STRUCTURED MODEL. *Can. J. Fish. Aquatic Sci.* 37(2):268-282. Feb. 1980. In English with French summ. SFA 25(3)

71-012737 Dupont, W. D. A STOCHASTIC METHOD FOR ESTIMATING ANIMAL ABUNDANCE FROM CATCH-EFFORT DATA. *Ph.D. dissertation, Johns Hopkins Univ.* 266 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(10), 1977. SFA 22(3)

71-012738 Dyer, T. G. J. and Gillooly, J. F. SIMULATING FISH PRODUCTION USING EXPONENTIAL SMOOTHING. *Ecol. Model.* 6 (1): 77-87. Jan. 1979. SFA 24(2)

71-012739 Eberhardt, L. L. RELATIONSHIP BETWEEN TWO STOCK-RECRUITMENT CURVES. *J. Fish. Res. Board Can.* 34 (3): 425-428. Mar. 1977. In English with French summ. SFA 22(3)

71-012740 Ebert, T. A. ESTIMATING PARAMETERS IN A FLEXIBLE GROWTH EQUATION, THE RICHARDS FUNCTION. *Can. J. Fish. Aquatic Sci.* 37(4):687-692. Apr. 1980. SFA 25(2)

71-012741 Everitt, R. R.; Sonntag, N. C.; Puterman, M. L. and Whalen, P. A MATHEMATICAL PROGRAMMING MODEL FOR THE MANAGEMENT OF A RENEWABLE RESOURCE SYSTEM: THE KEMANO II DEVELOPMENT PROJECT. *J. Fish. Res. Board Can.* 35 (2): 235-246. Feb. 1978. In English with French summ. SFA 23(2)

71-012742 Fisheries and Environment Canada. EIGHTEENTH SUPPLEMENT TO LIST OF ARTICLES IN THE TRANSLATION SERIES NO. 3926-4175. *Fish. Environ. Can. Fish. Mar. Serv. Transl. Ser.* No. 3926-4175. 38p. Jan. 1978. In English with French preface. SFA 23(3)

71-012743 Fletcher, R. I. TIME-DEPENDENT SOLUTIONS AND EFFICIENT PARAMETERS FOR STOCK-PRODUCTION MODELS. *NOAA Fish. Bull.* 76 (2): 377-388. Apr. 1978. SFA 23(4)

71-012744 Fletcher, R. I. ON THE RESTRUCTURING OF THE PELLA-TOMLINSON SYSTEM. *NOAA Fish. Bull.* 76 (3): 515-521. July 1978. SFA 24(1)

71-012745 Gales, L. E.; Buss, J. A. and Bledsoe, L. J. SIMULATION CONCEPTS FOR FISHERY SYSTEMS. *J. Fish. Res. Board Can.* 34 (12): 2374-2380. Dec. 1977. In English with French summ. SFA 23(2)

71-012746 Gardner, R. H.; R. V. O'Neill; S. W. Christensen; W. Van Winkle and J. H. Carney. ERROR ANALYSIS OF DENSITY-INDEPENDENT AND DENSITY-DEPENDENT LESLIE MODELS FOR FISH POPULATIONS. *Bull. Ecol. Soc. Am.* 61(2):62. June 1980. Abstract only. SFA 25(4)

71-012747 Gatto, M. and Rinaldi, S. ON THE DETERMINATION OF A COMMERCIAL FISHERY PRODUCTION MODEL. *Ecol. Model.* 8:165-172. Jan. 1980. SFA 25(1)

71-012748 Gatto, M. and Rinaldi, S. ESTIMATING ESCAPEMENTS OF ANADROMOUS FISHES VIA UPSTREAM TEST FISHING DATA. *Ecol. Model.* 8:173-188. Jan. 1980. SFA 25(1)

71-012749 Gatto, M. and Rinaldi, S. MEAN VALUE AND VARIABILITY OF FISH CATCHES IN FLUCTUATING ENVIRONMENTS. *J. Fish. Res. Board Can.* 33(1):189-193. Jan. 1976. In English with French summ. SFA 21(1)

71-012750 Gerritsen, J. and Strickler, J. R. ENCOUNTER PROBABILITIES AND COMMUNITY STRUCTURE IN ZOOPLANKTON: A MATHEMATICAL MODEL. *J. Fish. Res. Board Can.* 34 (1): 64-72. Jan. 1977. In English with French summ. SFA 22(2)

71-012751 Goh, B. S. OPTIMUM SIZE LIMIT FOR A FISHERY WITH A LIMITED FISHING SEASON. *Ecol. Model.* 3(1):3-15. Feb. 1977. SFA 24(2)

71-012752 Green, K. A. A CONCEPTUAL ECOLOGICAL MODEL FOR CHESAPEAKE BAY. *U.S. Fish Wildl. Serv.* FWS/OBS-78/69. v + 22p. Sept. 1978. SFA 24(1)

71-012753 Gulland, J. A. THE STABILITY OF FISH STOCKS. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 199-204. Sept. 1977. SFA 23(2)

71-012754 Hammond, D. E. and Lackey, R. T. ANALYSIS OF CATCHABLE TROUT FISHERIES MANAGEMENT BY COMPUTER SIMULATION. *Trans. Am. Fish. Soc.* 105(1):48-56. Jan. 1976. SFA 21(1)

71-012755 Hanson, J. A. AQUATIC ECOSYSTEM ANALYSIS & MODELING 1975. A SEA GRANT PERSPECTIVE. *Oceanic Inst., Waimanalo, HI* 75p. May 1976. SFA 24(1)

71-012756 Hesse, L. FIRE 1. A COMPUTER PROGRAM FOR THE COMPUTATION OF FISHERY STATISTICS ON SAMPLES WITH AGED AND NON-AGED SUBSAMPLES IBM 360/65, FORTRAN IV G LEVEL. *Nebr. Game Parks Comm. Tech. Ser.* No. 1. 60p. 1977. SFA 23(1)

71-012757 Hilborn, R. and Walters, C. J. DIFFERING GOALS OF SALMON MANAGEMENT ON THE SKEENA RIVER. *J. Fish. Res. Board Can.* 34(1):73-82. Jan. 1977. In English with French summ. SFA 22(2)

71-012758 Hilborn, R. COMPARISON OF FISHERIES CONTROL SYSTEMS THAT UTILIZE CATCH AND EFFORT DATA. *J. Fish. Res. Board Can.* 36(12):1477-1489. Dec. 1979. In English with French summ. SFA 25(1)

71-012759 Hilborn, R. OPTIMAL EXPLOITATION OF MULTIPLE STOCKS BY A COMMON FISHERY: A NEW METHODOLOGY. *J. Fish. Res. Board Can.* 33(1):1-5. Jan. 1976. In English with French summ. SFA 21(1)

71-012760 Horst, T. J. USE OF THE LESLIE MATRIX FOR ASSESSING ENVIRONMENTAL IMPACT WITH AN EXAMPLE FOR A FISH POPULATION. *Trans. Am. Fish. Soc.* 106 (3): 253-257. May 1977. SFA 22(4)

71-012761 Hughes, S. E. SYSTEM FOR SAMPLING LARGE TRAWL CATCHES OF RESEARCH VESSELS. *J. Fish. Res. Board Can.* 33 (4,1): 833-839. Apr. 1976. In English with French summ. SFA 21(2)

71-012762 Jensen, A. L. RELATION BETWEEN YIELD AND FISHING MORTALITY FOR RICKER'S YIELD EQUATION. *J. Fish. Res. Board Can.* 33(2):275-277. Feb. 1976. In English with French summ. SFA 21(1).

71-012763 Jensen, A. L. TIME SERIES ANALYSIS AND FORECASTING OF ATLANTIC MENHADEN CATCH. *Chesapeake Sci.* 17 (4): 305-307. Dec. 1976. SFA 22(1)

71-012764 Jester, D. B., Jr. and Lackey, R. T. TOWARD A GENERAL MODEL OF LARGEMOUTH BASS POPULATION DYNAMICS. *Va. J. Sci.* 27(2):45. 1976. Abstract only. SFA 21(4)

71-012765 Jones, D. D. and Walters, C. J. CATASTROPHE THEORY AND FISHERIES REGULATION. *J. Fish. Res. Board Can.* 33(12):2829-2833. Dec. 1976. In English with French summ. SFA 22(1)

71-012766 Kaesler, R. L. and Herricks, E. E. ANALYSIS OF DATA FROM BIOLOGICAL SURVEYS OF STREAMS: DIVERSITY AND SAMPLE SIZE. *Water Resour. Bull.* 13 (1): 125-135. Feb. 1977. SFA 22(3)

71-012767 Keeney, R. L. A UTILITY FUNCTION FOR EXAMINING POLICY AFFECTING SALMON ON THE SKEENA RIVER. *J. Fish. Res. Board Can.* 34(1):49-63. Jan. 1977. In English with French summ. SFA 22(2)

71-012768 Kerr, S. R. and Neal, M. W. ANALYSIS OF LARGE-SCALE ECOLOGICAL SYSTEMS. *J. Fish. Res. Board Can.* 33 (9): 2083-2089. Sept 1976. In English with French summ. 21(3)

71-012769 Kimura, D. K. ESTIMATING THE TOTAL NUMBER OF MARKED FISH PRESENT IN A CATCH. *Trans. Am. Fish. Soc.* 105 (6): 664-668. Nov. 1976. SFA 22(1)

71-012770 Kriksunov, E. A. and Sidorin, A. P. MODELING GROWTH AND MORTALITY INTERRELATIONSHIP IN A POPULATION OF SHORT-CYCLE FISH THE SMELT, /OSMERUS PERLANUS/ MORPHA /SPIRINCHUS/, OF PSKOVSKO-CHUDSKOE LAKE WITH ENVIRONMENTAL CHANGES CONSIDERED. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 15(4):542-549. 1975. SFA 21(3)

71-012771 Krylov, V. V. UTILITY OF THE SPECIES DIVERSITY INDEX. *Oceanology* 16 (5): 513-514. Apr. 1977. SFA 22(4)

71-012772 Leidy, G. R. and Jenkins, R. M. THE DEVELOPMENT OF FISHERY COMPARTMENTS AND POPULATION RATE COEFFICIENTS FOR USE IN RESERVOIR ECOSYSTEM MODELING. *U.S. Army Corps Eng. Contract Rep.* No. Y-77-1. 134p. June 1977. SFA 23(1)

71-012773 Lord, G. E. DECISION THEORY APPLIED TO THE SIMULATED DATA ACQUISITION AND MANAGEMENT OF A SALMON FISHERY. *NOAA Fish. Bull.* 74 (4): 837-846. Oct. 1976. SFA 22(2)

71-012774 Loucks, R. H. and Sutcliffe, W. H., Jr. A SIMPLE FISH-POPULATION MODEL INCLUDING ENVIRONMENTAL INFLUENCE, FOR TWO WESTERN ATLANTIC SHELF STOCKS. *J. Fish. Res. Board Can.* 35(3):279-285. Mar. 1978. In English with French summ. SFA 23(2)

71-012775 MacCall, A. D. A NOTE ON PRODUCTION MODELING OF POPULATIONS WITH DISCONTINUOUS REPRODUCTION. *Calif. Fish Game* 64 (3): 225-227. July 1978. SFA 24(1)

71-012776 Marten, G. G. CALCULATING MORTALITY RATES AND OPTIMUM YIELDS FROM LENGTH SAMPLES. *J. Fish. Res. Board Can.* 35 (2): 197-201. Feb. 1978. In English with French summ. SFA 23(2)

71-012777 McConnell, K. E. and Sutinen, J. G. BIOECONOMIC MODELS OF MARINE RECREATIONAL FISHING. *J. Environ. Econ. Manage.* 6(2):127-139. June 1979. SFA 24(4)

71-012778 McGaw, R. L. CONFIDENCE INTERVALS FOR OPTIMAL EFFORT ESTIMATES FROM THE SCHAEFER PRODUCTION MODEL. *Can. J. Fish. Aquatic Sci.* 37(2):288-289. Feb. 1980. In English with French summ. SFA 25(3)

71-012779 McKellar, H. N., Jr. METABOLISM AND MODEL OF AN ESTUARINE BAY ECOSYSTEM AFFECTED BY A COASTAL POWER PLANT. *Ecol. Model.* 3 (2): 85-118. May 1977. SFA 24(2)

71-012780 McNew, R. W. and Summerfelt, R. C. EVALUATION OF A MAXIMUM-LIKELIHOOD ESTIMATOR FOR ANALYSIS OF LENGTH-FREQUENCY DISTRIBUTIONS. *Trans. Am. Fish. Soc.* 107(5):730-736. Sept. 1978. SFA 24(1)

71-012781 Mendelssohn, R. DETERMINING THE BEST TRADE-OFF BETWEEN EXPECTED ECONOMIC RETURN AND THE RISK OF UNDESIRABLE EVENTS WHEN MANAGING A RANDOMLY VARYING POPULATION. *J. Fish. Res. Board Can.* 36(8):939-947. Aug. 1979. In English with French summ. SFA 25(1)

71-012782 Mendelssohn, R. USING MARKOV DECISION MODELS AND RELATED TECHNIQUES FOR PURPOSES OTHER THAN SIMPLE OPTIMIZATION: ANALYZING THE CONSEQUENCES OF POLICY ALTERNATIVES ON THE MANAGEMENT OF SALMON RUNS. *NOAA Fish. Bull.* 78(1):35-50. 1980. SFA 25(4)

71-012783 Minns, C. K. A COMPUTER SIMULATION MODEL OF LABORATORY POPULATIONS OF THE GUPPY, /POECILIA RETICULATA/ (PETERS). *Ph.D. dissertation, Univ. Toronto (Canada)* 1974. From Diss. Abstr. Int. B Sci. Eng. 38(6):2511. Dec. 1977. SFA 23(3)

71-012784 Mohn, R. K. BIAS AND ERROR PROPAGATION IN LOGISTIC PRODUCTION MODELS. *Can. J. Fish. Aquatic Sci.* 37(8):1276-1283. Aug. 1980. In English with French summ. SFA 25(4)

71-012785 Moller, F. MANUAL OF METHODS IN AQUATIC ENVIRONMENT RESEARCH. PART 5--STATISTICAL TESTS. *FAO Fish. Tech. Pap.* No. 182. 131p. 1979. SFA 25(1)

71-012786 Nielsen, L. A. and W. F. Schoch. ERRORS IN ESTIMATING MEAN WEIGHT AND OTHER STATISTICS FROM MEAN LENGTH. *Trans. Am. Fish. Soc.* 109(3):319-322. May 1980. SFA 25(4)

71-012787 Orth, D. J. COMPUTER SIMULATION MODELS FOR PREDICTING POPULATION TRENDS OF LARGEMOUTH BASS IN LARGE RESERVOIR. *Proc. Okla. Acad. Sci.* 58: 35-43. 1978. SFA 24(1)

71-012788 Paloheimo, J. E. ESTIMATION OF MORTALITY RATES IN FISH POPULATIONS. *Trans. Am. Fish. Soc.* 109(4):378-386. July 1980. SFA 25(4)

71-012789 Parker, F. L.; Benedict, B. A. and Tsai, C. EVALUATION OF MATHEMATICAL MODELS FOR TEMPERATURE PREDICATION IN DEEP RESERVOIRS. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-660/3-75-038. xvii + 205p. June 1975. SFA 21(1)

71-012790 Peterman, R. M. A SIMPLE MECHANISM THAT CAUSES COLLAPSING STABILITY REGIONS IN EXPLOITED SALMONID POPULATIONS. *J. Fish. Res. Board Can.* 34 (8): 1130-1142. Aug. 1977. In English with French Summ. SFA 22(4)

71-012791 Peterson, J.; M. Taylor and A. Hanson. LESLIE POPULATION ESTIMATE FOR A LARGE LAKE. *Trans. Am. Fish. Soc.* 109(3):329-331. May 1980. SFA 25(4)

71-012792 Powers, J. E. and Lackey, R. T. A MULTIATTRIBUTE UTILITY FUNCTION FOR MANAGEMENT OF A RECREATIONAL RESOURCE. *Va. J. Sci.* 27(4):191-198. 1976. SFA 22(4)

71-012793 Rafail, S. Z. A SIMPLIFICATION FOR THE STUDY OF FISH POPULATIONS BY CAPTURE DATA. *NOAA Fish. Bull.* 75 (3): 561-569. July 1977. SFA 23(1)

71-012794 Rivard, D. and Bledsoe, L. J. PARAMETER ESTIMATION FOR THE PELLA-TOMLINSON STOCK PRODUCTION MODEL UNDER NONEQUILIBRIUM CONDITIONS. *NOAA Fish. Bull.* 76 (3): 523-534. July 1978. SFA 24(1)

71-012795 Rivard, D. and Doubleday, W. G. APL PROGRAMS FOR STOCK ASSESSMENT, INCLUDING A SENSITIVITY ANALYSIS WITH RESPECT TO INPUT PARAMETERS. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 853. iv + 80p. Mar. 1979. In English with French summ. SFA 24(3)

71-012796 Roff, D. A. and D. J. Fairbairn. AN EVALUATION OF GULLAND'S METHOD FOR FITTING THE SCHAEFER MODEL. *Can. J. Fish. Aquatic Sci.* 37(8):1229-1235. Aug. 1980. In English with French summ. SFA 25(4)

71-012797 Royce, W. F. USE OF YIELD IN FISHERY MANAGEMENT. *In P. M. Roedel, ed., Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9: 9-12. Sept. 1974[1975]. SFA 21(1)

71-012798 Scherba, S., Jr. and Gallucci, V. F. THE APPLICATION OF SYSTEMATIC SAMPLING TO A STUDY OF INFAUNA VARIATION IN A SOFT SUBSTRATE ENVIRONMENT. *NOAA Fish. Bull.* 74 (4): 937-948. Oct. 1976. SFA 22(2)

71-012799 Schneider, J. C. PREDICTING THE STANDING CROP OF FISH IN MICHIGAN LAKES. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1860. 10p. 25 Oct. 1978. SFA 24(2)

71-012800 Schnute, J. IMPROVED ESTIMATES FROM THE SCHAEFER PRODUCTION MODEL: THEORETICAL CONSIDERATIONS. *J. Fish. Res. Board Can.* 34 (5): 583-603. May 1977. In English with French summ. SFA 22(3)

71-012801 Schwartz, F. J. and Howland, P. A. EVALUATING GEAR AND FACTORS AFFECTING CATCH AND SAMPLING VARIATION. *Spec. Sci. Rep. Carolina Power and Light Co., Raleigh, NC* 99p. 1 June 1978. SFA 23(4)

71-012802 Sharp, G. D. and Francis, R. C. AN ENERGETICS MODEL FOR THE EXPLOITED YELLOWFIN TUNA, /THUNNUS ALBACARES/, POPULATION IN THE EASTERN PACIFIC OCEAN. *NOAA Fish. Bull.* 74(1):36-51. Jan. 1976. SFA 21(1)

71-012803 Sherr, C. A. A PRELIMINARY ECOSYSTEM MODEL OF PERTURBATIONS IN A TROPICAL SHALLOW WATER FISHERY. *Ph.D dissertation, Univ. Ga.* 232p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2649. Dec. 1978. SFA 24(2)

71-012804 Shetty, H. P. C. and Ghosh, K. K. ON THE COLLECTION OF CAPTURE FISHERIES STATISTICS IN THE MAHANADI ESTUARY. *Indian J. Fish.* 10 (1a): 48-58. 1963. SFA 24(3)

71-012805 Siegel, R. A.; Rothschild, B. J. and Mueller, J. J. A LINEAR PROGRAMMING APPROACH TO DETERMINING HARVESTING CAPACITY: A MULTIPLE SPECIES FISHERY. *NOAA Fish. Bull.* 77(2):425-433. Apr. 1979. SFA 25(1)

71-012806 Stauffer, J. R.; R. L. Reish and W. F. Calhoun. FORTRAN PROGRAM FOR CALCULATING BRILLOUIN'S SPECIES DIVERSITY INDEX. *Prog. Fish-Cult.* 42(3):185-187. July. 1980. SFA 25(4)

71-012807 Straskraba, M. NATURAL CONTROL MECHANISMS IN MODELS OF AQUATIC ECOSYSTEMS. *Ecol. Model.* 6 (4): 305-321. May 1979. SFA 24(3)

71-012808 Strogonov, A. A. STATISTICAL EVALUATION OF ACCURACY IN THE DETERMINATION OF AGGREGATION DENSITY AMONG COMMERCIAL FISHES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16 (4): 664-667. 1976. SFA 23(1)

71-012809 Thompson, R. W. and D. A. Cauley. POPULATION BALANCE MODEL FOR FISH POPULATION DYNAMICS. *J. Theor. Biol.* 81(2):289-307. 21 Nov. 1979. SFA 25(2)

71-012810 Tillman, M. F. and Stadelman, D. DEVELOPMENT AND EXAMPLE APPLICATION OF A SIMULATION MODEL OF THE NORTHERN ANCHOVY FISHERY. *NOAA Fish. Bull.* 74(1):118-130. Jan. 1976. SFA 21(1)

71-012811 Udupa, K. S. ON THE ESTIMATION OF PARAMETERS OF VON BERTALANFFY GROWTH EQUATION. *Indian J. Fish.* 21 (2): 399-405. 1974. SFA 23(2)

71-012812 Uhler, R. S. LEAST SQUARES REGRESSION ESTIMATES OF THE SCHAEFER PRODUCTION MODEL: SOME MONTE CARLO SIMULATION RESULTS. *Can. J. Fish. Aquatic Sci.* 37(8):1284-1294. Aug. 1980. In English with French summ. SFA 25(4)

71-012813 Ulltange, O. SOURCES OF ERRORS IN AND LIMITATIONS OF VIRTUAL POPULATION ANALYSIS (COHORT ANALYSIS). *J. Cons. Cons. Int. Explor. Mer* 37 (3): 249-260. Sept. 1977. SFA 23(2)

71-012814 Van Winkle, W.; DeAngelis, D. L. and Blum, S. R. A DENSITY-DEPENDENT FUNCTION FOR FISHING MORTALITY RATE AND A METHOD FOR DETERMINING ELEMENTS OF A LESLIE MATRIX WITH DENSITY-DEPENDENT PARAMETERS. *Trans. Am. Fish. Soc.* 107 (3): 395-401. May 1978. SFA 23(4)

71-012815 Vaughan, D. S. A STOCHASTIC ANALYSIS OF THE STABILITY OF THE ATLANTIC MENHADEN FISHERY. *Ph.D. dissertation, Univ. R.I.* 115p. 1977. From Diss. Abstr. Int. B Sci. Eng. 39(1):35. July 1978. SFA 23(4)

71-012816 Vaughan, D. S. and Saila, S. B. A METHOD FOR DETERMINING MORTALITY RATES USING THE LESLIE MATRIX. *Trans. Am. Fish. Soc.* 105 (3): 380-383. May 1976. SFA 21(3)

71-012817 Vlinov, V. V. A MODEL OF THE ABUNDANCE OF MONOCYCLIC FISH POPULATION WITH INDEPENDENT YEAR CLASSES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 18(3):393-399. 1978. SFA 25(1)

71-012818 Walter, G. G. A SURPLUS YIELD MODEL INCORPORATING RECRUITMENT AND APPLIED TO A STOCK OF ATLANTIC MACKEREL (/SCOMBER SCOMBRUS/). *J. Fish. Res. Board Can.* 35 (2): 229-234. Feb. 1978. In English with French summ. SFA 23(2)

71-012819 Walters, C. J. and Hilborn, R. ADAPTIVE CONTROL OF FISHING SYSTEMS. *J. Fish. Res. Board Can.* 33(1):145-159. Jan. 1976. In English with French summ. SFA 21(1)

71-012820 Walters, C. J.; Hilborn, R.; Peterman, R. M. and Staley, M. J. MODEL FOR EXAMINING EARLY OCEAN LIMITATION OF PACIFIC SALMON PRODUCTION. *J. Fish. Res. Board Can.* 35 (10): 1303-1315. Oct. 1978. In English with French summ. SFA 24(1)

71-012821 Weinstein, M. P. and Logan, D. T. DIVERSITY AS A MEASURE OF ALEWIFE (/ALOSA PSEUDOHARENGUS/) DOMINANCE IN SOUTHEASTERN LAKE ONTARIO. *J. Great Lakes Res.* 5(2):139-143. 1979. SFA 25(1)

71-012822 Wlosinski, J. H. PREDICTABILITY OF STREAM ECOSYSTEM MODELS OF VARIOUS LEVELS OF RESOLUTION. *Ph.D. dissertation, Utah State Univ.* 149p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(11):5131. May 1980. SFA 25(3)

71-012823 Yeh, G.-T. and Yeh, C. F. MATHEMATICAL MODELING OF THE DISTRIBUTION OF FISH EGGS FROM SPAWNING REGIONS OF A RIVER. *Ecol. Model.* 8:97-107. Jan. 1980. SFA 25(1)

71-012824 Youngs, W. D. AN ANALYSIS OF THE EFFECT OF SEASONAL VARIABILITY OF HARVEST ON THE ESTIMATE OF EXPLOITATION RATE. *Trans. Am. Fish. Soc.* 105(1):45-47. Jan. 1976. SFA 21(1)

71-012825 Zhakov, L. A. and Menshutkin, V. V. A MATHEMATICAL MODEL OF A LAKE ICHTHYOCOENOSIS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):335-342. 1974. SFA 21(2)

71-012826 Zuboy, J. R. and Lackey, R. T. A COMPUTER SIMULATION MODEL OF A MULTISPECIES CENTRARCHID POPULATION COMPLEX. *Va. J. Sci.* 26 (1): 13-19. 1975. SFA 21(3)

71-012827 Zweifel, J. R. and Lasker, R. PREHATCH AND POSTHATCH GROWTH OF FISHES--A GENERAL MODEL. *NOAA Fish. Bull.* 74 (3): 609-621. July 1976. SFA 21(3)

ACCESS

71-012828 Reese, A. and Kuntz, B. FISHING EASEMENTS PROGRAM. MUTUAL BENEFITS FOR LANDOWNERS AND FISHERMEN. *Wyo. Wildl.* 41(2):4-6. Feb. 1977. SFA 22(2)

71-012829 Templer, O. W. PROBLEMS OF PUBLIC ACCESS TO WATER IN TEXAS LAKES AND STREAMS: AN ANALYSIS. *Proj. Compl. Rep. OWRT Proj. No. A-042-TEX, Tex. Tech Univ., Lubbock* WRC 79-1. vi + 126p. Jan. 1979. SFA 24(2)

LAKE MANAGEMENT AND RESEARCH

71-012830 Atlantic States Marine Fisheries Commission. EASTLAND FISHERIES SURVEY OF THE GREAT LAKES. *Fisheries (Bull. Am. Fish. Soc.)* 2(6):18. Nov.-Dec. 1977. Introduction and summary of recommendations only. SFA 23(2)

71-012831 Balon, E. K. and Chadwick, E. M. P. RECLAMATION OF A PERCH LAKE: A CASE STUDY USING DENSITY ESTIMATES AND THE GUILD CONCEPT. *Arch. Hydrobiol.* 85(4):543-547. 1979. SFA 24(4)

71-012832 Bandow, F. EFFECTS OF WINTERKILL AND CHEMICAL ERADICATION OF FISH ON A LAKE ECOSYSTEM. *Minn. Dep. Nat. Resour. Sect. Fish. Invest. Rep.* No. 369. 40p. Apr. 1980. SFA 25(2)

71-012833 Barica, J. and Mathias, J. A. OXYGEN DEPLETION AND WINTERKILL RISK IN SMALL PRAIRIE LAKES UNDER EXTENDED ICE COVER. *J. Fish. Res. Board Can.* 36(8):980-986. Aug. 1979. In English with French summ. SFA 25(1)

71-012834 Bayley, P. B. CHANGES IN SPECIES COMPOSITIONS OF THE YIELDS AND CATCH PER EFFORT DURING THE DEVELOPMENT OF THE FISHERY AT LAKE TURKANA, KENYA. *Arch. Hydrobiol.* 79(1):111-132. Jan. 1977. SFA 22(3)

71-012835 Benda, R. S. ANALYSIS OF CATCH DATA FROM 1968 TO 1976 FROM NINE FISH LANDINGS IN THE KENYA WATERS OF LAKE VICTORIA. *J. Fish Biol.* 15(4):385-387. Oct. 1979. SFA 25(1)

71-012836 Bennett, J. R. SOME EFFECTS OF MANIPULATION ON A POPULATION OF BROOK TROUT IN HIGH MOUNTAIN LAKES. *J. Colo.-Wyo. Acad. Sci.* 11(1):7. Apr. 1979. Abstract only. SFA 24(3)

71-012837 Biro, P. EXPLOITATION OF FISHERY RESOURCES OF LAKE BALATON. *Int. Ver. Theor. Angew. Limnol. Verh.* 20(4):2146-2149. 1978. SFA 24(4)

71-012838 Brown, T. L. ECONOMIC IMPACT OF NEW YORK'S GREAT LAKES SPORT FISHERIES. *J. Great Lakes Res.* 3(1/2):164-166. Oct. 1977. SFA 23(2)

71-012839 Bull, C. J. and Mackay, W. C. NITROGEN AND PHOSPHORUS REMOVAL FROM LAKES BY FISH HARVEST. *J. Fish. Res. Board Can.* 33(6):1374-1376. June 1976. In English with French summ. SFA 21(2)

71-012840 Carlander, K. D. WATER HYACINTH AND OVERFISHING PROBLEMS ON AN INDONESIAN LAKE. *Proc. Iowa Acad. Sci.* 87(1):20-22. Mar. 1980. Abstract only. SFA 25(2)

71-012841 Carlander, K. D. FISHERIES AND FISHERIES MANAGEMENT IN RAWA PENING. RESULTS AND PROSPECTS. *Proc. Semin. Aquatic Biol. Rawa Pening Lakes, Satya Wacana Christian Univ., Salatiga, Indonesia* 1:77-114. 1978. SFA 24(4)

71-012842 Carlander, K. D. COMMUNITY RELATIONS OF BASS, LARGE NATURAL LAKES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 125-130. 1975. SFA 21(3)

71-012843 Carr, J. E. and Martin, D. F. AERATION EFFICIENCY AS A MEANS OF COMPARING DEVICES FOR LAKE RESTORATION. *J. Environ. Sci. Health A Environ. Sci. Eng.* 13(1):73-85. 1978. SFA 23(3)

71-012844 Cochrane, K. L. CATCHES OF /HYDROCYNUS VITTATUS/ CASTELNAU DURING SARDINE FISHING OPERATIONS IN LAKE KARIBA. *Trustees Natl. Mus. Monuments Kariba Stud. Pap.* No. 7. 11p. Jan. 1976. SFA 21(1)

71-012845 DeRoche, S. E. THE SEBAGO LAKE STUDY. *Me. Dep. Inland Fish. Wildl. Fish. Res. Bull.* No. 9. 56p. 1976. SFA 21(2)

71-012846 Eggers, D. M.; Bartoo, N. W.; Rickard, N. A.; Nelson, R. E.; Wissmar, R. C.; Burgner, R. L. and Devol, A. H. THE LAKE WASHINGTON ECOSYSTEM: THE PERSPECTIVE FROM THE FISH COMMUNITY PRODUCTION AND FORAGE BASE. *J. Fish. Res. Board Can.* 35(12):1553-1571. Dec. 1978. In English with French summ. SFA 24(2)

71-012847 Emery, A. R. STUNTED BASS: A RESULT OF COMPETING CISCO AND LIMITED CRAYFISH STOCKS. *IN H. Cleppler, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 154-164. 1975. SFA 22(2)

71-012848 Fedorenko, A. Y.; Fraser, F. J. and Lightly, D. T. A LIMNOLOGICAL AND SALMONID RESOURCE STUDY OF NITINAT LAKE: 1975-1977. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 839. vi + 86p. May 1979. In English with French summ. SFA 24(3)

71-012849 Flick, W. A. SOME OBSERVATIONS, AGE, GROWTH, FOOD HABITS AND VULNERABILITY OF LARGE BROOK TROUT (/SALVELINUS FONTINALIS/) FROM FOUR CANADIAN LAKES. *Nat. Can. (Que.)* 104(4):353-359. July-Aug. 1977. In English with French summ. SFA 23(2)

71-012850 Forney, J. L. EVOLUTION OF A MANAGEMENT STRATEGY FOR THE WALLEYE IN ONEIDA LAKE, NEW YORK. *N.Y. Fish Game J.* 27(2):105-141. July 1980. SFA 25(4)

71-012851 Francis, G. R.; J. J. Magnuson; H. A. Regier and D. R. Talhelm, eds. REHABILITATING GREAT LAKES ECOSYSTEMS. *Great Lakes Fish. Comm. Tech. Rep.* No. 37. 99p. Dec. 1979. SFA 25(2)

71-012852 Garrell, M. H.; Gibbs, A. M. and Miller, R. L. MAINTENANCE OF A TROUT FISHERY BY AERATION IN A EUTROPHIC LAKE. *N.Y. Fish Game J.* 25(1):79-82. Jan. 1978. SFA 23(2)

71-012853 Gater, R. and Nantias, M. TRAWLING FOR DOLLARS. *Ont. Fish Wildl. Rev.* 16 (2): 17-19. 1977. SFA 24(2)

71-012854 Goldspink, C. R. and Banks, J. W. A DESCRIPTION OF THE TJEUKEMEER FISHERY TOGETHER WITH A NOTE UPON THE YIELD STATISTICS BETWEEN 1964 AND 1970. *J. Fish Biol.* 7(5):687-708. Sept. 1975. SFA 22(2)

71-012855 Green, D. M. and Smith, S. B. ZOOPLANKTON, ZOOBENTHOS AND FISH POPULATIONS IN CANADARAGO LAKE DURING THE INITIAL STAGES OF NUTRIENT CONTROL. *N.Y. State Dep. Environ. Conserv. Tech. Pap.* No. 48. ix + 105p. Mar. 1976. SFA 21(1)

71-012856 Guillory, V.; Jones, M. D. and Rebel, M. A COMPARISON OF FISH COMMUNITIES IN VEGETATED AND BEACH HABITATS. *Fla. Sci.* 42(3):113-122. 1979. SFA 24(3)

71-012857 Healey, M. C. GROWTH AND RECRUITMENT IN EXPERIMENTALLY EXPLOITED LAKE WHITEFISH (*COREGONUS CLUPEAFORMIS*) POPULATIONS. *Can. J. Fish. Aquatic Sci.* 37(2):255-267. Feb. 1980. In English with French summ. SFA 25(3)

71-012858 Henry, F. D., Jr. THE INTRODUCTION OF SOUTHEASTERN BLUEGILL, /LEPOMIS MACROCHIRUS PURPURESCENS/, INTO LAKE PERRIS; CALIFORNIA, WITH NOTES ON THE GROWTH OF THE INITIAL YEAR CLASS. *Calif. Fish Game* 65(4):279-281. Oct. 1979. SFA 25(1)

71-012859 Jaiyen, K. THE HISTORY AND IMPORTANCE OF THE RAINBOW SMELT, /OSMERUS MORDAX/ (MITCHILL), IN THE LAKE MICHIGAN FISH COMMUNITY, WITH SPECIAL REFERENCE TO ITS MANAGEMENT AS A RESOURCE. *Ph. D. dissertation, Univ. Mich.* 166p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(6), 1975. SFA 21(1)

71-012860 James, G. J. EFFECTS OF HUMAN ACTIVITIES ON MOUNTAIN LAKES IN CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Irvine)* 97p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2)

71-012861 Jenkins, C. F. THE JOINT CANADIAN-US GREAT LAKES RESEARCH PROJECT, IFYGL. *Ambio* 7(3):98-105. 1978. SFA 23(4)

71-012862 Jensen, A. L. ASSESSMENT OF THE UNITED STATES LAKE WHITEFISH (/COREGONUS CLUPEAFORMIS/) FISHERIES OF LAKE SUPERIOR, LAKE MICHIGAN, AND LAKE HURON. *J. Fish. Res. Board Can.* 33(4,1):747-759. Apr. 1976. In English wtih French summ. SFA 21(2)

71-012863 Johnson, F. H. and Osborn, T. C. EXPERIMENTAL MANAGEMENT OF A SMALL RECLAIMED LAKE IN NORTHERN MINNESOTA FOR WALLEYE, /STIZOSTEDION VITREUM VITREUM/ (MITCHELL). *Minn. Dep. Nat. Resour. Sect. Fish. Invest. Rep.* No. 346. 41p. 1 Apr. 1977. SFA 22(4)

71-012864 Johnson, M. G. GREAT LAKES ENVIRONMENTAL PROTECTION POLICIES FROM A FISHERIES PERSPECTIVE. *Can. J. Fish. Aquatic Sci.* 37(7):1196-1204. July 1980. SFA 25(4)

71-012865 Johnson, M. W. THE MANAGEMENT OF LAKES FOR STREAM TROUT AND SALMON. *Minn. Dep. Nat. Resour. Sect. Fish. Spec. Publ.* No. 125. iv + 60p. Jan. 1978. SFA 23(4)

71-012866 Kempinger, J. J.; Churchill, W. S.; Priegel, G. R. and Christenson, L. M. ESTIMATE OF ABUNDANCE, HARVEST, AND EXPLOITATION OF THE FISH POPULATION OF EXCANABA LAKE, WISCONSIN, 1946-69. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 84. 30p. 1975. SFA 21(1)

71-012867 Keup, L. E. FISHERIES IN LAKE RESTORATION. *Fisheries (Bull. Am. Fish. Soc.)* 3(6):7-9, 20. Nov.-Dec. 1978. SFA 24(4)

71-012868 Klein, W. D. KOKANEE IN PARVIN LAKE, COLORADO, 1972-1977. *Colo. Div. Wildl. Fish. Res. Sect. Spec. Rep.* No. 47. vi + 19p. Dec. 1979. SFA 25(2)

71-012869 Klessig, L. L. CASE HISTORY: TEN YEARS OF EDUCATION ON LAKE MANAGEMENT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:313-322. 1977. SFA 23(1)

71-012870 Klessig, L. LAKE DISTRICTS--A UNIQUE ORGANIZATION WITH A SPECIAL PURPOSE. *Fisheries (Bull. Am. Fish. Soc.)* 3(6):10-14. Nov.-Dec. 1978. SFA 24(4)

71-012871 Lamarra, V. A. EXPERIMENTAL STUDIES OF THE EFFECT OF CARP (/CYPRINUS CARPIO/ L.) ON THE CHEMISTRY AND BIOLOGY OF LAKES. *Ph.D. dissertation, Univ. Minn.* 326p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(6), 1976. SFA 22(3)

71-012872 Latta, W. C. DYNAMICS OF BASS IN LARGE NATURAL LAKES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 175-182. 1975. SFA 21(3)

71-012873 Lawrence, W. M. EASTLAND FISHERIES SURVEY OF THE GREAT LAKES. *Atl. States Mar. Fish. Comm. Spec. Rep.* No. 1. v + 21p. Oct. 1976. SFA 23(1)

71-012874 Lawrie, A. H. THE FISH COMMUNITY OF LAKE SUPERIOR. *J. Great Lakes Res.* 4(3/4):513-549. 1978. SFA 25(2)

71-012875 Lawson, C. S. and Davies, W. D. EFFECTS OF BASS STOCKING AND RATES OF FISHING ON A LARGEMOUTH BASS POPULATION. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:493-497. 1977[1979]. SFA 24(4)

71-012876 Leach, J. H. and Nepszy, S. J. THE FISH COMMUNITY IN LAKE ERIE. *J. Fish. Res. Board Can.* 33(3):622-638. Mar. 1976. In English with French summ. SFA 21(1)

71-012877 Marten, G. G. PREDATOR REMOVAL: EFFECTS ON FISHERIES YIELDS IN LAKE VICTORIA (EAST AFRICA). *Science* 203(4381):646-648. 16 Feb. 1979. SFA 24(2)

71-012878 Martin, G. G. IMPACT OF FISHING ON THE INSHORE FISHERY OF LAKE VICTORIA (EAST AFRICA). *J. Fish. Res. Board Can.* 36(8):891-900. In English with French summ. SFA 25(1)

71-012879 Mayer, J. R. and Storch, T. A. CHAUTAUQUA LAKE--A STUDY IN LAKE ECOLOGY. *Conservationist* 32(5):EQNII-VI. Mar.-Apr. 1978. SFA 23(2)

71-012880 McCarraher, D. B. NEBRASKA'S SANDHILLS LAKES. *Nebr. Game Parks Comm., Lincoln* 67p. 1977. SFA 22(3)

71-012881 McKnight, T. C. and Serns, S. L. GROWTH AND HARVEST OF COHO SALMON IN STORMY LAKE, WISCONSIN. *Prog. Fish-Cult.* 39(2):79-85. Apr. 1977. SFA 22(3)

71-012882 Melack, J. M. PRIMARY PRODUCTIVITY AND FISH YIELDS IN TROPICAL LAKES. *Trans. Am. Fish. Soc.* 105(5):575-580. Sept. 1976. SFA 21(4)

71-012883 Moffett, M. F.; Cooke, G. D. and Myers, D. N. CHANGES IN THE MICROCRUSTACEAN COMMUNITY OF EUTROPHIC WEST TWIN LAKE FOLLOWING LAKE RESTORATION. *Ohio J. Sci.* 79:96. Apr. 1979. Abstract only. SFA 24(3)

71-012884 Morry, C. J. and Cole, L. J. LIMNOLOGY AND FISH POPULATIONS OF RED INDIAN LAKE, A MULTI-USE RESERVOIR. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* no. 691. xiii + 109p. 1977. In English with French summ. SFA 22(3)

71-012885 Myers, G. L. and Peterka, J. J. SURVIVAL AND GROWTH OF RAINBOW TROUT (/SALMO GAIRDNERI/) IN FOUR PRAIRIE LAKES, NORTH DAKOTA. *J. Fish. Res. Board Can.* 33(5):1192-1195. May 1976. In English with French summ. SFA 21(2)

71-012886 Nelson, W. C. COMPARATIVE LIMNOLOGY OF SOME MOUNTAIN LAKES OF COLORADO. *J. Colo.-Wyo. Acad. Sci.* 9(1):10. Apr. 1977. SFA 22(4)

71-012887 O"Neal, R. P. THE POTENTIAL FOR COMMERCIAL HARVEST OF UNDERUTILIZED FISH IN INLAND LAKES IN MICHIGAN. *M.S. thesis, Mich. State Univ.* 126p. 1978. From Masters Abstr. 17(4):241. Dec. 1979. SFA 25(2)

71-012888 Otto, C. THE EFFECTS ON A PIKE (/ESOX LUCIUS/ L.) POPULATION OF INTENSIVE FISHING IN A SOUTH SWEDISH LAKE. *J. Fish Biol.* 15(4):461-468. Oct. 1979. SFA 25(1)

71-012889 Patriarche, M. H. BIOLOGICAL BASIS FOR MANAGEMENT OF LAKE WHITEFISH IN THE MICHIGAN WATERS OF NORTHERN LAKE MICHIGAN. *Trans. Am. Fish. Soc.* 106(4):295-308. July 1977. SFA 22(4)

71-012890 Powell, D. H. MANAGEMENT OF LARGEMOUTH BASS IN ALABAMA'S STATE-OWNED PUBLIC FISHING LAKES. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 386-390. 1975. SFA 21(3)

71-012891 Priegel, G. R. and Wirth, T. L. LAKE STURGEON POPULATIONS, GROWTH, AND EXPLOITATION IN LAKES POYGAN, WINNECONNE, AND LAKE BUTTE DES MORTS, WISCONSIN. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 107. 23p. 1978. SFA 24(2)

71-012892 Regier, H. A. CHANGES IN SPECIES COMPOSITION OF GREAT LAKES FISH COMMUNITIES CAUSED BY MAN. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:558-566. 1979. SFA 25(1)

71-012893 Reich, K. LAKE KINNERET FISHING IN ITS DEVELOPMENT. *Bamidgeh* 30(2):37-64. June 1978. SFA 24(1)

71-012894 Reich, K. PROBLEMS OF FISHERIES RESEARCH IN LAKE KINERET. *Bamidgeh* 28(1/2):3-11. 1976. SFA 21(3)

71-012895 Robertson, A. and Jenkins, C. F. THE JOINT CANADIAN-AMERICAN STUDY OF LAKE ONTARIO. *Ambio* 7(3):106-112. 1978. SFA 23(4)

71-012896 Rosner, M. H. IMPACT UPON LOCAL PROPERTY TAXES OF ACQUISITIONS WITHIN THE ST. CROIX RIVER STATE FOREST IN BURNETT AND POLK COUNTIES. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 101. 24p. 1977. SFA 23(1)

71-012897 Schneider, J. C. and R. N. Lockwood. EFFECTS OF REGULATIONS ON THE FISHERIES OF MICHIGAN LAKES, 1946-65. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1872. 247p. 20 Nov. 1979. SFA 25(2)

71-012898 Schneider, J. C. HISTORY OF THE WALLEYE FISHERIES OF SAGINAW BAY, LAKE HURON. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1850. 16p. 14 Nov. 1977. SFA 23(3)

71-012899 Shupp, B. D. CHAUTAUQUA MUSKELLUNGE: MOST VALUABLE IN THE WORLD? *Conservationist* 32(5):32-36. Mar.-Apr. 1978. SFA 23(2)

71-012900 Siddiqui, A. Q. CHANGES IN FISH SPECIES COMPOSITION IN LAKE NAIVASHA, KENYA. *Hydrobiologia* 64(2):131-138. 1 June 1979. SFA 24(4)

71-012901 Siddiqui, A. Q. LAKE NAIVASHA (KENYA, EAST AFRICA) FISHERY AND ITS MANAGEMENT TOGETHER WITH A NOTE ON THE FOOD HABITS OF FISHES. *Biol. Conserv.* 12(3):217-228. Nov. 1977. SFA 23(1)

71-012902 Smith, S. A.; Knauer, D. R. and Wirth, T. L. AERATION AS A LAKE MANAGEMENT TECHNIQUE. *Wis. Dep. Nat. Resour., Tech. Bull.* No. 87. 41p. 1975. SFA 21(2)

71-012903 Stuart, S. A.; McFeters, G. A.; Schillinger, J. E. and Stuart, D. G. AQUATIC INDICATOR BACTERIA IN THE HIGH ALPINE ZONE. *Appl. Environ. Microbiol.* 31(2):163-167. Feb 1976. SFA 21(4)

71-012904 Swierzowska, L. CHANGES OF EEL EXPLOITATION IN POLISH LAKES. *Aquaculture* 20(1):71-75. May 1980. SFA 25(3)

71-012905 Todd, P. LAKE ELLESMERE - HOME FOR MOST NZ EELS. *Riv. It. Piscic. Ittiop.* 13(3):75-77. July-Aug.-Sept. 1978. In English and Italian. SFA 24(1)

71-012906 Toews, D. R. and Griffith, J. S. EMPIRICAL ESTIMATES OF POTENTIAL FISH YIELD FOR THE LAKE BANGWEULU SYSTEM, ZAMBIA, CENTRAL AFRICA. *Trans. Am. Fish. Soc.* 108(3):241-252. May 1979. SFA 24(4)

71-012907 Turner, J. L. SOME EFFECT OF DEMERSAL TRAWLING IN LAKE MALAWI (LAKE NYASA) FROM 1968 TO 1974. *J. Fish Biol.* 10(3):261-271. Mar. 1977. SFA 22(3)

71-012908 Weglenska, T.; Dusoge, K.; Ejsmont-Karabin, J.; Spodniewska, I. and Zachwieja, J. EFFECT OF WINTER-KILL AND CHANGING FISH STOCK ON THE BIOCENOSE OF THE POND-TYPE LAKE WARNIAK. *Ekol. Pol.* 27(1):39-70. 1979. SFA 24(4)

71-012909 Whillans, T. H. HISTORIC TRANSFORMATIONS OF FISH COMMUNITIES IN THREE GREAT LAKES BAYS. *J. Great Lakes Res.* 5(2):195-215. 1979. SFA 25(1)

71-012910 Wilbur, R. L. TWO TYPES OF FISH ATTRACTORS COMPARED IN LAKE TOHOPEKALIGA, FLORIDA. *Trans. Am. Fish. Soc.* 107(5):689-695. Sept. 1978. SFA 24(1)

71-012911 Zarbock, W. M. FISH, FISHERIES, AND WATER QUALITY OF THE GREAT LAKES BASIN. *Fisheries (Bull. Am. Fish. Soc.)* 2(2):2-4, 26-33. Mar.-Apr. 1977. SFA 22(4)

RIVER AND STREAM MANAGEMENT AND RESEARCH

71-012912 Acara, A. H. THE MEADOW CREEK SPAWNING CHANNEL. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 744. v + 91p. Nov. 1977. In English with French summ. SFA 23(2)

71-012913 Alexander, G. R.; Buc, W. J. and Schnicke, G. T. TRENDS IN ANGLING AND TROUT POPULATIONS IN THE FROM MAIN AU SABLE AND NORTH BRANCH AU SABLE RIVERS FROM 1959 THROUGH 1976. *Mich. Dep. Nat. Resour. Fish Res. Rep.* No. 1865. 59p. 11 June 1979. SFA 25(1)

71-012914 Anonymous. TEN-YEAR PROJECT TO RESTORE CANADIAN SALMON RUN. *Fish Farming Int.* 3(2):11-13. June 1976. SFA 22(4)

71-012915 Balirwa, J. S. and F. W. B. Bugenyi. NOTES ON THE FISHERIES OF THE RIVER NZOIA, KENYA. *Biol. Conserv.* 18(1):53-58. June 1980. SFA 25(4)

71-012916 Bayha, K. INSTREAM FLOW METHODOLOGIES FOR REGIONAL AND NATIONAL ASSESSMENTS. *U.S. Fish Wildl. Serv.* FWS/OBS-78/61. xii + 98p. Dec. 1978. SFA 25(2)

71-012917 Berg, R. SPOONBILL. *Mont. Outdoors* 11(3):11-13, 21-22. Mar.-Apr. 1980. SFA 25(2)

71-012918 Binns, N. A. and Eiserman, F. M. QUANTIFICATION OF FLUVIAL TROUT HABITAT IN WYOMING. *Trans. Am. Fish. Soc.* 108(3):215-228. May 1979. SFA 24(4)

71-012919 Binns, N. A. and Eiserman, F. M. A PREDICTIVE MODEL FOR QUANTIFICATION OF FLUVIAL TROUT HABITAT. *J. Colo.-Wyo. Acad. Sci.* 9(1):8-9. Apr. 1977. SFA 22(4)

71-012920 Bjornn, T. C. THE ST. JOE RIVER CUTTHROAT FISHERY--A CASE HISTORY OF ANGLER PREFERENCE. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 55:187-194. July 1975. SFA 22(3)

71-012921 Blackett, R. F. ESTABLISHMENT OF SOCKEYE (/ONCORHYNCHUS NERKA/) AND CHINOOK (/O. TSHAWYTSCHA/) SALMON RUNS AT FRAZER LAKE, KODIAK ISLAND, ALASKA. *J. Fish. Res. Board Can.* 36(10):1265-1277. Oct. 1979. In English with French summ. SFA 25(1)

71-012922 Boaze, J. L. AN EVALUATION OF THE SOUTH PLATTE RIVER FISH POPULATION BETWEEN DECKERS AND SOUTH PLATTE, COLORADO. *U.S. Fish Wildl. Serv., Salt Lake City, Utah* 30p. 1977. SFA 23(1)

71-012923 Bodi, F. L. PROTECTING COLUMBIA RIVER SALMON UNDER THE ENDANGERED SPECIES ACT. *Environ. Law* 10(2):349-387. 1980. SFA 25(4)

71-012924 Bovee, K. ASSESSMENT AND IMPLEMENTATION OF "IN-STREAM VALUE STUDIES" FOR THE NORTHERN GREAT PLAINS. *Proc. Fort Union Coal Field Symp.* Vol 2. p. 112-123. Apr. 1975. SFA 23(1)

71-012925 Bovee, K.; Gore, J. and Silverman, A. FIELD TESTING AND ADAPTATION OF A METHODOLOGY TO MEASURE "IN-STREAM" VALUES IN THE TONGUE RIVER, NORTHERN GREAT PLAINS (NGP) REGION. *U.S. Environ. Prot. Agency, Denver,* Contract No. 68-01-2653. v + 27p. Mar. 1977. SFA 23(2)

71-012926 Bowers, W.; B. Hosford; A. Oakley and C. Bond. WILDLIFE HABITATS IN MANAGED RANGELANDS--THE GREAT BASIN OF SOUTHEASTERN OREGON. NATIVE TROUT. *U.S. For. Serv. Pac. Northwest For. Range Exp. Stn. Gen. Tech. Rep.* PNW-84. 16p. 1979. SFA 25(2)

71-012927 Burns, D. C. THE IMPORTANCE OF THREE HABITAT TYPES TO RAINBOW TROUT (/SALMO GAIRDNERI/) IN SAND SPRINGS CREEK, IDAHO. *Ph.D. dissertation, Univ. Idaho* 67p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(10), 1976. SFA 21(2)

71-012928 Chasan, D. J. HANDS ACROSS THE BORDER. SALMON OF THE FRASER. *Pac.. Search* 11(6):10-12. Apr. 1977. SFA 22(3)

71-012929 Cooper, A. C. EVALUATION OF THE PRODUCTION OF SOCKEYE AND PINK SALMON AT SPAWNING AND INCUBATION CHANNELS IN THE FRASER RIVER SYSTEM. *Int. Pac. Salmon Fish. Comm. Prog. Rep.* No. 36. 80p. 1977. SFA 23(1)

71-012930 Cutting, R. E. and Meister, A. L. MAINE RIVERS: THE PENOBSCOT. *Maine Fish Wildl.* 20(2):22-25. 1978. SFA 23(4)

71-012931 Dewsnup, R. L. and Jensen, D. W. STATE LAWS AND INSTREAM FLOWS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/27. vi + 72p. Mar. 1977. SFA 24(1)

71-012932 Dewsnup, R. L.; Jensen, D. W.; Hoban, E.; Horak, G.; Lewis, M. and Nelson, W. PROMISING STRATEGIES FOR RESERVING INSTREAM FLOWS. *U.S. Fish Wildl. Serv.* FWS/OBS-77/29. xiv + 63p. Oct. 1977. SFA 24(1)

71-012933 Dorfman, D. SENEGAL RIVER, AFRICA: FISHES OR DAMS? *Underwater Nat.* 12(2):4-6. 1980. SFA 25(2)

71-012934 Dudley, R. G. and R. J. Scully. CHANGES IN EXPERIMENTAL GILLNET CATCHES FROM THE KAFUE FLOODPLAIN, ZAMBIA, SINCE CONSTRUCTION OF THE KAFUE GORGE DAM. *J. Fish Biol.* 16(5):521-537. May 1980. SFA 25(4)

71-012935 Duff, D. A. and Cooper, J. L. TECHNIQUES FOR CONDUCTING STREAM HABITAT SURVEYS ON NATIONAL RESOURCE LAND. *U.S. Dep. Interior Bur. Land Manage. Tech. Note* 283. 73p. June 1976. SFA 24(2)

71-012936 Dumas, J. LES SAUMONS (*SALMO SALAR* L.) ADULTES DE LA NIVELLE (PYRENEES-ATLANTIQUES) EN 1977. DEBUT DE RESTAURATION AVEC DES SMOLTS D'ELEVAGE D'ORIGINE ECOSSAISE. [THE 1977 SALMON (*SALMO SALAR* L.) RUN IN THE RIVER NIVELLE (PYRÉNÉNEES-ATLANTIQUES). FIRST SUCCESSFUL ATTEMPTS AT REHABILITATION WITH STOCKING OF HATCHERY-REARED SMOLTS OF SCOTISH ORIGIN.] *Ann. Limnol.* 15(2):223-238. 1979. In French with English summ. SFA 25(2)

71-012937 Edginton, J. and Larson, R. REVISED ANADROMOUS STREAM CATALOG OF SOUTHEASTERN ALASKA. *Alaska Dep. Fish Game Tech. Data Rep.* No. 42. 665p. 1979. SFA 24(4)

71-012938 Eiserman, F. MAINTAINING OUR FISHERIES. *Wyo. Wildl.* 42(11):38-41. Nov. 1978. SFA 24(1)

71-012939 Ellis, J. M.; G. B. Farabee and J. B. Reynolds. FISH COMMUNITIES IN THREE SUCCESSIONAL STAGES OF SIDE CHANNELS IN THE UPPER MISSISSIPPI RIVER. *Trans. Mo. Acad. Sci.* 13:5-20. 1979. SFA 25(3)

71-012940 Ellis, R. J. and McNeil, W. J. POSSIBLE MANAGEMENT PROCEDURES FOR INCREASING PRODUCTION OF SOCKEYE SALMON SMOLTS IN THE NAKNEK RIVER SYSTEM, BRISTOL BAY, ALASKA. *NOAA Tech. Rep. NMFS SSRF* 733. iii + 9p. Apr. 1979. SFA 24(3)

71-012941 Elser, A. A. FISH DISTRIBUTION AND DIVERSITY OF A MONTANA PRAIRIE STREAM. *Proc. Fort Union Coal Field Symp.* Vol. 2. p. 124-137. Apr. 1975. SFA 23(1)

71-012942 Estes, R. D.; Harshbarger, T. and Pardue, G. B., (compilers). ABSTRACTS OF PAPERS PRESENTED. BROOK TROUT WORKSHOP. *Tenn. Coop. Fish. Res. Unit, Tenn. Tech. Univ., Cookeville* 44p. Dec. 1978. SFA 24(4)

71-012943 Fajen, O. POPULATION DYNAMICS OF BASS IN RIVERS AND STREAMS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 195-203. 1975. SFA 21(3)

71-012944 Fatora, J. R. STREAM TROUT FISHERY MANAGEMENT IN THE SOUTHEASTERN UNITED STATES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:280-284. 1976[1978]. SFA 24(1)

71-012945 Fay, S. SALMON RECAPTURE CONNECTICUT. *Nat. Hist.* 87(10):38-45. Dec. 1978. SFA 24(1)

71-012946 Funk, J. L. and Pflieger, W. L. COURTOIS CREEK, A SMALLMOUTH BASS STREAM IN THE MISSOURI OZARKS. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 224-230. 1975. SFA 21(3)

71-012947 Funk, J. L. EVALUATION OF THE SMALLMOUTH BASS POPULATION AND FISHERY IN COURTOIS CREEK. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 257-269. 1975. SFA 21(3)

71-012948 Funk, J. L. STRUCTURE OF FISH COMMUNITIES IN STREAMS WHICH CONTAIN BASS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 140-153. 1975. SFA 21(3)

71-012949 Funk, J. L. THE FISHERY OF BLACK RIVER, MISSOURI 1947-1957. *Mo. Dep. Conserv. Aquatic Ser.* No. 12. 22p. Jan. 1975. SFA 21(1)

71-012950 Gerstung, E. R. CALIFORNIA WILD TROUT MANAGEMENT PROGRAM: HAT CREEK MANAGEMENT PLAN. *Calif. Dep. Fish Game* 53p. Sept. 1975. SFA 21(1)

71-012951 Gore, J. A. A TECHNIQUE FOR PREDICTING IN-STREAM FLOW REQUIREMENTS OF BENTHIC MACROINVERTEBRATES. *Freshwater Biol.* 8(2):141-151. Apr. 1978. SFA 23(3)

71-012952 Goulding, M. THE ECOLOGY AND MANAGEMENT OF THE RIO MADEIRA FISHERIES. *Ph.D dissertation, Univ. Calif. (Los Angeles)* 341p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2643. Dec. 1978. SFA 24(2)

71-012953 Graham, K. PADDLEFISH: GOOD NEW AND BAD NEWS... *Mo. Conserv.* 41(3):20-22. Mar. 1980. SFA 25(2)

71-012954 Graham, P. J.; R. F. Penkal and L. Peterman. AQUATIC STUDIES OF THE YELLOWSTONE RIVER. *U.S. Dep. Interior Bur. Reclam.* REC-ERC-79-8. vi + 80p. July 1979. SFA 25(2)

71-012955 Hames, R. L., (ed.) A GENERAL SURVEY OF THE FISHERIES RESOURCES OF THE THAMES RIVER WATERSHED, CONNECTICUT. *Univ. Conn. Storrs Agric. Exp. Stn. Bull.* 435. ii + 110p. May 1975. SFA 21(1)

71-012956 Hume, D. J. CENSUS OF FISH IN THE TULLAROOP CREEK SYSTEM, VICTORIA. *Victoria Fish. Wildl. Pap.* No. 19. 12p. Feb. 1979. SFA 24(3)

71-012957 Kalnicky, R. A. RECREATIONAL USE OF SMALL STREAMS IN WISCONSIN. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 95. 20p. 1976. SFA 22(3)

71-012958 Kmiotek, S. BUY A TROUT STAMP. TWO-FIFTY TO SAVE A STREAM. *Wis. Nat. Resour.* 1(6):28-29. Nov.-Dec. 1977. SFA 23(1)

71-012959 Kubicek, P. F. EVALUATION OF THE EFFECTS OF DIFFERENT STREAMFLOW RELEASES ON TROUT HABITAT BELOW HYDROELECTRIC DIVERSION DAMS: TWO CASE STUDIES. *Cal-Neva Wildl.* 1979:55-68. 1979. SFA 25(2)

71-012960 Kuznetsov, V. A. and N. I. Fadeyev. SOME FEATURES OF THE REPRODUCTION OF FISHES IN PARTS OF THE VOLGA BEFORE AND AFTER FLOW REGULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(1):81-90. 1979. SFA 25(3)

71-012961 Lamb, B. L. and D. A. Sweetman, eds. GUIDELINES FOR PREPARING EXPERT TESTIMONY IN WATER MANAGEMENT DECISIONS RELATED TO INSTREAM FLOW ISSUES. *U.S. Fish Wildl. Serv.* FWS/OBS-79/37. iii + 32p. Sept. 1979. SFA 25(2)

71-012962 Landau, J. C. EMPTY VICTORIES: INDIAN TREATY FISHING RIGHTS IN THE PACIFIC NORTHWEST. *Environ. Law* 10(2):413-456. 1980. SFA 25(4)

71-012963 Lennon, R. E. BRINGING BACK THE ATLANTIC SALMON. *Natl. Parks Conserv. Mag.* 50(8):15-19. Aug. 1976. SFA 22(1)

71-012964 Livingston, R. J. and Joyce, E. A., Jr., (eds.). PROCEEDINGS OF THE CONFERENCE ON THE APALACHICOLA DRAINAGE SYSTEM, 23-24 APRIL 1976, GAINESVILLE, FLORIDA. *Fla. Mar. Res. Publ.* No. 26. 177p. Apr. 1977. SFA 23(1)

71-012965 Mason, J. C. RESPONSE OF UNDERYEARLING COHO SALMON TO SUPPLEMENTAL FEEDING IN A NATURAL STREAM. *J. Wildl. Manage.* 40(4):775-788. Oct. 1976. SFA 22(2)

71-012966 Mauney, M. ASSESSMENT OF THE IMPACT OF A SHALLOW RESERVOIR ON BENTHIC MACROINVERTEBRATE AND FISH COMMUNITIES OF A SECOND ORDER STREAM IN THE VIRGINIA PIEDMONT. *Univ. Ph.D. dissertation, Va. Polytech. Inst. State* 161p. 1979. Nov. 1979. SFA 25(1) From Diss. Abstr. Int. B Sci. Eng. 40(5):2034.

71-012967 McArthur-Phillips, M. ODD MAN OUT: IDAHO'S BID FOR A FAIR SHARE OF COLUMBIA RIVER UPRIVER ANADROMOUS FISH STOCKS. *Environ. Law* 10(2):389-411. 1980. SFA 25(4)

71-012968 McNatt, R. M. FISH HABITAT LOSS IN THE SAN PEDRO RIVER, ARIZONA. *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:19-23. 30 Jan. 1980. In English with Spanish summ. SFA 25(3)

71-012969 McPherson, B. MORE ON THE ROGUE. *Oreg. Wildl.* 35(9):10-11. Sept. 1980. SFA 25(4)

71-012970 Miller, M.; Hartman, B. and Dunford, D. FISH AND WILDLIFE VALUES OF THE APALACHICOLA RIVER AND FLOODPLAIN. *Fla. Mar. Res. Publ.* No. 26. p. 122-129. Apr. 1977. SFA 23(1)

71-012971 Moffitt, C. M. RECOLONIZATION OF AMERICAN SHAD, /ALOSA SAPIDISSIMA/ (WILSON) ABOVE RAINBOW DAM FISHLADDER, FARMINGTON RIVER, CONNECTICUT. *Ph.D. dissertation, Univ. Mass.* 144p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(3):1045. Sept. 1979. SFA 25(1)

71-012972 Montana Department of Fish and Game. INSTREAM FLOW EVALUATION FOR SELECTED STREAMS IN THE UPPER MISSOURI RIVER BASIN. *Mont. Dep. Fish Game* 254p. 16 Mar. 1979. SFA 24(4)

71-012973 Nelva, A.; H. Persat and D. Chessel. UNE NOUVELLE MÉTHODE D'ÉTUDE DES PEUPLEMENTS ICHTYOLOGIQUES DANS LES GRANDS COURS D'EAU PAR ÉCHANTILLONNAGE PONCTUEL D'ABONDANCE. [A NEW METHOD FOR INVESTIGATING FISH POPULATIONS IN LARGE STREAMS BY MULTIPLE POINT ABUNDANCE SAMPLING.] *C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat.* 289(16):1295-1298. Dec. 1979. SFA 25(2)

71-012974 Orsborn, J. F. and Allman, C. H., (eds.). PROCEEDINGS OF THE SYMPOSIUM AND SPECIALTY CONFERENCE ON INSTREAM FLOW NEEDS (2 VOL.). *Am. Fish. Soc., Bethesda, Md.* 551p. (Vol. 1); 657p. (Vol. 2). Sept. 1976. SFA 23(1)

71-012975 Peterman, L. G. THE ECOLOGICAL IMPLICATIONS OF YELLOWSTONE RIVER FLOW RESERVATIONS. *Mont. Dep. Fish Game* ix + 70p. May 1979. SFA 24(4)

71-012976 Platts, W. S. and S. B. Martin. RETURN OF THE SOUTH FORK SALMON. *Idaho Wildl.* 2(4):2-9. July-Aug. 1980. SFA 25(4)

71-012977 Platts, W. S. GEOMORPHIC AND AQUATIC CONDITIONS INFLUENCING SALMONIDS AND STREAM CLASSIFICATION IN THE SALMON RIVER DRAINAGE, IDAHO, 1970-1972. *Ph.D. dissertation, Utah State Univ.* 231p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(1), 1975. SFA 21(1)

71-012978 Pruitt, T. A. and Nadeau, R. L. RECOMMENDED STREAM RESOURCE MAINTENANCE FLOWS ON SEVEN SOUTHERN IDAHO STREAMS. *U.S. Fish Wildl. Serv. Instream Flow Inf. Pap.* No. 8. vii + 60p. June 1978. SFA 24(2)

71-012979 Rascheperin, V. K.; Kochanov, B. T. and Davydov, A. D. TO THE EXPERIMENTS ON REGULATED FISH MANAGEMENT IN THE WATERSHED OF THE SEA OF AZOV. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:215-217. 1974[1977]. SFA 24(4)

71-012980 Rehwinkel, B. J. THE FISHERY FOR PADDLEFISH AT INTAKE, MONTANA DURING 1973 AND 1974. *Trans. Am. Fish. Soc.* 107(2):263-268. Mar. 1978. SFA 23(3)

71-012981 Reice, S. R. THE EFFECTS OF FISH MANIPULATIONS AND DETRITUS LOAD ON WOODLAND STREAM ECOSYSTEMS. *Bull. Ecol. Soc. Am.* 61(2):98. June 1980. Abstract only. SFA 25(4)

71-012982 Robinson, J. L. and M. A. Smith. STREAM MORPHOLOGY IN TWO ADJACENT GRAZING SYSTEMS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:28-31. 1980. SFA 25(4)

71-012983 Robinson, J. W. THE MISSOURI RIVER FISHERY ... *Mo. Conserv.* 41(1):16-18. Jan. 1980. SFA 25(2)

71-012984 Ryck, F., Jr. THE EFFECT OF SCOURING FLOODS ON THE BENTHOS OF BIG BUFFALO CREEK, MISSOURI. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:36-45. 1975[1976]. SFA 22(3)

71-012985 Saiki, M. K. AN ECOLOGICAL EVALUATION OF GAME FISHES AT DEER ISLAND LAKE, LOWER COLORADO RIVER. *Ph.D. dissertation, Univ. Ariz.* 261p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 23(1)

71-012986 Sherwood, T.; D. Febinger and J. T. Windell. A HABITAT MANAGEMENT PLAN FOR THE ST. VRAIN WATERSHED BASED ON STREAM ORDER ANALYSIS. *J. Colo.-Wyo. Acad. Sci.* 12(1):13-14. Apr. 1980. Abstract only. SFA 25(2)

71-012987 Smith, B. H. NOT ALL BEAVER ARE BAD; OR, AN ECOSYSTEM APPROACH TO STREAM HABITAT MANAGEMENT, WITH POSSIBLE SOFTWARE APPLICATIONS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:32-37. 1980. SFA 25(4)

71-012988 Sutherland, A. J. and Ogle, D. G. EFFECT OF JET BOATS ON SALMON EGGS. *N. Z. J. Mar. Freshwater Res.* 9 (3): 273-282. Sept. 1975. SFA 21(3)

71-012989 Tennant, D. L. INSTREAM FLOW REGIMENS FOR FISH, WILDLIFE, RECREATION AND RELATED ENVIRONMENTAL RESOURCES. *Fisheries (Bull. Am. Fish. Soc.)* 1(4):6-10. July-Aug. 1976. SFA 21(3)

71-012990 Terrell, T. T. and McConnell, W. J., (eds.). STREAM CLASSIFICATION 1977: PROCEEDINGS OF A WORKSHOP HELD AT PINGREE PARK, COLORADO 10-13 OCTOBER 1977. *U.S. Fish Wildl. Serv.* FWS/OBS-78/23. 45p. Apr. 1978. SFA 24(2)

71-012991 Theis, M. K. and Windell, J. T. ANALYSIS BY STREAM ORDER OF THREE COLORADO RIVERS WITH NORTH, SOUTH AND EASTERN DIRECTIONAL EXPOSURES. *J. Colo.-Wyo. Acad. Sci.* 11(1):9-10. Apr. 1979. Abstract only. SFA 24(3)

71-012992 Thurow, R. F. and Bjornn, T. C. RESPONSE OF CUTTHROAT TROUT POPULATIONS TO THE CESSATION OF FISHING IN ST. JOE RIVER TRIBUTARIES. *Idaho For. Wildl. Range Exp. Stn. Bull.* No. 25. iv + 35p. Feb. 1978. SFA 24(1)

71-012993 Troitskiy, S. K. THE FISH FAUNA AND COMMERCIAL IMPORTANCE OF THE LOWER REACHES OF THE NORTHERN DONETS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (3): 359-366. 1974. SFA 21(2)

71-012994 Vincent, D. THE MADISON RIVER: WHAT DOES THE FUTURE HOLD? *Mont. Outdoors* 10(4):31-33. July-Aug. 1979. SFA 24(4)

71-012995 Wassenberg, P. S.; S. Olive; J. L. Demott and C. B. Stalnaker. ELEMENTS IN NEGOTIATING STREAM FLOWS ASSOCIATED WITH FEDERAL PROJECTS. *U.S. Fish Wildl. Serv.* FWS/OBS-79/03. v + 41p. Aug. 1979. SFA 25(2)

71-012996 Welcomme, R. L., (compiler). FISHERY MANAGEMENT IN LARGE RIVERS. *FAO Fish. Tech. Pap.* No. 194. v + 60p. Apr. 1979. SFA 25(1)

71-012997 Wesche, T. MINIMUM STREAM FLOWS. *Wyo. Wildl.* 42(11):6-9, 25. Nov. 1978. SFA 24(1)

71-012998 Wiley, R. WESTERN WYOMING WATER DEVELOPMENT. *Wyo. Wildl.* 41(11):28-30. Nov. 1977. SFA 23(1)

71-012999 Wilson, J. RESEARCH PROJECT PROVIDES A SHOCKING LOOK AT MUSKY STREAMS. *Ky. Happy Hunting Ground* 36(4):10-15. July-Aug. 1980. SFA 25(4)

71-013000 Windell, J. T. COLORADO'S WATER RESOURCES, USES, ABUSES AND CURRENT STATUS. *Proc. Annu. Meet. Colo.-Wyo. Chapter Am. Fish. Soc.* 15:47-57. 1980. SFA 25(4)

71-013001 Winter, F. A. WHAT THE CIBOLA NATIONAL FOREST HAS DONE FOR THE ZUNI MOUNTAIN SUCKER, *PANTOSTEUS DISCOBOLUS YARROWI*. *Summ. Proc. Annu. Symp. Desert Counc.* 10:50. 30 Jan. 1980. Abstract only. SFA 25(3)

71-013002 Wishard, S. K. ROAK FISHING AND ITS PROBABLE EFFECTS ON THE CAPTURE FISHERY OF RIVER YAMUNA IN AGRA DISTRICT. *Indian J. Fish.* 23(1/2):213-231. 1976. SFA 25(2)

71-013003 Wydoski, R. S. and Duff, D. A. INDEXED BIBLIOGRAPHY ON STREAM HABITAT IMPROVEMENT. *U.S. Dep. Interior Bur. Land Manage. Tech. Note* 322. 34p. Oct. 1978. SFA 24(2)

71-013004 Wydoski, R. S.; K. Gilbert; K. Seethaler; C. W. McAda and J. A. Wydoski. ANNOTATED BIBLIOGRAPHY FOR AQUATIC RESOURCE MANAGEMENT OF THE UPPER COLORADO RIVER ECOSYSTEM. *U.S. Fish Wildl. Serv. Resour. Publ.* 135. ii + 186p. 1980. SFA 25(3)

71-013005 Zalumi, S. G. ON THE CAUSES OF VARIABLE FISH PRODUCTIVITY IN THE LOWER REACHES OF THE DNIEPER. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(4):659-663. 1976. SFA 23(1)

RIVER AND STREAM MANAGEMENT AND RESEARCH (CONTINUED)

71-013006 Zillis, P. J. and Windell, J. R. NUMBER, LENGTH, ELEVATION AND DIRECTIONAL EXPOSURE OF EPHEMERAL HEADWATER STREAMS IN COLORADO. *J. Colo.-Wyo. Acad. Sci.* 11(1):9. Apr. 1979. Abstract only. SFA 24(3)

FARM POND AND SMALL IMPOUNDMENT MANAGEMENT AND RESEARCH

71-013007 Arruda, J. A. A THEORETICAL AND EMPIRICAL STUDY OF TROPHIC DYNAMICS IN KANSAS FARM PONDS. *Trans. Kans. Acad. Sci.* 79:120-121. 1976. Abstract only. SFA 23(3)

71-013008 Ayles, G. B. and Barica, J. AN EMPERICAL METHOD FOR PREDICTING TROUT SURVIVAL IN CANADIAN PRAIRIE LAKES. *Aquaculture* 12(2):181-185. Oct. 1977. SFA 23(1)

71-013009 Barman, E. H., Jr. and Baarda, D. G. AN EVALUATION OF THE EFFECT OF DRAWDOWN ON THE TROPHIC STATUS OF A SMALL RESERVOIR. *Ga. Inst. Technol. Environ. Res. Cent.* ERC 01-78. ix + 73p. Jan. 1978. SFA 24(3)

71-013010 Barnes, M. D. AN EVALUATIION OF ARTIFICIAL CIRCULATION AS A MANAGEMENT TECHNIQUE FOR INCREASING BIOLOGICAL PRODUCTION AND FISH GROWTH IN A SMALL OHIO LAKE. *Ph.D. dissertation, Ohio State Univ.* 287p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5166 May 1978. SFA 23(3)

71-013011 Barwick, D. H. and Holcomb, D. E. RELATION OF LARGEMOUTH BASS REPRODUCTION TO CROWDED SUNFISH POPULATIONS IN FLORIDA PONDS. *Trans. Am. Fish. Soc.* 105(2):244-246. Mar. 1976. SFA 21(2)

71-013012 Baur, R. J.; Buck, D. H. and Rose, C. R. THREE YEARS OF EXPERIENCE WITH A CHANNEL CATFISH CATCHOUT POND IN ILLINOIS. *Trans. Am. Fish. Soc.* 105(2):247-253. Mar. 1976. SFA 21(2)

71-013013 Beyerle, G. B. RESULTS OF ATTEMPTS TO OPTIMIZE GROWTH AND SURVIVAL OF BLUEGILLS IN PONDS BY YEARLY POPULATION MANIPULATION. *Mich. Dep. Nat. Resour. Fish. Res. Rep.* No. 1856. 27p. 2 Dec. 1977. SFA 23(3)

71-013014 Bivings, A. E. IV; Noble, R. L. and Quinn, R. E. GROWTH OF LARGEMOUTH BASS FOLLOWING VEGETATION CONTROL AND THREADFIN SHAD INTRODUCTION. *Annu. Proc. Tex. Chap. Am. Fish. Soc.* 1:25-35. 1979[1978]. SFA 24(2)

71-013015 Carlander, K. D. HISTORY OF THE FISH POPULATION OF LAKE LAVERNE, IOWA STATE UNIVERSITY CAMPUS. *Iowa State J. Res.* 52(4):425-433. May 1978. SFA 23(3)

71-013016 Carline, R. F. FEATURES OF SUCCESSFUL SPAWNING SITE DEVELOPMENT FOR BROOK TROUT IN WISCONSIN PONDS. *Trans. Am. Fish. Soc.* 109(4):453-457. July 1980. SFA 25(4)

71-013017 Carline, R. F. and Brynildson, O. M. EFFECTS OF HYDRAULIC DREDGING ON THE ECOLOGY OF NATIVE TROUT POPULATIONS IN WISCONSIN SPRING PONDS. *Wis. Dep. Nat. Resour. Tech. Bull.* No. 98. 40p. 1977. SFA 23(3)

71-013018 Duever, M. J. BOTTOM AND SURFACE DISCHARGE REGIME EFFECTS IN A SMALL RESERVOIR. *Presented at the 39th Annu. Meeting, Am. Soc. Limnol. Oceanogr., Savannah, Ga., June 21-24, 1976.* 1976. SFA 21(2)

71-013019 Dunseth, D. R. and Bayne, D. R. RECRUITMENT CONTROL AND PRODUCTION OF /TILAPIA AUREA/ (STEINDACHNER) WITH THE PREDATOR, /CICHLASOMA MANAGUENSE/ (GUNTHER). *Aquaculture* 14(4):383-390. Aug. 1978. SFA 24(1)

71-013020 Ellison, D. G. and Heidinger, R. C. DYNAMICS OF HYBRID SUNFISH IN SOUTHERN ILLINOIS FARM PONDS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:82-87. 1976[1978]. SFA 24(1)

71-013021 Fong, S. DYNAMICS OF BASS-BLUEGILL POPULATIONS IN FARM PONDS. *Ph.D. dissertation, Auburn Univ.* 144p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(6):2453. Dec. 1979. SFA 25(2)

71-013022 Georgia Department of Natural Resources, Game and Fish Division. MANAGEMENT OF GEORGIA FISH PONDS. *Ga. Dep. Nat. Resour., Game Fish. Div.* 24p. 1976. SFA 21(2)

71-013023 Gipson, P. S.; Feit, D. E. and Morris, J. W. PONDS FOR NEBRASKANS. *Nebr. Game Parks Comm., Lincoln* 14p. 1975. SFA 21(1)

71-013024 Hackney, P. A. BASS POPULATIONS IN PONDS AND COMMUNITY LAKES. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 131-139. 1975. SFA 21(3)

71-013025 Harris, F. GOOD FISHING CLOSE TO HOME. THATS ONE OF THE GOALS IN AN EXTENSIVE PROGRAM TO IMPROVE FISHING IN OUR MANY CITY LAKES. *Wildl. N.C.* 42(8):14-17. Aug. 1978. SFA 23(4)

71-013026 Hess, L. THE EFFECT OF THE FIRST YEAR OF ARTIFICIAL HYPOLIMNION AERATION ON OXYGEN, TEMPERATURE AND THE DEPTH DISTRIBUTION OF RAINBOW TROUT (/SALMO GAIRDNERI/ RICHARDSON) IN SPRUCE KNOB LAKE. *Proc. W. Va. Acad. Sci.* 47(3-4):176-183. 1975. SFA 23(4)

71-013027 Hooper, A. D. ENHANCEMENT OF BASS PRODUCTION BY FERTILIZATION AND FEEDING. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 506-512. 1975. SFA 21(3)

FARM POND AND SMALL IMPOUNDMENT MANAGEMENT AND RESEARCH (CONTINUED)

71-013028 Hooper, G. R. and Reeves, W. C. SURVEY OF SUCCESS AND OWNER MANAGEMENT OF NORTH ALABAMA PONDS ONE ACRE AND LESS IN SIZE. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:260-264. 1975[1976]. SFA 22(3)

71-013029 Johnson, D. L. A COMPARISON OF FLORIDA AND NORTHERN LARGEMOUTH BASS IN MISSOURI. *Ph. D. dissertation, Univ. Mo.* 122p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(4), 1976 SFA 22(2)

71-013030 LaBolle, L. D., Jr. A LIMNOLOGICAL STUDY OF THE WINTER CONDITIONS IN WINCHESTER LAKE, IDAHO. *Univ. Idaho For. Wildl. Range Exp. Stn. Curt Berklund Undergrad. Honor. Self-Initiated Res.* p. 5-16. 1979. 25(3)

71-013031 Loker, J. L.; Streit, R. A.; Busch, L. S.; Lubbers, E. L. and Burger, Sr. J. M. PRODUCTIVITY INVESTIGATIONS OF A S.W. KANSAS POND. *Trans. Kans. Acad. Sci.* 81:160-161. 1978. Abstract only. SFA 24(4)

71-013032 McAffe, M. EFFECTS OF WATER DRAWDOWN ON THE FAUNA IN SMALL COLDWATER RESERVOIRS. *J. Colo.-Wyo. Acad. Sci.* 9(1):9-10. Apr. 1977. SFA 22(4)

71-013033 McCaig, Robert S. EFFECT OF SEA-RUN ALEWIVES ON RAINBOW TROUT AND BROWN TROUT IN RECLAIMED PONDS. *Prog. Fish-Cult.* 42(1):59-63. Jan. 1980. SFA 25(2)

71-013034 Nail, M. L. and Powell, D. H. OBSERVATIONS ON SUPPLEMENTAL FEEDING OF A 75-ACRE LAKE STOCKED WITH LARGEMOUGH BASS, BLUEGILL, REDEAR, AND CHANNEL CATFISH. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:378-384. 1975. SFA 21(3)

71-013035 Novinger, G. D. and Dillard, J. G., (eds.). NEW APPROACHES TO THE MANAGEMENT OF SMALL IMPOUNDMENTS. *North Cent. Div. Am. Fish. Soc. Spec. Publ.* No. 5. 133p. 1978. SFA 24(4)

71-013036 Panek, F. M. EFFECTS OF PREDATOR STOCKING ON A LARGEMOUTH BASS-BLUEGILL POND FISHERY. *Fla. Sci.* 41(4):252-255. 1978. SFA 24(2)

71-013037 Patterson, D. W. and Lines, I. L. EIGHT YEARS OF RECORD ON A MANAGED WARMWATER POND. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:336-352. July 1977. SFA 23(3)

71-013038 Powell, D. H. CHANNEL CATFISH AS AN ADDITIONAL SPORT FISH IN ALABAMA'S STATE-OWNED AND MANAGED PUBLIC FISHING LAKES. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:265-272. 1975[1976]. SFA 22(3)

71-013039 Rieger, P. W.; Summerfelt, R. C. and Gebhart, G. E. CATACHABILITY OF NORTHERN AND FLORIDA LARGEMOUTH BASS IN PONDS. *Prog. Fish-Cult.* 40(3):94-97. July 1978. SFA 24(1)

71-013040 Smith, B. W.; White, C. E., Jr. and Hooper, G. R. MANAGEMENT TECHNIQUES FOR LARGEMOUTH BASS IN ALABAMA PONDS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 380-385. 1975. SFA 21(3)

71-013041 Smitherman, R. O. EXPERIMENTAL SPECIES ASSOCIATIONS OF BASSES IN ALABAMA PONDS. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 76-84. 1975. SFA 21(3)

71-013042 Snow, J. R. FISH PRODUCTION IN A CENTRAL ALABAMA STOCK WATER POND. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:217-221. 1975. SFA 21(3)

71-013043 Warner, K. POPULATION AND FISHERY CHARACTERISTICS OF LANDLOCKED SALMON IN A SMALL MARINE LAKE. *Prog. Fish-Cult.* 40(2):56-58. Apr. 1978. SFA 23(3)

71-013044 Wyatt, G. W. THE EXPERIENCES OF THE TEXAS AGRICULTURAL EXTENSION SERVICE IN DEMONSTRATION STOCKING OF FARM PONDS FOR FISH PRODUCTION. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 5-9. 1978. SFA 24(1)

LARGE IMPOUNDMENT MANAGEMENT AND RESEARCH

71-013045 Adeniji, H. A. SOME ASPECTS OF THE LIMNOLOGY AND THE FISHERY DEVELOPMENT OF KAINJI LAKE, NIGERIA. *Arch. Hydrobiol.* 75(2):253-262. Mar. 1975. SFA 22(3)

71-013046 Aggus, L. R. and Lewis, S. A. ENVIRONMENTAL CONDITIONS AND STANDING CROPS OF FISHES IN PREDATOR-STOCKING-EVALUATION RESERVOIRS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:131-140. 1976[1978]. SFA 24(1)

71-013047 Allan, R. C. A BIOLOGICAL ASSESSMENT OF LARGEMOUTH BASS TOURNAMENTS IN SOUTHERN NEVADA. *Cal-Neva Wildl. Trans.* p. 122-126. 1978. SFA 24(3)

71-013048 Archer, D. L. and Loyacano, H. A., Jr. INITIAL AND DELAYED MORTALITIES OF LARGEMOUTH BASS CAPTURED IN THE 1973 NATIONAL KEOWEE B.A.S.S. TOURNAMENT. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:90-96. 1975. SFA 21(3)

71-013049 Axon, J. R. EVALUATION OF THE "TWO-STORY" TROUT FISHERY IN LAKE CUMBERLAND. *Ky. Dep. Fish Wildl. Resour., Fish. Bull.* No. 60. 69p. 1974. SFA 22(2)

71-013050 Axon, J. R. REVIEW OF COLDWATER FISH MANAGEMENT IN TAILWATERS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:351-355. 1975. SFA 21(3).

71-013051 Bailey, R. G.; Churchfield, S.; Petr, T. and Pimm, R. THE ECOLOGY OF THE FISHES IN NYUMBA YA MUNGU RESERVOIR, TANZANIA. *Biol. J. Linn. Soc.* 10(1):109-137. Mar. 1978. SFA 23(4)

71-013052 Balon, E. K. KARIBA: THE DUBIOUS BENEFITS OF LARGE DAMS. *Ambio* 7(2):40-48. 1978. SFA 23(3)

71-013053 Barr, W. C. THE USE OF COVE ROTENONE STUDIES FOR FISHERIES MANAGEMENT IN SOUTHERN RESERVOIRS. *Ph.D dissertation, Univ. Tenn.* 195p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(6):2639. Dec. 1978. SFA 24(2)

71-013054 Blake, B. F. LAKE KAINJI, NIGERIA; A SUMMARY OF THE CHANGES WITHIN THE FISH POPULATION SINCE THE IMPOUNDMENT OF THE NIGER IN 1968. *Hydrobiologia* 53(2):131-137. 4 Apr. 1977. SFA 22(3)

71-013055 Bruce, W. J. and Parsons, R. F. BIOLOGY OF THE FISHES OF OSSOKMANUAN RESERVOIR, LABRADOR, 1976. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 836. iv + 33p. May 1979. In English with French summ. SFA 25(1)

71-013056 Carver, D. C.; Hall, G. E. and Hall, J. F. HISTORY AND ORGANIZATION OF THE PREDATOR-STOCKING-REVALUATION BY THE RESERVOIR COMMITTEE, SOUTHERN DIVISION, AMERICAN FISHERIES SOCIETY. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:103-107. 1976[1978]. SFA 24(1)

71-013057 Central Inland Fisheries Research and Institute. REPORT ON DAL LAKE, SRINAGAR, KASHMIR WITH SUGGESTIONS FOR DEVELOPMENT OF ITS FISHERY. *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 24. 13. 15 Jan. 1977. SFA 24(1)

71-013058 Champeau, A.; Gregoire, A. and Brun, G. LE PEUPLEMENT PISCICOLE DES LACS ARTIFICIELS DU VERDON. [THE FISH POPULATION OF THE ARTIFICIAL LAKES OF VERDON.] *Ann. Limnol.* 14(3):245-271. 1978. In French with English summ. SFA 24(4)

71-013059 Chance, C. J.; Smith, A. O.; Holbrook, J. A. II and Fitz, R. B. NORRIS RESERVOIR: A CASE HISTORY IN FISH MANAGEMENT. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 399-407. 1975. SFA 21(3)

71-013060 Davies, B. R.; Hall, A. and Jackson, P. B. N. SOME ECOLOGICAL ASPECTS OF THE CABORA BASSA DAM. *Biol. Conserv.* 8(3):189-201. Nov. 1975. SFA 21(4)

71-013061 Dudley, R. G.; R. D. Quintrell and G. S. Beisser. HYPOLIMNIAL OXYGEN INJECTION: A BENEFIT TO DOWNSTREAM FISH POPULATIONS? *Environ. Biol. Fishes* 5(3):235-242. 29 Sept. 1980. SFA 25(4)

71-013062 Goodno, E. J. POST-IMPOUNDMENT LIMNOLOGY OF THE EAST LYNN LAKE TAILWATER, WEST VIRGINIA. *Proc. W. Va. Acad. Sci.* 47(3-4):170-176. 1975. SFA 23(4)

71-013063 Guthrie, R. C. and Stolgitis, J. A. FISHERIES INVESTIGATIONS AND MANAGEMENT IN RHODE ISLAND LAKES AND PONDS. *R.I. Div. Fish Wildl. Fish. Rep.* No. 3. 256p. Feb. 1977. SFA 22(4)

71-013064 Hanson, W. D. TAILWATER FISHERIES OF LAKE OF THE OZARKS AND POMME DE TERRE LAKE, MISSOURI. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:505-513. 1977[1979]. SFA 24(4)

71-013065 Healey, T. P. A REVIEW OF WHISKEYTOWN LAKE FISHERY MANAGEMENT FROM 1963-1975. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 77-2. 24p. Oct. 1977. SFA 23(2)

71-013066 Heitman, J. F. and M. J. Van den Avyle. SPECIES COMPOSITION, CATCH RATES, AND IMPACT OF A COMMERCIAL FISHERY ON STRIPED BASS IN WATTS BAR AND CHICKAMAUGA RESERVOIRS, TENNESSEE. *Proc. Annu. Conf. Southeast. Fish Wildl. Agencies* 32:576-587. 1978[1979]. SFA 25(2)

71-013067 Heitman, J. F. A NEW APPROACH TO RESERVOIR FISHERIES MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 5(1):18. Jan.-Feb. 1980. SFA 25(2)

71-013068 Hochman, L. and Hetesa, J. K PROBLEMATICE ZARYBNOVANI VODARENSKYCH NADRZI S VYSKYTEM NIZKYCH HODNOT PH. [ON THE PROBLEM OF STOCKING FISH TO WATER-SUPPLY RESERVOIRS WITH THE OCCURRENCE OF LOW PH VALUES.] *Vertebr. Zpravy* 1978:56-60. 1978. In Czech with English summ. SFA 24(3)

71-013069 Hoffman, R. DOCTORING BIG MAC. *Nebraskaland* 58(5):16-17, 43-44, 46. May 1980. SFA 25(3)

71-013070 Holcik, J. RYBY AKO LIMITUJUCI FAKTOR BIOMASY ZOOPLANKTONU, SO ZRETEL'OM NA VODARENSKE UDOLNE NADRZE. [FISH AS THE FACTOR LIMITING ZOOPLANKTON BIOMASS, WITH PARTICULAR REFERENCE TO WATER-SUPPLY RESERVOIRS.] *Vertebr. Zpravy* 1978:33-38. 1978. In Czech with English summ. SFA 24(3)

71-013071 Holden, P. B. WILL OUTLET MODIFICATION OF FLAMING GORGE DAM HELP THE COLORADO SQUAWFISH? *Summ. Proc. Annu. Symp. Desert Fish. Counc.* 10:37. 30 Jan. 1980. Abstract only. SFA 25(3)

71-013072 Hrbacek, J. LIMNOLOGICKE PODKLADY PRO POSUZOVANI VHODNOSTI UCELOVE RYBI OBSADKY VE VODARENSKYCH UDOLNICH NADRZICH. [LIMNOLOGICAL CRITERIA OF THE SUITABLENESS OF AIMED FISH POPULATIONS OF WATER SUPPLY RESERVOIRS.] *Vertebr. Zpravy* 1978:28-33. 1978. In Czech with English summ. SFA 24(3)

71-013073 Jenkins, R. M. BLACK BASS CROPS AND SPECIES ASSOCIATIONS IN RESERVOIRS. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 114-124. 1975. SFA 21(3)

71-013074 June, F. C. CHANGES IN YOUNG-OF-THE-YEAR FISH STOCKS DURING AND AFTER FILLING OF LAKE OAHE, AN UPPER MISSOURI RIVER STORAGE RESERVOIR, 1966-74. *U.S. Fish Wildl. Serv. Tech. Pap.* 87. 25p. 1976. SFA 22(2)

71-013075 Kaster, J. L. and Jacobi, G. Z. BENTHIC MACROINVERTEBRATES OF A FLUCTUATING RESERVOIR. *Freshwater Biol.* 8(3):283-290. June 1978. SFA 23(4)

71-013076 Keith, W. E. MANAGEMENT BY WATER LEVEL MANIPULATION. *IN H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 489-497. 1975. SFA 21(3)

71-013077 Kenmuir, D. H. S. FISH SPAWNING UNDER ARTIFICIAL FLOOD CONDITIONS ON THE MANA FLOOD-PLAIN, ZAMBEZI RIVER. *Trustees Nat. Mus. Monuments Kariba Stud. Pap.* No. 6. 12p. Jan. 1976. SFA 21(1)

71-013078 Kirka, A.; Bastl, I. and Holcik, J. ICHTYOCENOZY POVODIA VAHU V OBLASTI NADRZE LIPTOVSKA MARA, PROGNOZA FORMOVANIA JEJ ICHTYOFAUNY A NAVRH NA PRVOTNE ZARYBNENIE. [ICHTYOCENOSIS OF THE VAH BASIN IN THE REGION OF LIPTOVSKA MARA, PROGNOSIS FOR ICHTYOFAUNA DEVELOPMENT AND SUGGESTION FOR INITIATING FISHERIES THERE.] *Biol. Pr.* 22(4):8-79. 1976. In Czech with English and Russian summ. SFA 24(2)

71-013079 Kohler, C. C. TROPHIC ECOLOGY OF AN INTRODUCED, LAND-LOCKED ALEWIFE (*ALOSA PSEUDOHARENGUS*) POPULATION AND ASSESSMENT OF ALEWIFE IMPACT ON RESIDENT SPORTFISH AND CRUSTACEAN ZOOPLANKTON COMMUNITIES IN CLAYTOR LAKE, VIRGINIA. *Ph.D. dissertation, VPI&SU.* 208p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(3):806. Sept. 1980. SFA 25(4)

71-013080 Konstantinov, A. S.; Nikol'skiy, G. B.; Poddubnyy, A. G.; Romanenko, V. I.; Stroganov, N. S. and Yakavleva, A. N. INCREASING FISH PRODUCTION OF THE VOLGA RESERVOIRS UNDER CONDITIONS OF MULTIPLE-USE OF WATER RESOURCES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):204-216. 1976. SFA 22(3)

71-013081 Kral, K. ZKUSENOSTI S UCELOVYM RYBARSKYM HOSPODARENIM NA NEKTERYCH VODARENSKYCH NADRZICH VE SPRAVE PODNIKU POVODI MORAVY. [EXPERIENCE OBTAINED WITH AIMED FISHERY MANAGEMENT OF CERTAIN WATER-SUPPLY RESERVOIRS MANAGED BY THE POVODI MORAVY ENTERPRISE.] *Vertebr. Zpravy* 1978:54-55. 1978. In Czech with English summ. SFA 24(3)

71-013082 Loeffelman, P. H. and Buikema, A. L., Jr. EFFECT OF PUMPED-STORAGE OPERATION ON SEASONAL VARIATIONS OF ZOOPLANKTON POPULATIONS. *Va. J. Sci.* 27(2):47. 1976. Abstract only. SFA 21(4)

71-013083 Lusk, S. and Vostradovsky, J. RYBY A RYBARSKE HOSPODARENI VE VODARENSKYCH NADRZICH. [FISHES AND FISHERY MANAGEMENT OF WATER-SUPPLY RESERVOIRS.] *Vertebr. Zpravy* 1978:20-28. 1978. In Czech with English summ. SFA 24(3)

71-013084 Lusk, S. NAVRH UCELOVE RYBI OBSADKY PRO VODARENSKOU NADRZ SLUSOVICE II--KASAVA. [SUGGESTIONS FOR A FISH POPULATION TO BE STOCKED TO THE WATER-SUPPLY RESERVOIR SLUSOVICE II--KASAVA.] *Vertebr. Zpravy* 1978:50-54. 1978. In Czech with English summ. SFA 24(3)

71-013085 Lusk, S. VYVOJ UCELOVYCH RYBICH OBSADEK A RYBIHO OSIDLENI VE VODARENSKYCH NADRZICH OPĄTOVICE A LANDSTEJN. [DEVELOPMENT OF AIMED FISH POPULATIONS IN WATER-SUPPLY RESERVOIRS OPATOVICE AND LANDSTEJN.] *Vertebr. Zpravy* 1978:41-46. 1978. In Czech with English summ. SFA 24(3)

71-013086 Lusk, S.; Gajdusek, J. and Krcal, J. RYBARSKE OBHOSPODAROVANI STARSICH VODARENSKYCH NADRZI MOSTISTE, VIR A KORCANY. [FISHERY MANAGEMENT OF OLDER WATER-SUPPLY RESERVOIRS MOSTISTE, VIR AND KORYCANY.] *Vertebr. Zpravy* 1978:46-49. 1978. In Czech with English summ. SFA 24(3)

71-013087 Makhotin, Yu. M. THE SPAWNING EFFICIENCY OF FISHES IN KUYBYSHEV RESERVOIR AND FACTORS DETERMINING IT. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):24-35. 1977. SFA 23(3)

71-013088 Man, H. S. H. and Hodgkiss, I. J. STUDIES ON THE ICHTHYO-FAUNA IN PLOVER COVE RESERVOIR, HONG KONG: I. SEQUENCE OF FISH POPULATION CHANGES. *J. Fish Biol.* 10(5):493-503. May 1977. SFA 22(3)

71-013089 Martin, D. B. and Arneson, R. D. COMPARATIVE LIMNOLOGY OF A DEEP-DISCHARGE RESERVOIR AND A SURFACE-DISCHARGE LAKE ON THE MADISON RIVER, MONTANA. *Freshwater Biol.* 8(1):33-42. Feb. 1978. SFA 23(3)

71-013090 Martin, D. B. and Novotny, J. F. ZOOPLANKTON STANDING CROPS IN THE DISCHARGE OF LAKE FRANCIS CASE, 1966-1972. *Am. Midl. Nat.* 98(2):296-307. Oct. 1977. SFA 23(2)

71-013091 Mathew, P. M. LIMNOLOGY AND PRODUCTIVITY OF GOVINDGARH LAKE, REWA, MADHYA PRADESH. *J. Inland Fish. Soc. India* 7:16-24. Dec. 1975. SFA 24(3)

71-013092 Mayhew, J. THE EFFECTS OF FLOOD MANAGEMENT REGIMES ON LARVAL FISH AND FISH FOOD ORGANISMS AT LAKE RATHBUN. *Iowa Conserv. Comm. Fish. Res. Tech. Ser.* No. 77-2. v + 46p. June 1977. SFA 23(1)

71-013093 Momot, W. T.; Erickson, J. and Stevenson, F. MAINTENANCE OF A WALLEYE, /STIZOSTEDION VITREUM VITREUM/, FISHERY IN A EUTROPHIC RESERVOIR. *J. Fish. Res. Board Can.* 34(10):1725-1733. Oct. 1977. In English with French summ. SFA 23(1)

71-013094 Monkmeyer, P. L.; Hoopes, J. A.; Ho, J. C. and Clark, G. R. SELECTIVE WITHDRAWAL AND HEATED WATER DISCHARGE: INFLUENCE ON THE WATER QUALITY OF LAKES AND RESERVOIRS. PART I--SELECTIVE WITHDRAWAL. *Univ. Wis. Water Resour. Cent. Tech. Rep.* Wis. WRC 77-03. iv + 68p. 1977. SFA 22(4)

71-013095 Motwani, M. P. and Saigal, B. N. FISH FAUNA OF SARDA SAGAR RESERVOIR IN PILIBHIT (U.P.) AND SOME RECOMMENDATIONS FOR DEVELOPMENT OF RESERVOIR FISHERIES. *Indian J. Fish.* 21(1):109-119. 1974. SFA 23(2)

71-013096 Musina, N. Kh.; Prusevich, N. A. and Seleznev, V. V. PECULIARITIES IN THE FORMATION OF THE FISH FAUNA OF KAPCHAGAY RESERVOIR. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):9-15. 1977. SFA 23(3)

71-013097 Nelson, W. R. ECOLOGY OF LARVAL FISHES IN LAKE OAHE, SOUTH DAKOTA. *U.S. Fish Wildl. Serv. Tech. Pap.* 101. 18p. 1980. SFA 25(4)

71-013098 Otobo, F. O. THE FISH FAUNA CHANGES AND THE PLACE OF CLUPEIDS IN LAKE KAINJI, NIGERIA. *Hydrobiologia* 64(2):99-103. 1 June 1979. SFA 24(4)

71-013099 Paragamian, V. L. FISH POPULATION DEVELOPMENT IN TWO IOWA FLOOD CONTROL RESERVOIRS AND THE IMPACT OF FISH STOCKING AND FLOODWATER MANAGEMENT. *Iowa Cons. Comm. Fish. Res. Tech. Ser.* No. 77-1. v + 59p. June 1977. SFA 23(1)

71-013100 Petr, T. ON SOME FACTORS ASSOCIATED WITH THE INITIAL HIGH FISH CATCHES IN NEW AFRICAN MAN-MADE LAKES. *Arch. Hydrobiol.* 75(1):32-49. Feb. 1975. In English with German summ. SFA 22(3)

71-013101 Petr, T. TROPICAL MAN-MADE LAKES--THEIR ECOLOGICAL IMPACT. *Arch. Hydrobiol.* 81(3):368-385. 1978. SFA 23(3)

71-013102 Pirozhnikov, P. L. STUDIES ON THE BIOLOGICAL PRODUCTION IN RESERVOIRS (SOME RESULTS AND PROBLEMS). *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(3):353-363. 1976. SFA 22(4)

71-013103 Pivnicka, K. SUKCESE RYBICH DRUHU V UDOLNICH NADRZICH NA PRIKLADU UDOLNI VODARENSKE NADRZE KLICAVA. [SUCCESSION OF FISH SPECIES IN VALLEY RESERVOIRS, DEMONSTRATED ON THE EXAMPLE OF THE WATER-SUPPLY RESERVOIR KLICAVA.] *Vertebr. Zpravy* 1978:39-40. 1978. In Czech. SFA 24(3)

71-013104 Plumb, J. A.; Gaines, J. L. and Gennings, M. EXPERIMENTAL USE OF ANTIBIOTICS IN PREVENTING DELAYED MORTALITY IN A BASS TOURNAMENT ON LAKE SEMINOLE, GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:87-90. 1975. SFA 21(3)

71-013105 Pritchard, D. L.; May, O. D., Jr. and Rider, L. STOCKING OF PREDATORS IN THE PREDATOR-STOCKING-EVALUATION RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:108-113. 1976[1978]. SFA 24(1)

71-013106 Provine, W. C. COST/BENEFITS FROM THE ROTENONE RENOVATION OF A 485-HECTARE TEXAS RESERVOIR. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:216-221. 1976[1978]. SFA 24(1)

71-013107 Rideout, S. G. and Oates, P. H. POPULATION DYNAMICS OF SMALLMOUTH AND LARGEMOUTH BASS IN QUABBIN RESERVOIR. *In H. Clepper, ed. Black Bass Biology and Management. Sport Fishing Inst., Washington, D.C.* p. 216-221. 1975. SFA 21(3)

71-013108 Robertson, P. BIG BLUE. *S.C. Wildl.* 26(2):26-28. Mar.-Apr. 1979. SFA 24(3)

71-013109 Seidensticker, E. P. MORTALITY OF LARGEMOUTH BASS FOR TWO TOURNAMENTS UTILIZING A "DON'T KILL YOUR CATCH" PROGRAM. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:83-86. 1975. SFA 21(3)

71-013110 Sparrowe, R. D. HARRY S. TRUMAN DAM AND RESERVOIR--A CASE HISTORY OF PROBLEMS IN FISH AND WILDLIFE COORDINATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:42-55. 1977. SFA 23(1)

71-013111 Sreenivasan, A. FISH PRODUCTION AND FISH POPULATION CHANGES IN SOME SOUTH INDIAN RESERVOIRS. *Indian J. Fish.* 23(1/2):134-152. 1976. SFA 25(2)

71-013112 Stone, R. C. and Eiserman, F. BACKGROUND OF FLAMING GORGE RESERVOIR FISHERIES INVESTIGATIONS. *Utah State Div. Wildl. Resour. Publ.* No. 78-9. 13p. 1979. SFA 24(3)

71-013113 Suraswadi, P. NEWLY COVERED GRASS AS A HABITAT FOR FISH IN BUNG BORAPED, THAILAND. *Ph. D. dissertation, Univ. Manitoba* 1976. From Diss. Abstr. Int. B Sci. Eng. 37(11), 1977. SFA 22(3)

71-013114 Thomas, G. L. THE COMPARATIVE RESPONSES OF KOKANEE, LAKE WHITEFISH, AND YELLOW PERCH TO HYDROLOGICAL PERTURBATIONS IN BANKS LAKE, GRANT COUNTY, EASTERN WASHINGTON. *Ph.D. dissertation, Univ. Wash.* 186p. 1978. From Diss. Abstr. Int. B Sci. Eng. 39(5):2085. Nov. 1978. SFA 24(1)

71-013115 Timmons, T. J.; Shelton, W. L. and Davies, W. D. INITIAL FISH POPULATION CHANGES FOLLOWING IMPOUNDMENT OF WEST POINT RESERVOIR, ALABAMA-GEORGIA. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:312-317. 1977[1979]. SFA 24(4)

71-013116 Triplett, J. R. SEASONAL DISTRIBUTION AND SUCCESSIONAL TRENDS OF FISH IN A NEW COOLING RESERVOIR. *Ph.D. dissertation, Univ. Kans.* 153p. 1976. From Diss. Abstr. Int. B. Sci. Eng. 37(8), 1977. SFA 22(3)

71-013117 Tsyplakov, E. P. EXPANSION OF THE RANGES OF SOME FISHES IN CONNECTION WITH HYDRAULIC ENGINEERING WORKS ON THE VOLGA AND ACCLIMATIZATION OPERATIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):343-351. 1974. SFA 21(2)

71-013118 U.S. Fish and Wildlife Service. RESERVOIR ECOSYSTEMS AND WESTERN COAL DEVELOPMENT IN THE UPPER MISSOURI RIVER BASIN. A SUMMARY REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/25. 13p. 1978. SFA 24(1)

71-013119 U.S. Fish and Wildlife Service. RESERVOIR ECOSYSTEMS AND WESTERN COAL DEVELOPMENT IN THE UPPER MISSOURI RIVER BASIN. A SUMMARY REPORT. *U.S. Fish Wildl. Serv.* FWS/OBS-78/25. 13p. 1978. SFA 24(3)

71-013120 Van Velson, R. THE RAINBOW TROUT IN THE NORTH PLATTE VALLEY. *Nebr. Game Parks Comm., Lincoln* 14p. 1977. SFA 22(3)

71-013121 Vostradovsky, J. PROGNOZA VYVOJE RYBARSKYCH POMERU VE VODARENSKE NADRZI RIMOV. [FORECASTED DEVELOPMENT OF FISHERY RELATIONS IN THE WATER-SUPPLY RESERVOIR RIMOV.] *Vertebr. Zpravy* 1978:61-64. 1978. In Czech with English summ. SFA 24(3)

71-013122 Vovk, P. S. THE POSSIBILITY OF USING THE BIGHEAD CARP [/HYPOPHTHALMICHTHYS MOLITRIX/] TO INCREASE THE FISH PRODUCTION OF THE DNIEPER RESERVOIRS AND TO DECREASE EUTROPHICATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(3):351-358. 1974. SFA 21(2)

71-013123 Walburg, C. H. LAKE FRANCIS CASE, A MISSOURI RIVER RESERVOIR: CHANGES IN THE FISH POPULATION IN 1954-75, AND SUGGESTIONS FOR MANAGEMENT. *U.S. Fish Wildl. Serv. Tech. Pap.* 95. 12p. 1977. SFA 23(1)

71-013124 Walburg, C. H. CHANGES IN THE FISH POPULATION OF LEWIS AND CLARK LAKE, 1956-74, AND THEIR RELATION TO WATER MANAGEMENT AND THE ENVIRONEMTN. *U.S. Fish Wildl. Serv. Res. Rep.* 79:iv + 34p. 1976. SFA 21(1)

71-013125 Wegener, W. and Williams, V. FISH POPULATION RESPONSES TO IMPROVED LAKE HABITAT UTILIZING AN EXTREME DRAWDOWN *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 28:144-161. 1975. SFA 21(3)

71-013126 Weithman, A. S. and Anderson, R. O. ANGLING VULNERABILITY OF ESOCIDAE. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 30:99-102. 1976[1978]. SFA 24(1)

71-013127 Wiley, R. W. TRENDS IN FISH POPULATION, 1963 THROUGH 1976--14 YEARS OF GILLNETTING, FLAMING GORGE RESERVOIR. *Wyo. Game Fish Dep. Fish. Res. Rep. Monogr. Ser.* No. 1. p. 17-29. July 1978. SFA 24(2)

ESTUARY MANAGEMENT AND RESEARCH

71-013128 Balling, S. S.; T. Stoehr and V. H. Resh. THE EFFECTS OF MOSQUITO CONTROL RECIRCULATION DITCHES ON THE FISH COMMUNITY OF A SAN FRANCISCO BAY SALT MARSH. *Calif. Fish Game* 66(1):25-34. 1980. SFA 25(2)

71-013129 Herke, W. H. LIFE HISTORY CONCEPTS OF MOTILE ESTUARINE-DEPENDENT SPECIES SHOULD BE RE-EVALUATED. *W. H. Herke, Baton Rouge, LA* 101p. 1977. SFA 23(1)

71-013130 Johnston, J. B. and Barclay, L. A., (eds.). CONTRIBUTED PAPERS ON COASTAL ECOLOGICAL CHARACTERIZATION STUDIES, PRESENTED AT THE FOURTH BIENNIAL INTERNATIONAL ESTUARINE RESEARCH CONFERENCE, MT. POCONO, PA., 2-5 OCTOBER 1977. *U.S. Fish Wildl. Serv.* FWS/OBS-77/37. v + 66p. Apr. 1978. SFA 24(1)

71-013131 Knecht, R. W. COASTAL FISHERIES: AN EMERGING ELEMENT IN COASTAL ZONE MANAGEMENT. *Fisheries (Bull. Am. Fish. Soc.)* 2(6):8-9, 17. Nov.-Dec. 1977. SFA 23(2)

71-013132 Leaney, A. J. and Carter, N. M. INDEX: SPECIAL ESTUARY SERIES VOLUMES 1-6. *Fish. Environ. Can. Fish. Mar. Serv. Spec. Estuary Ser.* iv + 289p. Mar. 1979. SFA 24(3)

71-013133 Lenanton, R. C. J. FISH AND EXPLOITED CRUSTACEANS OF THE SWAN-CANNING ESTUARY. *West. Aust. Dep. Fish. Wildl. Rep.* no. 35. 36p. 1978. SFA 24(3)

71-013134 Lindall, W. N., Jr. and Saloman, C. H. ALTERATION AND DESTRUCTION OF ESTUARIES AFFECTING FISHERY RESOURCES OF THE GULF OF MEXICO. *Mar. Fish. Rev.* 39(4):1-7. Sept. 1977. SFA 23(1)

71-013135 Livingston, R. J.; Kobylinski, G. J.; Lewis, F. G. and Sheridan, P. F. LONG-TERM FLUCTUATIONS OF EPIBENTHIC FISH AND INVERTEBRATE POPULATIONS IN APALACHICOLA BAY, FLORIDA. *NOAA Fish. Bull.* 74(2):311-321. Apr. 1976. SFA 21(2)

71-013136 Lynch, M. P.; Laird, B. L.; Theberge, N. B. and Jones, J. C. , (eds.). AN ASSESSMENT OF ESTUARINE AND NEARSHORE MARINE ENVIRONMENTS. *Va. Inst. Mar. Sci. Spec. Rep. Appl. Mar. Sci. Ocean Eng.* No. 93. xvi + 132p. Mar. 1976. SFA 22(4)

71-013137 MacFarland, J. W. and Weinstein, R. S. THE NATIONAL ESTUARINE SANCTUARY PROGRAM. *Coast. Zone Manage. J.* 6(1):89-97. 1979. SFA 25(1)

71-013138 Powell, G. L. ESTUARINE FISHERY DYNAMICS AND FRESHWATER INFLOW FLUCTUATIONS IN THE SAN ANTONIO BAY SYSTEMS, TEXAS. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:498-504. 1977[1979]. SFA 24(4)

71-013139 Shaheen, A. H. and Yosef, S. F. THE EFFECT OF THE CESSATION OF NILE FLOOD ON THE FISHERY OF LAKE MANZALA, EGYPT. *Arch. Hydrobiol.* 85(2):166-191. 1979. In English with French summ. SFA 24(3)

71-013140 Shenker, J. M. and Dean, J. M. THE UTILIZATION OF AN INTERTIDAL SALT MARSCH CREEK BY LARVAL AND JUVENILE FISHES: ABUNDANCE, DIVERSITY AND TEMPORAL VARIATION. *Estuaries* 2(3):154-163. Sept. 1979. SFA 24(4)

71-013141 Stalter, R. PRESERVATION OF THE WANDO RIVER ESTUARY, SOUTH CAROLINA. *Environ. Conserv.* 4(1):26. 1977. SFA 22(3)

71-013142 Stevens, D. E. and Chadwick, H. K. SACRAMENTO-SAN JOAQUIN ESTUARY--BIOLOGY AND HYDROLOGY. *Fisheries (Bull. Am. Fish. Soc.)* 4(4):2-6. July-Aug. 1979. SFA 25(1)

71-013143 Terrell, T. T. PHYSICAL REGIONALIZATION OF COASTAL ECOSYSTEMS OF THE UNITED STATES AND ITS TERRITORIES. *U.S. Fish Wildl. Serv.* FWS/OBS-78/80. vi + 30p. Mar. 1979. SFA 24(4)

71-013144 Wallace, D. H. NEW DIMENSIONS IN THE MANAGEMENT OF COASTAL FISHERIES AND WILDLIFE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:25-29. 1977. SFA 23(1)

71-013145 Weinstein, M. P. SHALLOW MARSH HABITATS AS PRIMARY NURSERIES FOR FISHES AND SHELLFISH, CAPE FEAR RIVER, NORTH CAROLINA. *NOAA Fish. Bull.* 77(2):339-357. Apr. 1979. SFA 25(1)

MARINE MANAGEMENT AND RESEARCH

71-013146 Ackefors, H. PRODUCTION OF FISH AND OTHER ANIMALS IN THE SEA. *Ambio* 6(4):192-200. 1977. SFA 22(4)

71-013147 Alexander, L. and Norton, V. THE 200-MILE LIMIT III: MARITIME PROBLEMS BETWEEN THE U.S. AND CANADA. *Oceanus* 20(3):24-34. 1977. SFA 22(4)

71-013148 Altukhov, Yu. P. RATIONAL MANAGEMENT OF MARINE BIOLOGICAL RESOURCES IN THE LIGHT OF POPULATION GENETICS. *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 31-39. Sept. 1973. SFA 24(2)

71-013149 Alverson, D. L. THE 200-MILE LIMIT II: THE NORTH PACIFIC FISHERY MANAGEMENT COUNCIL. *Oceanus* 20(3):18-23. 1977. SFA 22(4)

71-013150 Andersen, K. P. and Ursin, E. A MULTISPECIES EXTENSION TO THE BEVERTON AND HOLT THEORY OF FISHING, WITH ACCOUNTS OF PHOSPHORUS CIRCULATION AND PRIMARY PRODUCTION. *Medd. Dan. Fisk.- Havunders.* 7: 319-435. 1977. SFA 24(2)

71-013151 Andersen, R. THE NEED FOR HUMAN SCIENCES RESEARCH IN ATLANTIC COAST FISHERIES. *J. Fish. Res. Board Can.* 35(7):1031-1049. July 1978. In English with French summ. SFA 23(4)

71-013152 Anderson, E. D.; F. E. Lux and F. P. Almeida. THE SILVER HAKE STOCKS AND FISHERY OFF THE NORTHEASTERN UNITED STATES. *Mar. Fish. Rev.* 42(1):12-20. Jan. 1980. SFA 25(3)

71-013153 Armstrong, D. W. MANAGEMENT OF FISH STOCKS. *Scott. Fish. Bull.* 44:4-7. 1978. SFA 24(1)

71-013154 Armstrong, D. W. and Hislop, J. R. G. THE NORTH SEA FISHERIES FOR COD, HADDOCK AND WHITING IN RECENT YEARS. *Scott. Fish. Bull.* 44:12-14. 1978. SFA 24(1)

71-013155 Atlantic States Marine Fisheries Commission. EASTLAND FISHERIES SURVEY OF THE ATLANTIC COAST REGION. *Fisheries (Bull. Am. Fish. Soc.)* 2(6):19. Nov.-Dec. 1977. Introduction and summary of recommendations only. SFA 23(2)

71-013156 Atlantic States Marine Fisheries Commission. EASTLAND FISHERIES SURVEY OF THE ATLANTIC COAST REGION. *Atl. States Mar. Fish. Comm. Spec. Rep.* No. 2. v + 73p. June 1977. SFA 23(1)

71-013157 Ayushin, B. N. and Tjurin, A. B. TO THE PROBLEM OF RAISING THE EFFICIENCY OF HERRING REPRODUCTION IN NORTHWEST OKHOTSK SEA BY CREATING ARTIFICIAL SPAWNING GROUNDS. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:149-156. 1974[1977]. SFA 24(4)

71-013158 Bailey, R. S. THE NORTH SEA SPRAT STOCK. *Scott. Fish. Bull.* 44:20-25. 1978. SFA 24(1)

71-013159 Bakkala, R.; W. Hirschberger and K. King. THE GROUNDFISH RESOURCES OF THE EASTERN BERING SEA AND ALEUTIAN ISLANDS REGIONS. *Mar. Fish. Rev.* 41(11):1-24. Nov. 1979. SFA 25(2)

71-013160 Baxter, I. G. THE NORTH SEA HERRING. *Scott. Fish. Bull.* 44:14-16. 1978. SFA 24(1)

71-013161 Boone, J. G. and Florence, B. M. THE STATUS OF STRIPED BASS. *Md. Conserv.* 54(3):4-8. May-June 1978. SFA 23(4)

71-013162 Brander, K. M. THE EFFECT OF 200 MILE LIMITS ON FISHERIES MANAGEMENT IN THE NORTHEAST ATLANTIC. *FAO Fish. Tech. Pap.* No. 183. vii + 19p. 1978. SFA 24(4)

71-013163 Briggs, P. T. STATUS OF TAUTOG POPULATIONS AT ARTIFICIAL REEFS IN NEW YORK WATERS AND EFFECT OF FISHING. *N.Y. Fish Game J.* 24(2):154-167. July 1977. SFA 22(4)

71-013164 Brown, B. E.; Brennan, J. A. and Palmer, J. E. LINEAR PROGRAMMING SIMULATIONS OF THE EFFECTS OF BYCATCH ON THE MANAGEMENT OF MIXED SPECIES FISHERIES OFF THE NORTHEASTERN COAST OF THE UNITED STATES. *NOAA Fish. Bull.* 76(4):851-860. 1979. SFA 24(2)

71-013165 Calvelo, R. R. and Ginon, J. S. SIGANID FISHERY OF NORTHWESTERN PANGASINAN. *Philipp. J. Fish.* 12(1-2):114-130. 1974. SFA 22(1)

71-013166 Cassidy, F. L., Jr. THE RECREATIONAL VIEWPOINT ON A FISHERIES REGIME UNDER EXTENDED JURISDICTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:72-76. 1975. SFA 22(2)

71-013167 Chan, M.-L.; Buchanan, J. E.; Garling, W. and Sasser, J., Jr. OPTIMAL MANAGEMENT OF GLOBAL TUNA RESOURCES. *Oceans '78: Fourth Annu. Conf. Mar. Technol. Soc., Washington, DC and Inst. Elec. Electron. Eng., Inc., New York* 4:199-203. 1978. SFA 24(1)

71-013168 Charbonnier, D. PROSPECTS FOR FISHERIES IN THE MEDITERRANEAN. *Ambio* 6(6):374-376. 1977. SFA 23(2)

71-013169 Clark, C. W. TOWARDS A PREDICTIVE MODEL FOR THE ECONOMIC REGULATION OF COMMERCIAL FISHERIES. *Can. J. Fish. Aquatic Sci.* 37(7):1111-1129. July 1980. SFA 25(4)

71-013170 Clark, W. G. THE LESSONS OF THE PERUVIAN ANCHOVETA FISHERY. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:57-63. Oct. 1977. SFA 24(3)

71-013171 Coastal Plains Center for Marine Development Services. SUMMARY OF MARINE ACTIVITIES OF THE COASTAL PLAINS REGION. *Coast. Plains Cent. Mar. Dev. Serv., Wilmington, N.C.* v + 108p. Oct. 1978. SFA 24(1)

71-013172 Coastal Plains Center for Marine Development Services. REPORT OF THE CONFERENCE ON MARINE RESOURCES OF THE COASTAL PLAINS STATES. *Coast. Plains Cent. Mar. Dev. Serv., Wilmington, N.C.* v + 90p. 1977. SFA 24(1)

71-013173 Cram, D. L. RESEARCH AND MANAGEMENT IN SOUTHEAST ATLANTIC PELAGIC FISHERIES. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:33-56. Oct. 1977. SFA 24(3)

71-013174 Cupka, D. M.; Eldridge, P. J. and Huntsman, G. R., (eds.). PROCEEDINGS OF WORKSHOP ON THE SNAPPER/GROUPER RESOURCES OF THE SOUTH ATLANTIC BIGHT. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 279. ii + 46p. Nov. 1977. SFA 24(1)

71-013175 Dahrma Raja, S. K. and Philipose, V. TRENDS IN THE YIELDS OF MAJOR EXPLOITED FISHERIES OF THE EAST COAST OF INDIA. *Indian J. Fish.* 22(1,2):187-197. 1975. SFA 23(3)

71-013176 Delmendo, M. N. AN EVALUATION OF THE FISHERY RESOURCES OF LAGUNA DE BAY. *Philipp. J. Fish.* 14(2):213-231. July-Dec. 1976. SFA 23(3)

71-013177 Dykstra, J. J. COASTAL FISHERIES RESOURCES UNDER EXTENDED JURISDICTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:55-58. 1975. SFA 22(2)

71-013178 Elder, R. D. EQUILIBRIUM YIELD FOR THE HAURAKI GULF SNAPPER FISHERY ESTIMATED FROM CATCH AND EFFORT FIGURES, 1960-74. *N.Z. J. Mar. Freshwater Res.* 13(1):31-38. 1979. SFA 25(1)

71-013179 Encina, V. B. THE SET BOTTOM LONGLINE GEAR FOR DEVELOPING THE SPINY DOGFISH SHARK (FAMILY SQUALIDAE) FISHERY IN THE PHILIPPINES. *Philipp. J. Fish.* 13(1):71-101. 1975. SFA 22(1)

71-013180 Everson, I. THE LIVING RESOURCES OF THE SOUTHERN OCEAN. *FAO of the UN South. Ocean Fish. Serv. Prog.* GLO/SO/77/1. iv + 156p. Sept. 1977. SFA 24(1)

71-013181 Fadeev, N. S. THE EFFECTIVENESS OF RATIONAL EXPLOITATION OF NATIONAL RESOURCES. *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 3:185-193. 1974[1977]. SFA 24(4)

71-013182 FAO of the UN. GENERAL FISHERIES COUNCIL FOR THE MEDITERRANEAN REPORT OF THE FOURTEENTH SESSION NANTES, FRANCE, 16-20 OCTOBER 1978. *Gen. Fish. Counc. Mediterr. Rep.* 14. 42p. 1978. SFA 25(1)

71-013183 FAO of the UN. REPORT OF THE FIRST SESSION OF THE WESTERN CENTRAL ATLANTIC FISHERY COMMISSION WORKING PARTY ON FISHERY STATISTICS, PANAMA, PANAMA, 16-17 may 1978. *FAO Fish. Rep.* No. 212. v + 29p. 1978. SFA 25(1)

71-013184 FAO of the UN. REPORT OF THE NINTH SESSION OF THE ADVISORY COMMITTEE OF EXPERTS ON MARINE RESOURCES RESEARCH. *FAO Fish. Rep.* No. 206. v + 23p. 1978. SFA 24(4)

71-013185 FAO of the UN. SUPPLEMENT 1 TO THE REPORT OF THE NINTH SESSION OF THE ADVISORY COMMITTEE OF EXPERTS ON MARINE RESOURCES RESEARCH. SELECTED WORKING PAPERS SUBMITTED TO THE NINTH SESSION OF ACMRR. *FAO Fish. Rep.* No. 206(suppl. 1). v + 56p. 1978. SFA 24(4)

71-013186 FAO of the UN. REPORT OF THE SECOND SESSION OF THE COMMITTEE ON RESOURCE MANAGEMENT OF THE GENERAL FISHERIES COUNCIL FOR THE MEDITERRANEAN (GFCM). *FAO Fish. Rep.* No. 207. v + 31p. 1978. SFA 24(4)

71-013187 FAO of the UN. REPORT OF THE SECOND SESSION OF THE WESTERN CENTRAL ATLANTIC FISHERY COMMISSION. *FAO Fish. Rep.* No. 209. vi + 48p. 1978. SFA 24(4)

71-013188 FAO of the UN. REPORT OF THE SEVENTH SESSION OF THE INDIAN OCEAN FISHERY COMMISSION EXECUTIVE COMMITTEE FOR THE IMPLEMENTATION OF THE INTERNATIONAL INDIAN OCEAN FISHERY SURVEY AND DEVELOPMENT PROGRAMME. *FAO Fish. Rep.* No. 205. v + 15p. July 1978. SFA 24(4)

71-013189 FAO of the UN. REPORT OF THE JOINT MEETING OF THE WESTERN CENTRAL ATLANTIC FISHERY COMMISSION WORKING PARTY ON ASSESSMENT OF FISH RESOURCES AND WORKING PARTY ON STOCK ASSESSMENT OF SHRIMP AND LOBSTER RESOURCES. *FAO Fish. Rep.* No. 211. v + 103p. 1978. SFA 24(4)

71-013190 FAO of the UN. WORKING PARTY OF EXPERTS ON CENTRAL AND WESTERN PACIFIC SKIPJACK. *FAO Fish Rep.* No. 224. iv + 8p. 1979. SFA 25(4)

71-013191 FAO of the UN. INDIAN OCEAN FISHERY COMMISSION. COMMITTEE FOR THE DEVELOPMENT AND MANAGHEMENT OF THE FISHERY RESOURCES OF THE GULFS. *FAO Fish. Rep.* No. 223. v + 15p. 1979. SFA 25(4)

71-013192 FAO of the UN. ASSESSMENT AND MANAGEMENT OF THE BLACK SEA TURBOT. *FAO Fish Rep.* No. 226. v + 19p. 1979. SFA 25(4)

71-013193 FAO of the UN. REPORT OF THE FIRST SESSION OF THE WESTERN CENTRAL ATLANTIC FISHERY COMMISSION. *FAO Fish. Rep.* No. 172. vi + 31p. 1975. SFA 23(3)

71-013194 FAO of the UN. SELECTED WORKING PAPERS SUBMITTED TO THE EIGHTH SESSION OF ACMRR. *FAO Fish. Rep.* No. 171, Suppl. 1. v + 136p. 1975. SFA 23(2)

71-013195 FAO of the UN. REPORT OF THE THIRD JOINT MEETING OF THE INDO-PACIFIC FISHERIES COUNCIL SPECIAL COMMITTEE ON MANGEMENT OF INDO-PACIFIC TUNA, THIRD SESSION, AND THE INDIAN OCEAN FISHERY COMMISSION COMMITTEE ON MANAGEMENT OF INDIAN OCEAN TUNA, FOURTH SESSION, MOMBASA, KENYA, 18-19 JULY 1975. *FAO Fish. Rep.* No. 174. v + 47p. 1975. SFA 23(4)

71-013196 FAO of the UN. REPORT OF THE EIGHTH SESSION ADVISORY COMMITTEE ON MARINE RESOURCES RESEARCH, SESIMBRA, PORTUGAL, 8-12 SEPTEMBER 1975. *FAO Fish. Rep.* No. 171. iv + 20p. Nov. 1975. SFA 23(2)

71-013197 FAO of the UN. MECHANICS OF TUNA RESEARCH AND MANAGEMENT. REPORT OF THE SECOND SESSION OF THE INDIAN OCEAN FISHERY COMMISSION AD HOC COMMITTEE ON NATIONS. *FAO Fish. Rep.* No. 184. v + 8p. 1976. SFA 24(1)

71-013198 FAO of the UN. REPORT OF THE FOURTH JOINT MEETING OF THE INDO-PACIFIC FISHERIES COUNCIL SPECIAL COMMITTEE ON MANAGEMENT OF INDO-PACIFIC TUNA FOURTH SESSION AND THE INDIAN OCEAN FISHERY COMMISSION COMMITTEE ON MANAGEMENT OF INDIAN OCEAN TUNA FIFTH SESSION COLOMBO, SRI LANKA, 29-30 OCTOBER 1976. *FAO Fish. Rep.* No. 190. v + 12p. 1977. SFA 24(2)

71-013199 FAO of the UN. REPORT OF THE SIXTH SESSION OF THE INDIAN OCEAN FISHERY COMMISSION EXECUTIVE COMMITTEE FOR THE IMPLEMENTATION OF THE INTERNATIONAL INDIAN OCEAN FISHERY SURVEY AND DEVELOPMENT PROGRAMME. COCHIN, INDIA, 17-18 OCTOBER 1977. *FAO Fish. Rep.* No. 198. v + 12p. Nov. 1977. SFA 24(2)

71-013200 FAO of the UN. REPORT OF THE FIFTH SESSION OF THE FISHERY COMMITTEE FOR THE EASTERN CENTRAL ATLANTIC (CECAF) LOME, TOGO, 7-11 MARCH 1977. *FAO Fish. Rep.* No. 195. vi + 51p. 1977. SFA 24(2)

71-013201 FAO of the UN. REPORT OF THE NINTH SESSION COORDINATING WORKING PARTY ON ATLANTIC FISHERY STATISTICS DARTMOUTH, CANADA, 17-23 AUGUST 1977. *FAO Fish. Rep.* No. 197. 40p. 1977. SFA 24(2)

71-013202 FAO of the UN. COOPERATIVE INVESTIGATIONS OF THE CARIBBEAN AND ADJACENT REGIONS - II. SYMPOSIUM ON PROGRESS IN MARINE RESEARCH IN THE CARIBBEAN AND ADJACENT REGIONS. CARACAS, VENEZUELA, 12-16 JULY 1976. PAPERS ON FISHERIES, AQUACULTURE AND MARINE BIOLOGY. *FAO Fish. Rep.* No. 200. viii + 547p. Dec. 1977. SFA 24(2)

71-013203 FAO of the UN. REPORT OF THE FIFTH SESSION OF THE INDIAN OCEAN FISHERY COMMISSION. COCHIN, INDIA, 19-26 OCTOBER 1977. *FAO Fish. Rep.* No. 199. v + 36p. 1977. SFA 24(2)

71-013204 FAO of the UN. REPORT OF THE ELEVENTH SESSION OF THE COMMITTEE ON FISHERIES. ROME, 19-26 APRIL 1977. *FAO Fish. Rep.* No. 196. x + 48p. June 1977. SFA 24(2)

71-013205 Flanagan, C. A. and Hendrickson, J. R. OBSERVATIONS ON THE COMMERCIAL FISHERY AND REPRODUCTIVE BIOLOGY OF THE TOTOABA, /CYNOSCION MACDONALDI/, IN THE NORTHERN GULF OF CALIFORNIA. *NOAA Fish. Bull.* 74(3):531-544. July 1976. SFA 22(2)

71-013206 Foerster, J. W. and Reagan, S. P. MANAGEMENT OF THE NORTHERN CHESAPEAKE BAY AMERICAN SHAD FISHERY. *Biol. Conserv.* 12(3):179-201. Nov. 1977. SFA 23(1)

71-013207 Giddings, G. G. SOUTH AMERICAN HAKES: THE RESOURCE AND ITS UTILIZATION. *Mar. Fish. Rev.* 42(1):8-11. Jan. 1980. SFA 25(3)

71-013208 Goulet, J. R., Jr. and Haynes, E. D., (eds.). OCEAN VARIABILITY IN THE U.S. FISHERY CONSERVATION ZONE, 1976. *NOAA Tech. Rep. NMFS Circ.* 427. iv + 362p. July 1979. SFA 25(1)

71-013209 Goulet, J. R., Jr. and Haynes, E. D., (ed.). OCEAN VARIABILITY: EFFECTS ON U.S. MARINE FISHERY RESOURCES-1975. *NOAA Tech. Rep. NMFS Circ.* 416. iii + 350p. Dec. 1978. SFA 24(3)

71-013210 Grant, C. J.; R. L. Sandland and A. M. Olsen. ESTIMATION OF GROWTH, MORTALITY AND YIELD PER RECUIRT OF THE AUSTRALIAN SCHOOL SHARK, *GALEORHINUS AUSTRALIS* (MACLEAY), FROM TAG RECOVERIES. *Aust. J. Mar. Freshwater Res.* 30(5):625-637. Oct. 1979. SFA 25(3)

71-013211 Hannesson, R. A NOTE ON THE WELFARE-ECONOMIC CONSEQUENCES OF EXTENDED FISHING LIMITS. *J. Environ. Econ. Manage.* 5(2):187-197. June 1978. SFA 23(4)

71-013212 Harville, J. P. PROGRESS IN MARINE FISHERIES MANAGEMENT--THE 1977 RECORD. *Proc. Int. Assoc. Fish Wildl. Agencies* 67:41-50. 1977(1978). SFA 23(4)

71-013213 Hilborn, R. and Ledbetter, M. ANALYSIS OF THE BRITISH COLUMBIA SALMON PURSE-SEINE FLEET: DYNAMICS OF MOVEMENT. *J. Fish. Res. Board Can.* 36(4):384-391. Apr. 1979. In English with French summ. SFA 24(3)

71-013214 Hill, G. D., Jr. ONE YEAR OF THE 200-MILE LIMIT. *Fisheries (Bull. Am. Fish. Soc.)* 3(4):10, 12. July-Aug. 1978. SFA 24(2)

71-013215 Hoag, S. H. and French, R. R. THE INCIDENTAL CATCH OF HALIBUT BY FOREIGN TRAWLERS. *Int. Pac. Halibut Comm. Sci. Rep.* No. 60. 24p. 1976. SFA 21(4).

71-013216 Hoag, S. H. THE EFFECT OF TRAWLING ON THE SETLINE FISHERY FOR HALIBUT. *Int. Pac. Halibut Comm. Sci. Rep.* No. 61. 20p. 1976. SFA 21(4)

71-013217 Hobson, E. S. and Lenarz, W. H. REPORT OF A COLLOQUIUM ON THE MULTISPECIES FISHERIES PROBLEM, JUNE 1976. *Mar. Fish. Rev.* 39(9):8-13. Sept. 1977. SFA 23(1)

71-013218 Holt, S. EXCESS CAPACITY AND APPROPRIATE GEAR: THE CASE OF THE CALIFORNIA SWORDFISH FISHERY. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:458-473. 1978. SFA 24(4)

71-013219 Huppert, D. D. IMPLICATIONS OF MULTIPURPOSE FLEETS AND MIXED STOCKS FOR CONTROL POLICIES. *J. Fish. Res. Board Can.* 36(7):845-854. July 1979. In English with French summ. SFA 24(4)

71-013220 Ingham, M. C. MARINE ENVIRONMENTAL CONDITIONS OFF THE ATLANTIC AND GULF COASTS OF THE UNITED STATES, JANUARY 1977-MARCH 1978. *Mar. Fish. Rev.* 41(5/6):35-47. May-June 1979. SFA 25(1)

71-013221 Ingraham, W. J., Jr. THE ANOMALOUS SURFACE SALINITY MINIMA AREA ACROSS THE NORTHERN GULF OF ALASKA AND ITS RELATION TO FISHERIES. *Mar. Fish. Rev.* 41(5/6):8-19. May-June 1979. SFA 25(1)

71-013222 International Pacific Halibut Commission. INTERNATIONAL PACIFIC HALIBUT COMMISSION ANNUAL REPORT 1978. *Int. Pac. Habibut Comm. Annu. Rep.* 1978 40p. 1979. SFA 25(1)

71-013223 International Pacific Halibut Commission. ANNUAL REPORT 1977. *Int. Pac. Halibut Comm.* 38p. 1978. SFA 23(4)

71-013224 International Pacific Halibut Commission. THE PACIFIC HALIBUT: BIOLOGY, FISHERY, AND MANAGEMENT. *Int. Pac. Halibut Comm. Tech. Rep.* No. 16. 56p. 1978. SFA 23(3)

71-013225 Isaacs, J. D. SOME IDEAS AND FRUSTRATIONS ABOUT FISHERY SCIENCE. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:34-43. May 1976. SFA 22(3)

71-013226 Jensen, A. C. NEW YORK'S MARINE FISHERIES: CHANGING NEEDS IN A CHANGING ENVIRONMENT. *N.Y. Fish Game J.* 24(2):99-128. July 1977. SFA 22(4)

71-013227 Jerpi, D. A. BOSTON FISH PIER LANDINGS, 1978: A REVIEW. *Mar. Fish. Rev.* 41(10):29-34. Oct. 1979. SFA 25(2)

71-013228 Jolley, J. W., Jr. and Irby, E. W., Jr. SURVIVAL OF TAGGED AND RELEASED ATLANTIC SAILFISH (/ISTIOPHORUS PLATYPTERUS/: ISTIOPHORIDAE) DETERMINED WITH ACOUSTICAL TELEMETRY. *Bull. Mar. Sci.* 29(2):155-169. Apr. 1979. SFA 24(3)

71-013229 Joseph, J. PROBLEMS ASSOCIATED WITH THE EXPLOITATION AND MANAGEMENT OF TUNAS AND BILLFISHES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:63-71. 1975. SFA 22(2)

71-013230 Kaczynski, W. RESPONSES AND ADJUSTMENTS OF FOREIGN FLEETS TO CONTROLS IMPOSED BY COASTAL NATIONS. *J. Fish. Res. Board Can.* 36(7):800-810. July 1979. In English with French summ. SFA 24(4)

71-013231 Kaneen, R. G. CALIFORNIA'S VIEW OF ANCHOVY MANAGEMENT. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:25-27. Oct. 1977. SFA 24(3)

71-013232 Kent, G. EQUITY IN GLOBAL FISHERIES MANAGEMENT. *Oceanus* 10(5):60-64. Sept.-Oct. 1977. SFA 23(1)

71-013233 Kesavan Nair, A. K. and Balakrishnan, G. THE BOMBAY DUCK (/HARPODON NEHEREUS/) FISHERY DURING 1950-72. *Indian J. Fish.* 22 (1,2): 198-204. 1975. SFA 23(3)

71-013234 Kimmerer, W. J. and Durbin, W. W., Jr. THE POTENTIAL FOR ADDITIONAL MARINE CONSERVATION DISTRICTS ON OAHU AND HAWAII. *Univ. Hawaii Sea Grant Tech. Rep.* UNIHI-SEAGRANT-TR-76-03. viii + 108p. Dec. 1975. SFA 23(3)

71-013235 King, D. M. MEASURING THE ECONOMIC VALUE OF THE EASTERN TROPICAL PACIFIC TUNA FISHERY. *Proc. Annu. Conf. West. Assoc. Fish Wildl. Agencies* 58:444-457. 1978. SFA 24(4)

71-013236 Kurenkov, I. I. [PACIFIC SALMON STOCK CONDITION AND SOME PROBLEMS OF THEIR ABUNDANCE RESTORATION.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 2:59-73. 1973[1977]. In Russian. SFA 24(4)

71-013237 Laist, D. and Epting, J. HIGHTIDE: THE GROWING NEED FOR FEDERAL-STATE COOPERATION IN MANAGING THE SEA. *Coast. Zone Manage. J.* 6(1):1-7. 1979. SFA 25(1)

71-013238 Larkin, P. A. AN EPITAPH FOR THE CONCEPT OF MAXIMUM SUSTAINED YIELD. *Trans. Am. Fish. Soc.* 106(1):1-11. Jan. 1977. SFA 22(3)

71-013239 Lawrence, W. M. (Moderator). THE CHALLENGE OF EXTENDED FISHERIES JURISDICTION. *Proc. Int. Assoc. Fish Wildl. Agencies* 66:73-98. Sept. 1976. SFA 22(3)

71-013240 LeBlanc, R. CONCERNING CANADA'S 200-MILE LIMIT. *Fisheries (Bull. Am. Fish. Soc.)* 2(4):8-12. July-Aug. 1977. SFA 23(1)

71-013241 Leitzell, T. L. FISHERIES MANAGEMENT UNDER THE FISHERY CONSERVATION AND MANAGEMENT ACT (FCMA). *Fisheries (Bull. Am. Fish. Soc.)* 4(1):34-36. Jan.-Feb. 1979. SFA 24(4)

71-013242 Lenarz, W. H. and Zweifel, J. R. A THEORETICAL EXAMINATION OF SOME ASPECTS OF THE INTERACTION BETWEEN LONGLINE AND SURFACE FISHERIES FOR YELLOWFIN TUNA, /THUNNUS ALBACARES/. *NOAA Fish. Bull.* 76(4):807-825. 1979. SFA 24(2)

71-013243 Liao, D. S. and Cupka, D. M. ECONOMIC IMPACTS AND FISHING SUCCESS OF OFFSHORE SPORT FISHING OVER ARTIFICIAL REEFS AND NATURAL HABITATS IN SOUTH CAROLINA. *S.C. Mar. Resour. Cent. Tech. Rep.* No. 38. 27p. May 1979. SFA 25(1)

71-013244 Lluch B., D. THE MEXICAN VIEW OF THE BASIC RESEARCH NEEDS FOR THE MANAGEMENT OF THE ANCHOVY FISHERY. *Calif. Coop. Oceanic Fish Invest. Rep.* 19:28-32. Oct. 1977. SFA 24(3)

71-013245 Lopez, A. M.; D. B. McClellan; A. R. Bertolino and M. D. Lange. THE JAPANESE LONGLINE FISHERY IN THE GULF OF MEXICO, 1978. *Mar. Fish. Rev.* 41(10):23-28. Oct. 1979. SFA 25(2)

71-013246 Low, R. A., Jr. VARIABILITY IN OCEAN FISHING SUCCESS FOR SALMON (/ONCORHYNCHUS/ SPP.) OFF WASHINGTON AND VANCOUVER ISLAND AND ITS RELATIONSHIP WITH INSIDE RUN STRENGTH. *Ph.D. dissertation, Univ. Wash.* 269p. 1979. From Diss. Abstr. Int. B Sci. Eng. 40(2):511. Aug. 1979. SFA 24(4)

71-013247 Lucas, K. THE 200-MILE ZONE: CANADA'S NEW FRONTIER. *Fisheries (Bull. Am. Fish. Soc.)* 4(1):27-31. Jan.-Feb. 1979. SFA 24(4)

71-013248 Lyman, H. THE 200-MILE LIMIT I: THE NEW ENGLAND REGIONAL FISHERY MANAGEMENT COUNCIL. *Oceanus* 20(3):7-17. 1977. SFA 22(4)

71-013249 MacKenzie, W. C. RATIONAL FISHERY MANAGEMENT IN A DEPRESSED REGION: THE ATLANTIC GROUNDFISHERY. *J. Fish. Res. Board Can.* 36(7):811-826. July 1979. In English with French summ. SFA 24(4)

71-013250 Marine Technology Society and Institute of Electrical and Electronics Engineers. OCEANS '77 CONFERENCE RECORD (2 VOL.). 1977. SFA 24(1)

71-013251 Matlock, G. C.; Weaver, J. E. and Green, A. W. TRENDS IN SPOTTED SEATROUT AND RED DRUM ABUNDANCE IN TEXAS COASTAL WATERS INFLUENCED BY COMMERCIAL NETTING ACTIVITIES. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 31:477-483. 1977[1979]. SFA 24(4)

71-013252 Matsumae, S. [UNLIMITED RESOURCES OF THE PACIFIC OCEAN.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 3. Sept. 1973. In Japanese. SFA 24(2)

71-013253 May, R. M.; Beddington, J. R.; Clark, C. W.; Holt, S. J. and Laws, R. M. MANAGEMENT OF MULTISPECIES FISHERIES. *Science* 205(4403):267-277. 20 July 1979. SFA 24(4)

71-013254 McCracken, F. D. and Macdonald, R. D. S. SCIENCE FOR CANADA'S ATLANTIC INSHORE SEAS FISHERIES. *J. Fish. Res. Board Can.* 33(9):2097-2139. Sept. 1976. In English with French summ. SFA 22(2)

71-013255 McGoodwin, J. R. THE DECLINE OF MEXICO'S PACIFIC INSHORE FISHERIES. *Oceanus* 22(2):51-59. 1979. SFA 24(4)

71-013256 McHugh, J. L. FISHERIES AND FISHERY RESOURCES OF NEW YORK BIGHT. *NOAA Tech. Rep. NMFS Circ.* 401. Mar. 1977. SFA 22(3)

71-013257 McLain, D. R.; Lynn, R. J. and Favorite, F. MARINE ENVIRONMENTAL CONDITIONS OFF THE PACIFIC COAST OF THE UNITED STATES, JANUARY 1977-MARCH 1978. *Mar. Fish. Rev.* 41(5/6):48-69. May-June 1979. SFA 25(1)

71-013258 Messieh, S. N.; Cote, G. and Boulva, J. LA PECHE DU HARENG DE GASPE. [THE HERRING FISHERY IN THE GASPE.] *Nat. Can. (Que.)* 106(1):255-276. Jan.-Feb. 1979. In French with English summ. SFA 24(4)

71-013259 Moiseev, P. A. [SOME WAYS OF INCREASING THE WORLD OCEAN BIOPRODUCTIVITY.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 2:7-18. 1973[1977]. In Russian. SFA 24(4)

71-013260 Moiseev, P. A. [BIOLOGICAL RESOURCES OF THE PACIFIC OCEAN.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 5-6. Sept. 1973. In Russian and Japanese. SFA 24(2)

71-013261 Mori, I. [RELATIONSHIP BETWEEN CATCH AND FISHING CONDITIONS IN DOMESTICATED YELLOWTAIL FISHING IN NAGASAKI PREF., JAPAN.] *Bull. Jpn. Soc. Sci. Fish.* 43(3):271-275. Mar. 1977. In Japanese with English summ. SFA 22(3)

71-013262 Morrison, J. THE MINCH HERRING. *Scott. Fish. Bull.* 44:16-19. 1978. SFA 24(1)

71-013263 Myhre, R. J.; Peltonen, G. J.; St-Pierre, G.; Skud, B. E. and Walden, R. E. THE PACIFIC HALIBUT FISHERY: CATCH, EFFORT AND CPUE, 1929-1975. *Int. Pac. Halibut Comm. Tech. Rep.* No. 14. 95p. 1977. SFA 22(4)

71-013264 Naab, R. C. and Branson, J. H. ENFORCEMENT AND SURVEILLANCE NEEDS UNDER EXTENDED FISHERIES JURISDICTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:86-90. 1975. SFA 22(2)

71-013265 Ness, H. O. OBSERVATIONS ON THE BIRTH OF A SOUTHEASTERN ALASKA FISHERY. *Mar. Fish. Rev.* 39(3):19-22. Mar. 1977. SFA 22(3)

71-013266 Ness, H. O. THE SOUTHEASTERN ALASKA HERRING FISHERY. *Mar. Fish. Rev.* 39(3):10-14. Mar. 1977. SFA 22(3)

71-013267 Ness, H. O. THE RECENT DEVELOPMENT OF THE SOUTHEASTERN ALASKA HERRING FISHERY. *Mar. Fish. Rev.* 39(3):15-18. Mar. 1977. SFA 22(3)

71-013268 Newman, G. THE LIVING RESOURCES OF THE SOUTHEAST ATLANTIC. *FAO Fish. Tech. Pap.* No. 178. viii + 59p. 1977. SFA 24(2)

71-013269 Nickerson, J. T. R. THE ATLANTIC HALIBUT AND ITS UTILIZATION. *Mar. Fish. Rev.* 40(7):21-25. July 1978. SFA 24(1)

71-013270 Nielsen, L. A. THE EVOLUTION OF FISHERIES MANAGEMENT PHILOSOPHY. *Mar. Fish. Rev.* 38(12):15-23. Dec. 1976. SFA 22(2)

71-013271 Nikol'skiy, G. V.; Rass, T. S. and Studenetskiy, S. A. ON THE DIVISION OF THE OCEAN INTO FISHING REGIONS AND THE NOMENCLATURE OF ITS SUBDIVISIONS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 17(1):1-8. 1977. SFA 23(3)

71-013272 Norton, V. J. SCIENTIFIC AND ECONOMIC DATA NEEDS FOR EXTENDED FISHERIES JURISDICTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:77-85. 1975. SFA 22(2)

71-013273 Novoa, D. and Ramos, F. LA PESQUERIA DE ATUN POR PELANGRE EN VENEZUELA DURANTE EL PERIODO 1960-1972. [THE TUNA FISHERY IN VENEZUELA 1960-1972.] *Venez. Minist. Agric. Cria Inf. Tech.* no. 64: [29p.] 1976. In Spanish with English summ. SFA 21(2)

71-013274 Odemar, M. THE 200-MILE LIMIT: WHAT'S HAPPENED IN THE PACIFIC FISHERY ZONE. *Outdoor Calif.* 38(6):1-4. Nov.-Dec. 1977. SFA 23(2)

71-013275 Ogawa, Y. [PROBLEMS OF ARTIFICIAL REEFS FOR PROPAGATION OF FISH IN SHALLOW WATER.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 1:83-91. 1972[1977]. In Japanese with English summ. SFA 24(4)

71-013276 Okamoto, M.; T. Kuroki and T. Murai. [FUNDAMENTAL STUDIES ON THE ECOLOGY OF FISHES NEAR ARTIFICIAL REEFS--I. PREPARATORY OBSERVATION OF FISH AMOUNT]. *Bull. Jpn. Soc. Sci. Fish.* 45(9):1085-1090. Sept. 1979. In Japanese with English summ. SFA 25(2)

71-013277 Parks, N. B. THE PACIFIC NORTHWEST COMMERCIAL FISHERY FOR STRIPED BASS, 1922-74. *Mar. Fish. Rev.* 40 (1): 18-19. Jan. 1978. SFA 23(3)

71-013278 Parks, N. B. THE PACIFIC NORTHWEST COMMERCIAL FISHERY FOR STURGEON. *Mar. Fish. Rev.* 40(7):17-20. July 1978. SFA 24(1)

71-013279 Pearse, P. H. and Wilen, J. E. IMPACT OF CANADA'S PACIFIC SALMON FLEET CONTROL PROGRAM. *J. Fish. Res. Board Can.* 36(7):764-769. July 1979. In English with French summ. SFA 24(4)

71-013280 Pedersen, M. G. RECENT INVESTIGATIONS OF PETRALE SOLE OFF WASHINGTON AND BRITISH COLUMBIA. *Wash. Dep. Fish. Tech. Rep.* 17. viii + 72p. Nov. 1975. SFA 21(1)

71-013281 Pedrick, R. A. MARINE ENVIRONMENTAL CONDITIONS OFF THE COASTS OF THE UNITED STATES, JANUARY 1977-MARCH 1978--INTRODUCTION. *Mar. Fish. Rev.* 41(5/6):32-34. May-June 1979. SFA 25(1)

71-013282 Pinhorn, A. T., (ed.) LIVING MARINE RESOURCES OF NEWFOUNDLAND-LABRADOR: STATUS AND POTENTIAL. *Bull. Fish. Res. Board Can.* 194. ix + 64p. 1976. In English with French summ. SFA 21(1)

71-013283 Pollock, H. W. LAW OF THE SEA. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:49-53. 1975. SFA 22(2)

71-013284 Prabhu, M. S. and Dhawan, R. M. MARINE FISHERIES RESOURCES IN THE 20 AND 40 METRE REGIONS OFF THE GOA COAST. *Indian J. Fish.* 21(1):40-53. 1974. SFA 23(2)

71-013285 Radovich, J. APPLICATION OF OPTIMUM SUSTAINABLE YIELD THEORY TO MARINE FISHERIES. *In P. M. Roedel, ed. Optimum Sustainable Yield as a Concept in Fisheries Management. Am. Fish. Soc. Spec. Publ.* No. 9:21-28. Sept. 1974[1975] SFA 21(1).

71-013286 Radovich, J. CATCH-PER-UNIT-OF-EFFORT: FACT, FICTION, OR DOGMA. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:31-33. May 1976. SFA 22(3)

71-013287 Rafful, L. F. MEXICO'S 200-MILE EXCLUSIVE FISHERIES ZONE. *Fisheries (Bull. Am. Fish. Soc.)* 4(1):32-33. Jan.-Feb. 1979. SFA 24(4)

71-013288 Rass, T. S. [THEORETICAL PREREQUISITES AND PROSPECTS FOR THE INTEROCEANIC TRANSPLANTATION OF THE PACIFIC AND THE ATLANTIC OCEAN FISH SPECIES.] *Proc. Sov.-Jpn. Joint Symp. Aquacult.* 2:19-28. 1973[1977]. In Russian. SFA 24(4)

71-013289 Rathjen, W. F. FISHERIES DEVELOPMENT IN NEW ENGLAND--A PERSPECTIVE. *Mar. Fish. Rev.* 39(2):106. Feb. 1977. SFA 22(3)

71-013290 Reshetnikov, Yu. S. WHITEFISHES IN NORTHERN ECOSYSTEMS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 19(3):31-44. 1979. SFA 25(4)

71-013291 Richards, J. BLUE WHITING. *Scott. Fish. Bull.* 44:25-29. 1978. SFA 24(1)

71-013292 Ricker, W. E. REVIEW OF THE RATE OF GROWTH AND MORTALITY OF PACIFIC SALMON IN SALT WATER, AND NONCATCH MORTALITY CAUSED BY FISHING. *J. Fish. Res. Board Can.* 33(7):1483-1524. July 1976. In English with French summ. SFA 21(3)

71-013293 Ricker, W. E.; Bilton, H. T. and Aro, K. V. CAUSES OF THE DECREASE OF PINK SALMON (/ONCORHYNCHUS GORBUSCHA/). *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 820. vii + 93p. Sept. 1978. In Englsih with French summ. SFA 24(2)

71-013294 Rikhter, V. A. A STUDY OF THE DYNAMICS OF RED HAKE (/UROPHYCIS CHUSS/) CATCHES FROM THE NORTHWEST ATLANTIC BY THE METHOD OF SIMULATION. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14(4):484-491. 1974. SFA 21(2)

71-013295 Rørvik, C. J. THE NORWEGIAN INDUSTRIAL TRAWL FISHERY IN THE NORTH SEA. *Fiskeridir. Skr. Ser. Havunders.* 17(1):19-27. 1979. SFA 25(2)

71-013296 Roberts, K. J. and Shephard, R. J. NATIONAL OVERVIEW: NOAA'S SEA GRANT PROGRAM AND RESOURCE USERS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:305-312. 1977. SFA 23(1)

71-013297 Roberts, R. DEVELOPMENT OF FISHERIES REGIMES UNDER EXTENDED FISHERIES JURISDICTION: SALMON RESOURCES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:59-62. 1975. SFA 22(2)

71-013298 Rockland, S. THE SAN DIEGO TUNA INDUSTRY AND ITS EMPLOYMENT IMPACT ON THE LOCAL ECONOMY. *Mar. Fish. Rev.* 40(7):5-11. July 1978. SFA 24(1)

71-013299 Ronsivalli, L. J. TECHNOLOGY IN FISHERIES DEVELOPMENT. *Mar. Fish. Rev.* 39(2):7-10. Feb. 1977. SFA 22(3)

71-013300 Rothschild, B. J. FISHERY SCIENCE: FACT, FICTION, AND DOGMA. *Calif. Coop. Ocean. Fish. Invest. Rep.* 18:44-45. May 1976. SFA 22(3)

71-013301 Rounsefell, G. A. POTENTIAL FOOD FROM THE SEA. *J. Mar. Sci.* 1(3):1-85. June 1971. SFA 22(3)

71-013302 Sakagawa, G. T.; Coan, A. L. and Murphy, T. C. A REVIEW OF THE YELLOWFIN-SKIPJACK TUNA FISHERY OF THE ATLANTIC OCEAN AND AMERICAN PARTICIPATION, 1956-75. *Mar. Fish. Rev.* 39(12):1-10. Dec. 1977. SFA 23(2)

71-013303 Sakagawa, G. T.; Coan, A. L. and Holzapfel, E. P. LENGTH COMPOSITION OF YELLOWFIN, SKIPJACK, AND BIGEYE TUNAS CAUGHT IN THE EASTERN TROPICAL ATLANTIC BY AMERICAN PURSE SEINERS. *NOAA Tech. Rep. NMFS SSRF* 702. iv + 22p. Aug. 1976. SFA 21(3)

71-013304 Sargent, M. C., (ed.). SYMPOSIUM: OCEANOGRAPHY AND FISHERIES OF BAJA CALIFORNIA WATERS. *Calif. Coop. Oceanic Fish. Invest. Rep.* 17:59-128. Oct. 1974. SFA 21(1)

71-013305 Sato, M. [DISCOVERIES OF FISH REEFS IN OGASAWARA FISHING GROUND.] *J. Fac. Mar. Sci. Technol. Tokai Univ.* No. 12. p. 293-307. 1979. In Japanese with English summ. SFA 24(4)

71-013306 Scott, D. P. D. IMPLICATIONS OF THE THIRD UNITED NATIONS CONFERENCE ON THE LAW OF THE SEA FOR MARINE SCIENTIFIC RESEARCH. *Nature* 267(5614):762-764. 30 June 1977. SFA 22(4)

71-013307 Sheehy, D. J.; Shenouda, S. Y. K.; Alton, A. J.; Saila, S. B. and Constantinides, S. M. THE OCEAN POUT: AN EXAMPLE OF UNDERUTILIZED FISHERIES RESOURCE DEVELOPMENT. *Mar. Fish. Rev.* 39(6):5-15. June 1977. SFA 22(4)

71-013308 Shubnikov, D. A. SOME PROBLEMS IN THE STUDY OF COMMERCIAL OCEAN ICHTHYOFAUNA IN LOW LATITUDES. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):190-194. 1976. SFA 22(3)

71-013309 Silfontes, F. R. RECOMENDACIONES PARA EL DESARROLLO DE LAS PESQUERIAS DE ATUN EN VENEZUELA. [RECOMMENDATIONS FOR THE DEVELOPMENTS OF THE TUNA FISHERY IN VENEZUELA.] *Venez. Minist. Agric. Cria Inf. Tech.* No. 65. 6p. 1976. In Spanish with English summ. SFA 21(2)

71-013310 Sissenwine, M. P. IS MSY AN ADEQUATE FOUNDATION FOR OPTIMUM YIELD? *Fisheries (Bull. Am. Fish. Soc.)* 4(1):22-24, 37-42. Jan.-Feb. 1979. SFA 24(4)

71-013311 Sissenwine, M. P. SOME ASPECTS OF THE POPULATION DYNAMICS OF THE SOUTHERN NEW ENGLAND YELLOWTAIL FLOUNDER (/LIMANDA FERRUGINEA/) FISHERY. *Ph. D. dissertation, Univ. R.I.* 227p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(9), 1976. SFA 22(2)

71-013312 Skud, B. E. THE SPORT FISHERY FOR HALIBUT: DEVELOPMENT, RECOGNITION AND REGULATION. *Int. Pac. Halibut Comm. Tech. Rep.* No. 13. 19p. 1975. SFA 21(3)

71-013313 Stansby, M. E. ENVIRONMENTAL CHANGE AND THE NORTHEAST PACIFIC OCEAN FISHERIES: INTRODUCTORY REMARKS. *Mar. Fish. Rev.* 38 (11): 1-2. Nov. 1976. SFA 22(2)

71-013314 Stevenson, D. K. DETERMINATION OF MAXIMUM YIELD CONDITIONS FROM LENGTH FREQUENCY DATA FOR A TROPICAL FISH POT FISHERY. *Ph.D. dissertation, Univ. R.I.* 209p. 1976. From Diss. Abstr. Int. B Sci. Eng. 35(10), 1977. SFA 22(3)

71-013315 Sudhakara Rao, G. OBSERVATIONS ON THE SUMMER FISHERY FOR THE INDIAN MACKEREL /RASTRELLIGER KANAGURTA/ (CUVIER) IN THE GODAVARY ESTUARY. *Indian J. Fish.* 21(1):275-278. 1974. SFA 23(2)

71-013316 Talbot, L. M. MAXIMUM SUSTAINABLE YIELD: AN OBSOLETE MANAGEMENT CONCEPT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 40:91-96. 1975. SFA 22(2)

71-013317 Tashiro, J. E. and Coleman, S. E. THE CUBAN GROUPER AND SNAPPER FISHERY IN THE GULF OF MEXICO. *Mar. Fish. Rev.* 39(10):1-6. Oct. 1977. SFA 23(2)

71-013318 Thurow, F. THE STATE OF FISH STOCKS IN THE BALTIC. *Ambio* 9(3/4):153-157. 1980. SFA 25(4)

71-013319 Tomczak, G. H., ed. ENVIRONMENTAL ANALYSES IN MARINE FISHERIES RESEARCH - FISHERIES ENVIRONMENTAL SERVICES. *FAO Fish. Tech. Pap.* No. 170. xi + 141p. Nov. 1977. SFA 23(4)

71-013320 Treshchev, A. I. ON SOME PROBLEMS OF MARINE FISHERIES SCIENCE. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 16(2):194-198. 1976. SFA 22(3)

71-013321 Uchida, R. N. REEVALUATION OF FISHING EFFORT AND APPARENT ABUNDANCE IN THE HAWAIIAN FISHERY FOR SKIPJACK TUNA, /KATSUWONUS PELAMIS/, 1948-70. *NOAA Fish. Bull.* 74(1):59-69. Jan. 1976. SFA 22(3)

71-013322 Uchida, R. N. REEVALUATION OF FISHING EFFORT AND APPARENT ABUNDANCE IN THE HAWAIIAN FISHERY FOR SKIPJACK TUNA, /KATSUWONUS PELAMIS/, 1948-70. *NOAA Fish. Bull.* 74(1):59-69. Jan. 1976. SFA 22(3)

71-013323 Ulrich, G.; Chipley, N.; Cupka, D. and McCord, J. W. DEVELOPMENT OF FISHERY MANAGEMENT PLANS FOR SELECTED ANADROMOUS FISHES IN SOUTH CAROLINA/ GEORGIA. *S.C. Mar. Resour. Cent. Spec. Sci. Rep.* No. 14. iv + 135p. 1979. SFA 25(1)

71-013324 Venkataraman, G. and Badrudeen, M. ON THE DIURNAL VARIATION IN THE CATCHES OF SILVERBELLIES IN PALK BAY. *Indian J. Fish.* 21 (1): 254-265. 1974. SFA 23(2)

71-013325 Weld, C. M. THE FIRST YEAR OF FEDERAL MANAGEMENT OF COASTAL FISHERIES: AN OUTSIDER'S PERSPECTIVE. *Fisheries (Bull. Am. Fish. Soc.)* 4(2):12-15, 49. Mar.-Apr. 1979. SFA 24(4)

71-013326 Whyte, J. N. C. and Englar, J. R. ASPECTS OF THE PRODUCTION OF HERRING ROE ON /MACROCYSTIS INTERGRIFOLIA/ IN GEORGIA STRAIT LOCATIONS. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 751. vi + 28p. Oct. 1977. In English with French summ. SFA 23(3)

71-013327 Wine, V. L. PRELIMINARY REPORT ON THE ABILITY OF MARINE RECREATIONAL FISHERMEN TO IDENTIFY THE MORE COMMONLY CAUGHT SPORTFISH. *Calif. Dep. Fish Game Mar. Resour. Admin. Rep.* No. 79-14. 28p. Dec. 1979. SFA 25(2)

71-013328 Winters, G. H. and Beckett, J. S. MIGRATIONS, BIOMASS AND STOCK INTERRELATIONSHIPS OF SOUTHWEST NEWFOUNDLAND-SOUTHERN GULF HERRING FROM MARK-RECAPTURE EXPERIMENTS. *Int. Comm. Northwest Alt. Fish. Res.Bull.* No. 13. p. 67-79. 1978. SFA 23(4)

71-013329 Yamamoto, K. [ENDOCRINOLOGICAL STUDIES RELATED TO ARTIFICIAL PROPAGATION OF FISH.] *In S. Motoda, ed. Propagation of Marine Resources of the Pacific Ocean. First Japan-USSR Joint Symp. Aquacult. Pac. Ocean: 1-4 Dec. 1972, Tokyo and Shimizu, Japan.* p. 13-29. Sept. 1973. In Japanese with English summ. SFA 24(2)

71-013330 Yesaki, M. RAINBOW RUNNER: A LATENT OCEANIC RESOURCE? *Mar. Fish. Rev.* 41(8):1-6. Aug. 1979. SFA 25(1)

UTILIZATION OF FISHERY PRODUCTS

71-013331 Biediger, C. IS /SALMONELLA/ A PROBLEM IN CATFISH? *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 62-65. 1978. SFA 24(1)

71-013332 Crawford, K. W.; Dunseth, D. R.; Engle, C. R.; Hopkins, M. L.; McCoy, E. W. and Smitherman, R. O. MARKETING TILAPIA AND CHINESE CARPS. *In R. O. Smitherman, W. L. Shelton, and J. H. Grover, eds. Culture of Exotic Fishes Symposium Proceedings. Fish Cult. Sect., Am. Fish. Soc., Auburn, Ala.* p. 240-257. 1978. SFA 24(1)

71-013333 FAO of the UN. 1978 YEARBOOK OF FISHERY STATISTICS. FISHERY COMMODITIES. *FAO Fish. Ser.* 11:xvi + 279p. 1979. SFA 25(3)

71-013334 FAO of the UN. REPORT OF THE FAO/NORAD ROUND TABLE DISCUSSION ON EXPANDING THE UTILIZATION OF MARINE FISHERY RESOURCES FOR HUMAN CONSUMPTION. *FAO Fish. Rep.* No. 175. vi + 47p. 1975. SFA 23(4)

71-013335 Follett, W. I. FISH REMAINS FROM AN ARCHAEOLOGICAL SITE AT RANCHO CARRILLO ON THE SILVER STRAND, SAN DIEGO COUNTY, CALIFORNIA. *Bull. South. Calif. Acad. Sci.* 75(2):131-137. Aug. 1976. SFA 22(2)

71-013336 Gadbois, D. F.; Ravesi, E. M. and Lundstrom, R. C. OCCURRENCE OF VOLATILE N-NITROSAMINES IN JAPANESE SALMON ROE. *NOAA Fish. Bull.* 74(3):683-686. July 1976. SFA 21(3)

71-013337 Huddleston, R. W. and Barker, L. W. OTOLITHS AND OTHER FISH REMAINS FROM THE CHUMASH MIDDEN AT RINCON POINT (SBA-1), SANTA BARBARA-VENTURA COUNTIES, CALIFORNIA. *Nat. Hist. Mus. Los Ang. Cty. Contrib. Sci.* No. 289. 36p. 20 Mar. 1978. SFA 23(4)

71-013338 Iredale, D. G. and York, R. K. PURGING A MUDDY-EARTHY FLAVOR TAINT FROM RAINBOW TROUT (/SALMO GAIRDNERI/) BY TRANSFERRING TO ARTIFICIAL AND NATURAL HOLDING ENVIRONMENTS. *J. Fish. Res. Board Can.* 33(1):160-166. Jan. 1976. In English with French summ. SFA 21(1)

71-013339 Johnson, J. M., Sr. MANAGEMENT OF UNITED STATES FISH AND WILDLIFE RESOURCES AND SPECIAL RIGHTS OF NATIVE AMERICANS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:594-600. 1979. SFA 25(1)

71-013340 Jurgensen, K. M. and Crow, G. CASE HISTORY: THE $6-MILLION EEL, OR FROM BAIT TO DELICACY IN FOUR YEARS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42: 329-335. 1977. SFA 23(1)

71-013341 Liem, A. J. and Naish, V. A. DIFFERENCE IN TASTE BETWEEN THE RIGHT AND LEFT SIDES OF TAINTED FISH. *J. Fish. Res. Board Can.* 36(11):1412-1413. Nov. 1979. In English with French summ. SFA 25(1)

71-013342 Maligalig, L. L.; Caul, J. F.; Bassette, R. and Tiemeier, O. W. FLAVORING LIVE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) EXPERIMENTALLY. EFFECTS OF CONCENTRATION AND EXPOSURE TIME. *J. Food Sci.* 40:1242-1245. 1975. SFA 21(1)

71-013343 Maligalig, L. L.; Caul, J. F.; Bassette, R. and Tiemeier, O. W. FLAVORING LIVE CHANNEL CATFISH (/ICTALURUS PUNCTATUS/) EXPERIMENTALLY. EFFECTS OF REFRIGERATED STORAGE AND OF PURGING ON RETENTION OF EXPERIMENTAL FLAVORS. *J. Food Sci.* 40:1246-1248. 1975. SFA 21(1)

71-013344 McMillan, A. D. ARCHAEOLOGICAL EVIDENCE FOR ABORIGINAL TUNA FISHING ON WESTERN VANCOUVER ISLAND. *Syesis* 12:117-119. 1979. SFA 25(3)

71-013345 Mendelsohn, J. M.; Connors, T. J. and Callan, J. G. A MACHINE FOR HEADING AND EVISCERATING SMALL FISH. *Mar. Fish. Rev.* 39(2):11-18. Feb. 1977. SFA 22(3)

71-013346 Mikeska, M. FISH FOR RESTAURANTS AND CATERERS. *In Proc. 1978 Fish Farm. Conf. and Annu. Conv. Catfish Farmers Tex.* p. 66-70. 1978. SFA 24(1)

71-013347 Schulz, P. D. FISH REMAINS FROM A HISTORIC CENTRAL CALIFORNIA INDIAN VILLAGE. *Calif. Fish Game* 65(4):273-276. Oct. 1979. SFA 25(1)

71-013348 Skea, J. C.; Harris, E. J.; Jackling, S.; Spagnoli, J. J.; Colquhoun, J. R.; Symula, J. and Simonin, H. A. REDUCING LEVELS OF MIREX, AROCLOR 1254, AND DDE BY TRIMMING AND COOKING LAKE ONTARIO BROWN TROUT (/SALMO TRUTTA/ LINNAEUS) AND SMALL MOUTH BASS (/MICROPTERUS DOLOMIEUI/ LACEPEDE). *J. Great Lakes Res.* 5(2):153-159. 1979. SFA 25(1)

71-013349 Tabachek, J. L. and Yurkowski, M. ISOLATION AND IDENTIFICATION OF BLUE-GREEN ALGAE PRODUCING MUDDY ODOR METABOLITES, GEOSMIN, AND 2-METHYLISOBORNEOL, IN SALINE LAKES IN MANITOBA. *J. Fish. Res. Board Can.* 33(1):25-35. Jan. 1976. In English with French summ. SFA 21(1)

71-013350 Whitaker, D. R. WORLD UTILIZATION OF HAKE. *Mar. Fish. Rev.* 42(1):4-7. Jan. 1980. SFA 25(3)

MISC. TECHNIQUES AND EQUIPMENT

71-013351 Abell, P. R.; Richardson, L. B. and Burton, D. T. ELECTRONIC CONTROLLER FOR PRODUCING CYCLIC TEMPERATURES IN AQUATIC STUDIES. *Prog. Fish-Cult.* 39 (3): 139-141. July 1977. SFA 22(4)

71-013352 Aggus, L. R. and Rainwater, W. C. ESTIMATING LARGEMOUTH BASS POPULATIONS IN RESERVOIRS FROM CATCHES IN ANGLING TOURNAMENTS. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 29:106-114. 1975[1976]. SFA 22(3)

71-013353 Busdosh, M. and Manning, A. E. A SIMPLE DEVICE FOR RETRIEVING INSTRUMENTS OR TRAPS SET UNDER ICE. *J. Fish. Res. Board Can.* 34 (12): 2409-2410. Dec. 1977. In English with French summ. SFA 23(2)

71-013354 Cadwallader, P. L. EFFECT OF FORMALIN ON THE LENGTH AND WEIGHT OF /GALAXIAS VULGARIS/ (PISCES: SALMONIFORMES: GALAXIIDAE). *Mauri Ora* 2: 63-66. 1974. SFA 24(2)

71-013355 Christensen, G. M.; Fiandt, J. T. and Benoit, D. A. ESTIMATION OF LIVE FISH WEIGHT BY PHOTOGRAPHY. *Prog. Fish-Cult.* 39 (1): 41-42. Jan. 1977. SFA 22(2)

71-013356 Coombs, R. F. DIGITAL SYSTEM FOR RECORDING FISH ECHOES. *N. Z. J. Mar. Freshwater Res.* 11 (3): 479-488. Sept. 1977. SFA 23(4)

71-013357 Davies, I. E.; Vent, R. J. and Brown, J. C. FISH SCHOOL ACOUSTIC TARGET STRENGTH. *J. Cons. Cons. Int. Explor. Mer* 37 (3): 288-292. Sept. 1977. SFA 23(2)

71-013358 DeFoe, D. L. TEMPERATURE SAFETY DEVICE FOR AQUATIC LABORATORY SYSTEMS. *Prog. Fish-Cult.* 39 (3): 131. July 1977. SFA 22(4)

71-013359 Foote, K. G. ON REPRESENTING THE LENGTH DEPENDENCE OF ACOUSTIC TARGET STRENGTHS OF FISH. *J. Fish. Res. Board Can.* 36(12):1490-1496. Dec. 1979. In English with French summ. SFA 25(1)

71-013360 Foote, K. G. ANGULAR MEASURES OF DORSAL ASPECT TARGET STRENGTH FUNCTIONS OF FISH. *Fiskeridir. Skr. Ser. Havunders.* 17(2):49-70. 1980. SFA 25(4)

71-013361 Foote, K. G. AVERAGING OF FISH TARGET STRENGTH FUNCTIONS. *J. Acoust. Soc. Am.* 67(2):504-515. Feb. 1980. SFA 25(2)

71-013362 Godin, J.-G.; Dill, P. A. and Sankurathri, M. A COMPARISON OF THE RELATIVE VARIABILITY OF WET AND DRY WEIGHTS OF YOUNG PINK SALMON (ONCORHYNCHUS GORBUSCHA/ WALBAUM). *Dep. Environ. Fish. Mar. Serv. Tech. Rep.* No. 702. iii + 8p. 1977. In English with French summ. SFA 22(3)

71-013363 Gold, B. A. and Renshaw, W. E. JOINT VOLUME REVERBERATION AND BIOLOGICAL MEASUREMENTS IN THE TROPICAL WESTERN ATLANTIC. *J. Acoust. Soc. Am.* 63 (6): 1809-1819. June 1978. SFA 23(4)

71-013364 Goodbred, S. and Occhiogrosso, T. METHOD FOR PHOTOGRAPHING SMALL FISH. *Prog. Fish-Cult.* 41 (2): 76-77. Apr. 1979. SFA 24(3)

71-013365 Graves, J. PHOTOGRAPHIC METHOD FOR MEASURING SPACING AND DENSITY WITHIN PELAGIC FISH SCHOOLS AT SEA. *NOAA Fish. Bull.* 75 (1): 230-234. Jan. 1977. SFA 22(2)

71-013366 Greentree, W. J. and Aldrich, R. C. EVALUATING STREAM TROUT HABITAT ON LARGE-SCALE AERIAL COLOR PHOTOGRAPHS. *U.S. For. Serv. Res. Pap. PSW-* 123. 21p. 1976. SFA 23(2)

71-013367 Grimes, C. B. and Hollingsworth, J. E. AN AUTOMATIC DATA PROCESSING SYSTEM FOR STORAGE AND MANIPULATION OF LIFE HISTORY, CATCH, AND ANGLER EFFORT DATA. *Estuaries* 2 (2): 123-126. June 1979. SFA 24(3)

71-013368 Herke, W. H. AN EASILY MADE, DURABLE FISH-MEASURING BOARD. *Prog. Fish-Cult.* 39 (1): 48-49. Jan. 1977. SFA 22(2)

71-013369 Hewitt, R. P.; Smith, P. E. and Brown, J. C. DEVELOPMENT AND USE OF SONAR MAPPING FOR PELAGIC STOCK ASSESSMENT IN THE CALIFORNIA CURRENT AREA. *NOAA Fish. Bull.* 74(2):281-300. Apr. 1976. SFA 21(2)

71-013370 Hightower, G. M.; Kimball, K. T. and Bedinger, C. A., Jr. A WATER-POWERED MECHANICAL DEVICE FOR ACCURATELY SUBSAMPLING LARGE NUMBERS OF NEKTONIC ORGANISMS. *Trans. Am. Fish. Soc.* 105 (4): 509-513. July 1976. SFA 21(4)

71-013371 Holanov, S. H. SENSITIVE LIGHT METER FOR FISH BEHAVIOR STUDIES. *Prog. Fish-Cult.* 42(2):120-122. Apr. 1980. SFA 25(3)

71-013372 Holliday, D. V. and Smith, P. E. SEASONAL CHANGES IN FISH SIZE DISTRIBUTIONS AS DETECTED BY ACOUSTIC RESONANCE SURVEY AND BY CONVENTIONAL SAMPLING. *J. Acoust. Soc. Am.* 64 (suppl.1): 95. 1978. Abstract only. SFA 24(1)

71-013373 Huang, K. and C. S. Clay. BACKSCATTERING CROSS SECTIONS OF LIVE FISH: PDF AND ASPECT. *J. Acoust. Soc. Am.* 67(3):795-802. Mar. 1980. SFA 25(2)

71-013374 Hughes, S. E. SIMPLE CONTAINER FOR THE COLLECTION AND STORAGE OF OTOLITHS. *Calif. Fish Game* 62 (4): 306-307. Oct. 1976. SFA 21(4)

71-013375 Information Systems Technical Laboratory. MAP INDEXING SYTEMS USER'S MANUAL. *U.S. Fish Wildl. Serv.* FWS/OBS-78/64. v + 23p. Mar. 1978. SFA 24(1)

71-013376 Ishi, T. STUDIES ON COUNTING THE ECHO PATTERN OF INDIVIDUAL FISH BY PATTERN ANALYSIS METHOD--V. ANALYSIS OF THE RELATIONSHIP BETWEEN ECHO PATTERN COUNTS AND FISH DENSITY BY THE SIMULATION METHOD. *Bull. Jpn. Soc. Sci. Fish.* 43 (2): 151-161. Feb. 1977. SFA 22(3)

71-013377 Ishii, T. STUDIES ON COUNTING THE ECHO PATTERN OF INDIVIDUAL FISH BY PATTERN ANALYSIS METHOD--IV. DESIGN OF THE ECHO PATTERN MASK. *Bull. Jpn. Soc. Sci. Fish.* 43(1): 19-30. Jan. 1977. SFA 22(3)

71-013378 Jones, B. C. and Geen, G. H. MORPHOMETRIC CHANGES IN AN ELASMOBRANCH (/SQUALUS ACANTHIAS/) AFTER PRESERVATION. *Can. J. Zool.* 55 (6): 1060-1062. June 1977. In English with French summ. SFA 22(4)

71-013379 Kanemori, R. Y. and Ehrenberg, J. E. A MICROCOMPUTER-BASED ECHO-INTEGRATION SYSTEM FOR FISH POPULATION ASSESSMENT. *Ocean '78: Fourth Annu. Conf. Mar. Technol. Soc., Washington, DC and Inst. Elec. Electron. Eng., Inc., New York* 4: 204-207. 1978. SFA 24(1)

71-013380 Kanep, S. V. IMPROVEMENTS IN ICHTHYOLOGICAL RESEARCH METHODS. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 14 (4): 599-603. 1974. SFA 21(2)

71-013381 Kemmerer, A. J. and Butler, J. A. FINDING FISH WITH SATELLITES. *Mar. Fish. Rev.* 39 (1): 16-21. Jan. 1977. SFA 22(4)

71-013382 Kucera, P. A. and Kennedy, J. L. EVALUATION OF A SPHERE VOLUME METHOD FOR ESTIMATING FISH FECUNDITY. *Prog. Fish-Cult.* 39 (3): 115-117. July 1977. SFA 22(4)

71-013383 Kuhn, D. L.; Plafkin, J. L. and Cairns, J., Jr. A SYSTEM FOR RECORDING AND PROCESSING TAXONOMIC DATA. *Water Resour. Bull.* 14 (6): 1507-1509. Dec. 1978. SFA 24(2)

71-013384 Lemke, A. E. and Dawson, W. F. TEMPERATURE-MONITORING AND SAFETY-CONTROL DEVICE. *Prog. Fish-Cult.* 41(3):165-166. July 1979. SFA 25(1)

71-013385 Lesh, E. W. A HEAD-OFF METHOD OF MEASURING CHINOOK AND COHO SALMON. *Calif. Fish Game* 66(1):59-62. Jan. 1980. SFA 25(2)

71-013386 Lord, G.; Acker, W. C.; Hartt, A. C. and Rothschild, B. J. AN ACOUSTIC METHOD FOR THE HIGH-SEAS ASSESSMENT OF MIGRATING SALMON. *NOAA Fish. Bull.* 74(1):104-111. Jan. 1976. SFA 21(1)

71-013387 Love, R. H. A MODEL FOR ESTIMATING DISTRIBUTIONS OF FISH SCHOOL TARGET STRENGTHS. *J. Acoust. Soc. Am.* 64 (suppl.1): 96. 1978. Abstract only. SFA 24(1)

71-013388 Love, R. H. RESONANT ACOUSTIC SCATTERING BY SWIMBLADDER-BEARING FISH. *J. Acoust. Soc. Am.* 64 (2): 571-580. Aug. 1978. SFA 23(4)

71-013389 Love, R. H. TARGET STRENGTH OF AN INDIVIDUAL FISH AT ANY ASPECT. *J. Acoust. Soc. Am.* 62 (6): 1397-1403. Dec. 1977. SFA 23(2)

71-013390 Lundstrom, R. C. IDENTIFICATION OF FISH SPECIES BY THIN-LAYER POLYACRYLAMIDE GEL ISOELECTRIC FOCUSING. *NOAA Fish. Bull.* 75 (3): 571-576. July 1977. SFA 23(1)

71-013391 Maniwa, Y. and Furusawa, M. HYDROACOUSTIC SYSTEM FOR FISH COUNTING. *J. Acoust. Soc. Am.* 64 (suppl.1): 95. 1978. Abstract only. SFA 24(1)

71-013392 Manns, R. E., Jr. and B. G. Whiteside. INACCURACY OF SEX DETERMINATION IN GUADALUPE AND LARGEMOUTH BASS ON THE BASIS OF EXTERNAL CHARACTERISTICS. *Prog. Fish-Cult.* 42(2):116-117. Apr. 1980. SFA 25(3)

71-013393 Marshall, K. E. ONLINE RETRIEVAL OF INFORMATION: A COMPARISON OF DIFFERENT SYSTEMS USED TO PRODUCE A BIBLIOGRAPHY ON EPHEMEROPTERA AND POLLUTION 1969-78. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 878. iv + 18p. July 1979. In English with French summ. SFA 24(4)

71-013394 McElroy, P. T. ACOUSTICS IN MARINE FISHERIES--AN UNDERUSED TOOL. *Oceanus* 20 (2): 59-66. 1977. SFA 22(3)

71-013395 McMahon, T. E. and Tash, J. C. EFFECTS OF FORMALIN (BUFFERED AND UNBUFFERED) AND HYDROCHLORIC ACID ON FISH OTOLITHS. *Copeia* 1979 (1): 155-156. 20 Feb. 1979. SFA 24(2)

71-013396 Miller, S. M. and Gaffney, F. G. SYSTEM LBOOK: A FISHERIES LOGBOOK INFORMATION MANAGEMENT SYSTEM. *Alaska Dep. Fish Game Inf. Leafl.* No. 178. 69p. Feb. 1979. SFA 24(3)

71-013397 Mitterer, L. G. and Pearson, W. D. ROSE BENGAL STAIN AS AN AID IN SORTING LARVAL FISH SAMPLES. *Prog. Fish-Cult.* 39 (3): 119-121. July 1977. SFA 22(4)

71-013398 Neitzel, D. A.; Page, T. L. and Barraclough, S. A. SELF-INFLATING BUOY FOR UNDERWATER USE. *Prog. Fish-Cult.* 41(3):119-120. July 1979. SFA 25(1)

71-013399 Norton, V. M.; Nishimura, H. and Davis, K. B. A TECHNIQUE FOR SEXING CHANNEL CATFISH. *Trans. Am. Fish. Soc.* 105 (3): 460-462. May 1976. SFA 21(3)

71-013400 Orr, M. H.; Hays, E. E. and Hess, F. R. ACOUSTIC DETECTION OF DEMERSAL FISH CLOSER THAN 15 CENTIMETRES TO THE BOTTOM IN 80 METRES OF WATER. *J. Fish. Res. Board Can.* 35 (8): 1155-1156. Aug. 1978. In English with French summ. SFA 23(4)

71-013401 Penrose, J. D. and Kaye, G. T. COMPARISON OF TARGET STRENGTHS OF MARINE ORGANISMS. *J. Acoust. Soc. Am.* 64 (suppl.1): 96. 1978. Abstract only. SFA 24(1)

71-013402 Penrose, J. D. and Kaye, G. T. ACOUSTIC TARGET STRENGTHS OF MARINE ORGANISMS. *J. Acoust. Soc. Am.* 65 (2): 374-380. Feb. 1979. SFA 24(3)

71-013403 Peterson, M. L.; Clay, C. S. and Brandt, S. B. ACOUSTIC ESTIMATES OF FISH DENSITY AND SCATTERING FUNCTION. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):74. 1976. Abstract only. SFA 21(1)

71-013404 Peterson, M. L.; Clay, C. S. and Brandt, S. B. ACOUSTIC ESTIMATES OF FISH DENSITY AND SCATTERING FUNCTION. *J. Acoust. Soc. Am.* 60 (3): 618-622. Sept. 1976. SFA 21(3)

71-013405 Pieper, R. E. and B. G. Bargo. ACOUSTIC MEASUREMENTS OF A MIGRATING LAYER OF THE MEXICAN LAMPFISH, *TRIPHOTURUS MEXICANUS*, AT 102 KILOHERTZ. *NOAA Fish. Bull.* 77(4):935-942. 1980. SFA 25(4)

71-013406 Platts, W. S. and V. E. Penton. A NEW FREEZING TECHNIQUE FOR SAMPLING SALMONID REDDS. *U.S. For. Serv. Res. Rep.* INT-248. 22p. 1980. SFA 25(3)

71-013407 Provine, W. C. SALT METHOD FOR DETERMINING POND VOLUME. *Prog. Fish-Cult.* 38 (3): 135-137. July 1976. SFA 21(4)

71-013408 Robinson, F. W.; Tash, J. C. and Holanov, S. H. COOLING DISCONTINUOUS WATERS WITH A SINGLE REFRIGERATION UNIT. *Prog. Fish-Cult.* 40 (1): 15. Jan. 1978. SFA 23(2)

71-013409 Rosenthal, H.; Kuhlmann, D. and Fukuhara, O. SHRINKAGE OF NEWLY HATCHED LARVAE OF THE RED SEA BREAM (/CHRYSOPHRYS MAJOR/ TEMMINCK & SCHLEGEL) PRESERVED IN FORMALIN. *Arch. Fischereiwiss.* 29 (1/2): 59-63. June 1978. In English with German summ. SFA 23(4)

71-013410 Sameoto, D. D. QUANTITATIVE MEASUREMENTS OF EUPHAUSIIDS USING A 120-kHz SOUNDER AND THEIR IN SITU ORIENTATION. *Can. J. Fish. Aquatic Sci.* 37(4):693-702. Apr. 1980. SFA 25(2)

71-013411 Saville, A., (ed.). SURVEY METHODS OF APPRAISING FISHERY RESOURCES. *FAO Fish. Tech. Pap.* No. 171. vi + 76p. 1977. SFA 23(4)

71-013412 Shirazi, M. A.; Lewis, D. H. and Seim, W. K. MONITORING SPAWNING GRAVEL IN MANAGED FORESTED WATERSHEDS. A PROPOSED PROCEDURE. *U.S. Environ. Prot. Agency Ecol. Res. Ser.* EPA-600/3-79-014. v + 14p. Feb. 1979. SFA 24(4)

71-013413 Smith, P. E. ACOUSTIC CHARACTERISTICS OF POPULATIONS OF EPIPELAGIC SCHOOLING FISH. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):74. 1976. Abstract only. SFA 21(1)

71-013414 Steele, J. and Rectenwald, H. INEXPENSIVE GRADUATED CYLINDER FOR MEASURING LARGE QUANTITIES OF LIQUIDS. *Prog. Fish-Cult.* 38(3):164. July 1976. SFA 21(4)

71-013415 Stira, R. J.; Reed, R. J. and Middleman, S. A METHOD FOR MAKING ARTIFICIAL FISH EGGS. *Trans. Am. Fish. Soc.* 105 (2): 349-350. Mar. 1976. SFA 21(2)

71-013416 Thorne, R. E. A NEW DIGITAL HYDROACOUSTIC DATA PROCESSOR AND SOME OBSERVATIONS ON HERRING IN ALASKA. *J. Fish. Res. Board Can.* 34 (12): 2288-2294. Dec. 1977. In English with French summ. SFA 23(2)

71-013417 Thorne, R. E. DETECTION AND QUANTIFICATION OF FISH POPULATIONS BY ULTRASONIC ECHO RANGING. *J. Acoust. Soc. Am.* 59(Suppl. No. 1):73. 1976. Abstract only. SFA 21(1).

71-013418 Thorne, R. E. ECHO SOUNDING AND FISH POPULATION ESTIMATION. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 257-264. 1976. SFA 23(2)

71-013419 Thorne, R. E. INVESTIGATIONS INTO THE ACCURACY AND PRECISION OF HYDROACOUSTIC TECHNIQUES FOR FISHERY RESOURCE ASSESSMENT. *J. Acoust. Soc. Am.* 64 (suppl. 1): 96. 1978. Abstract only. SFA 24(1)

71-013420 Traynor, J. J. and Ehrenberg, J. E. EVALUATION OF THE DUAL BEAM ACOUSTIC FISH TARGET STRENGTH MEASUREMENT METHOD. *J. Fish. Res. Board Can.* 36(9):1065-1071. Sept. 1979. In English with French summ. SFA 25(1)

71-013421 Traynor, J. J. and Ehrenberg, J. E. IN SITU TARGET STRENGTH MEASUREMENT FOR ACOUSTIC FISH STOCK ASSESSMENT. *J. Acoust. Soc. Am.* 64 (suppl.1): 95. 1978. Abstract only. SFA 24(1)

71-013422 Trout, G. C. PROCEDURES FOR RESEARCH VESSEL DESIGN. *Minist. Agric. Fish. Food Fish. Invest. Ser. II* 27(10):viii + 33p. 1975. SFA 21(1).

71-013423 Vanselous, T. M. FISHERY ENGINEERING ADVANCEMENTS: A 5-YEAR SEFC PROGRESS REPORT. *Mar. Fish. Rev.* 39 (4): 12-24. Apr. 1977. SFA 22(3)

71-013424 Vent, R. J. FISH SCHOOL TARGET STRENGTH MEASUREMENTS OFF SOUTHERN CALIFORNIA. *J. Acoust. Soc. Am.* 64 (suppl.1): 96. 1978. Abstract only. SFA 24(1)

71-013425 Walton, J. M. and Bartoo, N. W. FLATFISH DENSITIES DETERMINED WITH DIVER-OPERATED FLOUNDER SAMPLER. *J. Fish. Res. Board Can.* 33 (12): 2834-2836. Dec. 1976. In English with French summ. SFA 22(1)

71-013426 Weber, C. I. DESIGN OF AN EPA COMPUTER-BASED SYSTEM FOR THE STORAGE, RETRIEVAL AND ANALYSIS OF DATA ON COMMUNITIES OF INDIGENOUS AQUATIC ORGANISMS. *Presented at the 24th Annu. Meeting N. Am. Benthol. Soc., La Crosse, Wis., March 24-26, 1976.* Mar. 1976. SFA 21(1).

71-013427 Whitworth, W. R. and R. E. Schmidt. SNORKELING AS A MEANS OF EVALUATING FISH POPULATIONS IN STREAMS. *N.Y. Fish Game J.* 27(1):91-94. Jan. 1980. SFA 25(3)

71-013428 Williams, D. D. AIR-POWERED STREAM TANK FOR LABORATORY USE. *Prog. Fish-Cult.* 41(2):88-89. Apr. 1979. SFA 24(3)

71-013429 Wurtsbaugh, W. A. and Davis, G. E. LABORATORY APPARATUS FOR PROVIDING DIEL TEMPERATURE REGIMES FOR AQUATIC ANIMALS. *Prog. Fish-Cult.* 38 (4): 198-199. Oct. 1976. SFA 21(4).

71-013430 Yeh, C. F. and Hodson, R. G. EFFECTS OF FORMALIN ON LENGTH AND WEIGHT OF BLUEGILL AND WHITE CRAPPIE FROM LAKE NASWORTHY, TEXAS. *Southwest. Nat.* 20 (3): 315-322. 10 Oct. 1975. SFA 22(2)

REVIEWS, BIBLIOGRAPHIES, ETC.

71-013431 Alderdice, D. F.; Bams, R. A. and Velsen, F. P. J. FACTORS AFFECTING DEPOSITION, DEVELOPMENT, AND SURVIVAL OF SALMONID EGGS AND ALEVINS. A BIBLIOGRAPHY, 1965-1975. *Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 743. iv + 276p. Oct. 1977. In English with French summ. SFA 23(2)

71-013432 Anonymous. HOMER SCOTT SWINGLE. PUBLICATIONS. *J. Mar. Sci.* 2(3):9-18. 1974. SFA 22(3)

71-013433 Atton, F. M.; Johnson, R. P. and Smith, N. W. BIBLIOGRAPHY OF LIMNOLOGY AND AQUATIC FAUNA AND FLORA OF SASKATCHEWAN 1974. *Saskatchewan Dep. Tourism Renewable Resour. Fish. Bull.* no. 10. vi + 33p. 1974. SFA 24(3)

71-013434 Brandt, A. V., (compiler). BIBLIOGRAPHY FOR FISHERMEN'S TRAINING. *FAO Fish. Tech. Pap.* No. 184. ix + 176p. 1978. SFA 24(3)

71-013435 Cleugh, T. R. and L. R. Russell. FISHERIES AND FISH RELATED PUBLICATIONS IN THE YUKON TERRITORY. *Can. Dep. Fish. Oceans Tech. Rep.* No. 938. Apr. 1980. In English with French summ. SFA 25(3)

71-013436 Cope, O. B. INDEX TO FISHERY PUBLICATIONS OF THE COLORADO DIVISION OF WILDLIFE 1941-1975. *Colo. Div. Wildl. Div. Rep.* no. 8. 100p. May 1977. SFA 22(3)

71-013437 Cunningham, B. T., compiler. FISHERIES MANAGEMENT DIVISION PUBLICATIONS 1976. *N.Z. Minist. Agric. Fish. Fish. Tech. Rep.* No. 148. 8p. 1977. SFA 23(2)

71-013438 De, A. LIST OF PUBLICATIONS OF THE CENTRAL INLAND FISHERIES RESEARCH INSTITUTE (1948-1976). *Cent. Inland Fish. Res. Inst. Barrackpore Bull.* no. 22. 101p. Dec. 1977. SFA 24(1)

71-013439 Ecology Consultants, Inc. ANNOTATED BIBLIOGRAPHY OF NATURAL RESOURCE INFORMATION: NORTHWESTERN COLORADO. *U.S. Fish Wildl. Serv.* FWS/OBS-77/35. vi + 185p. Sept. 1977. SFA 24(1)

71-013440 Ecology Consultants, Inc. and Dames and Moore, Consulting Engineers. ANNOTATED BIBLIOGRAPHY OF NATURAL RESOURCE INFORMATION: NORTHWESTERN NEW MEXICO. *U.S. Fish Wildl. Serv.* FWS/OBS-77/33. vi + 141p. Sept. 1977. SFA 24(1)

71-013441 Engett, M. E. and Thorson, L. C. FISHERY PUBLICATION INDEX, 1965-74. *NOAA Tech. Rep. NMFS Circ.* 400. iii + 220p. Mar. 1977. SFA 22(3)

71-013442 Environment Canada. SIXTEENTH SUPPLEMENT TO LIST OF ARTICLES IN THE TRANSLATION SERIES NO. 3326-3625 (WITH INDEXES TO AUTHORS AND TO TRANSLATORS). *Environ. Can. Fish. Mar. Serv. Transl. Ser.* 41p. Jan. 1976. SFA 21(1).

71-013443 FAO of the UN. WORLD LIST OF AQUATIC SCIENCES AND FISHERIES SERIAL TITLES. *FAO Fish. Tech. Pap.* No. 147(suppl. 4):x + 120p. Feb. 1980. SFA 25(4)

71-013444 FAO of the UN. WORLD LIST OF AQUATIC SCIENCES AND FISHERIES SERIAL TITLES. *FAO Fish. Tech. Pap.* No. 147 Suppl. 3. x + 148p. July 1978. SFA 24(1)

71-013445 Fisheries and Environment Canada. SEVENTEENTH SUPPLEMENT TO LIST OF ARTICLES IN THE TRANSLATION SERIES NO. 3626-3925 (WITH AUTHORS INDEX). *Fish. Environ. Can. Fish. Mar. Serv. Transl. Ser.* no. 3626-3925. 40p. Jan. 1977. SFA 22(3)

71-013446 Fuglister, C. B. BIBLIOGRAPHY OF TECHNICAL REPORTS. 1976. *Woods Hole Oceanogr. Inst., Woods Hole, Mass.* WHOI-76-116. 9p. Jan. 1977. SFA 22(3)

71-013447 Gulf Coast Research Institute. COASTAL MARSH PRODUCTIVITY. A BIBLIOGRAPHY. *U.S. Fish Wildl. Serv.* FWS/OBS-77/3. xvi + 300p. Oct. 1977. SFA 23(3)

71-013448 Gulf South Research Institute. BARRIER ISLANDS OF THE ATLANTIC AND GULF COASTS OF THE UNITED STATES: AN ANNOTATED BIBLIOGRAPHY. *U.S. Fish Wildl. Serv.* FWS/OBS-77/56. xii + 215p. Apr. 1978. SFA 23(4)

71-013449 Gulf South Research Institute. IMPACTS OF MOSQUITO CONTROL PRACTICES. *U.S. Fish Wildl. Serv.* FSW/OBS-76/22. v + 97p. Apr. 1977. SFA 22(4)

71-013450 Hartmann, D. L.; Hartmann, L. A. and von Geldern, C. E. A BLUEGILL BIBLIOGRAPHY WITH ABSTRACTS AND ANNOTATIONS. *Calif. Dep. Fish Game Inland Fish. Admin. Rep.* No. 79-1. 196p. Dec. 1978. SFA 24(3)

71-013451 Hodder, V. M., (compiler). INDEX AND LIST OF TITLES OF ICNAF PUBLICATIONS, 1951-79. *Int. Comm. Northwest Atl. Fish Spec. Publ.* No. 11(revised). 193p. 1980. SFA 25(4)

REVIEWS, BIBLIOGRAPHIES, ETC. (CONTINUED)

71-013452 Horseman, L. C. and Kernehan, R. J. AN INDEXED BIBLIOGRAPHY OF THE STRIPED BASS, /MORONE SAXATILIS/ 1670-1976. *Ichthyol. Assoc. Inc. Bull.* 13:118p. 1976. SFA 21(1).

71-013453 Klement, A. W., Jr. and Schultz, V. TERRESTRIAL AND FRESHWATER RADIOECOLOGY. A SELECTED BIBLIOGRAPHY. *U.S. Dep. Energy* TID-3910-512. iv + 137p. 1978. SFA 24(2)

71-013454 Marshall, K. E. and Kays, M. AN INDEX TO THE PUBLICATIONS OF THE STAFF OF THE FRESHWATER INSTITUTE, WINNIPEG, 1976-77. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 764. iv + 41p. Apr. 1978. In English with French summ. SFA 23(3)

71-013455 Marshall, K. E. A BIBLIOGRAPHY OF THE LAKE TROUT, /SALVELINUS NAMAYCUSH/ (WALBAUM), 1970-77. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 799. iv + 11p. Aug. 1978. In English with French summ. SFA 24(1)

71-013456 New Zealand Ministry of Agriculture and Fisheries. FISHERIES RESEARCH PUBLICATIONS 1927-78. *N.Z. Minist. Agric. Fish. Fish. Res. Div. Occas. Publ.* No. 1. 31p. 1978. SFA 24(1)

71-013457 Nicholson, H. F. LIST OF THE PUBLISHED AND PRESENTED PAPERS BY THE STAFF OF THE GREAT LAKES BIOLIMNOLOGY LABORATORY, 1968-1978. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 874. v + 30p. July 1979. SFA 24(4)

71-013458 Nicholson, H. F. BIBLIOGRAPHY ON THE LIMNOLOGY AND FISHERIES OF CANADIAN FRESHWATERS. NO. 6. *Can. Dep. Fish. Oceans Tech. Rep.* No. 911. v + 105p. Jan. 1980. In English with French summ. SFA 25(2)

71-013459 Nicholson, H. F. BIBLIOGRAPHY ON THE LIMNOLOGY AND FISHERIES OF CANADIAN FRESHWATERS. NO. 5. *Fish. Environ. Can. Fish. Mar. Serv. Tech. Rep.* No. 804. 1978. SFA 24(1)

71-013460 Northcutt, R. G., (Organizer). RECENT ADVANCES IN THE BIOLOGY OF SHARKS. *Am. Zool.* 17(2):287-515. 1977. SFA 22(4)

71-013461 Pfeifer, W. E. BIBLIOGRAPHY OF THE FISHES OF THE BEAUFORT SEA. *Biol. Pap. Univ. Alaska* No. 17. 76p. July 1977. SFA 23(1)

71-013462 Rogers, D. J., (compiler). A BIBLIOGRAPHY OF AFRICAN ECOLOGY. A GEOGRAPHICALLY AND TOPICALLY CLASSIFIED LIST OF BOOKS AND ARTICLES. *Afr. Bibliogr. Cent. Spec. Bibliogr. Ser. New Ser.* No. 6. xxi + 499p. 1979. SFA 24(2)

71-013463 Smith, E. M. BIBLIOGRAPHY: WILLAMETTE SPRING CHINOOK SALMON ADULTS. *Oreg. Dep. Fish. Wildl. Inf. Rep. Ser. Fish.* No. 80-3. 10p. May 1980. SFA 25(4)

71-013464 Spivey, R. B. (Compiler). BIBLIOGRAPHY OF TECHNICAL REPORTS 1979. *Woods Hole Oceanogr. Inst. Tech. Rep.* WHOI-80-14. 12p. 1979. SFA 25(2)

71-013465 U.S. Environmental Protection Agency. ORD PUBLICATIONS SUMMARY SEPTERMBER 1976. *U.S. Environ. Prot. Agency ORD Publ. Summ.* EPA-600/9-76-013c. vi + 278p. sept. 1976. SFA 22(2)

71-013466 U.S. Environmental Protection Agency. ORD PUBLICATIONS SUMMARY. *U.S. Environ. Prot. Agency* EPA/600/9-76-013a. vii + 235p. Mar. 1976. SFA 21(1).

71-013467 Utah Division of Wildlife Resources; Ecology Consultants, Inc., and (compilers). ANNOTATED BIBLIOGRAPHY OF NATURAL RESOURCE INFORMATION: SOUTHERN UTAH. *U.S. Fish Wildl. Serv.* FWS/OBS-77/34. vi + 246p. Sept. 1977. SFA 24(2)

71-013468 Waterman, J. J. KEY TO ADVISORY NOTES 1-59. *Torry Res. Stn. Advis. Note* No. 60. 22p. 1973. SFA 24(1)

SPORT FISHING-TECHNIQUES, ETC.

71-013469 Freeman, B. L. and Walford, L. A. ANGLER'S GUIDE TO THE UNITED STATES ATLANTIC COAST. *U.S. Dep. Commerce, NMFS, Washington, D.C.* July 1976. SFA 22(2)

71-013470 O'Grady, K. T. and P. C. R. Hughes. FACTORIAL ANALYSIS OF AN EXPERIMENTAL COMPARISON OF THREE METHODS OF FISHING FOR RAINBOW TROUT, *SALMO GAIRDNERI* RICHARDSON, IN STILL WATER. *J. Fish Biol.* 16(3):257-264. Mar. 1980. SFA 25(3)

71-013471 Smith, S. E. CHANGES IN SALTWATER ANGLING METHODS AND GEAR IN CALIFORNIA. *Mar. Fish. Rev.* 41(9):32-44. Sept. 1979. SFA 25(1)

71-013472 Squire, J. L., Jr. ANGLERS' GUIDE TO THE UNITED STATES PACIFIC COAST. *U.S. Dep. Commer., Natl. Mar. Fish Serv., Washington, DC* v + 139p. Nov. 1977. SFA 23(3)

WATERSHED MANAGEMENT

71-013473 Clark, W. F., (ed.). PROCEEDINGS OF THE FORT UNION COAL FIELD SYMPOSIUM (5 VOL.). *Montana Acad. Sci., Billings* 706p. Apr. 1975. Order from Eastern Montana College bookstore, Billings, MT 59101 at $8.75 per set of 5 volumes.

71-013474 Mangum, F. A. ANALYSIS OF MACROINVERTEBRATE SAMPLES FROM TEN ROCKY MOUNTAIN STREAMS. *Ph.D. dissertation, Brigham Young Univ.* 272p. 1975. From Diss. Abstr. Int. B Sci. Eng. 36(8), 1976. SFA 21(1).

71-013475 Mrazik, B. R. THE EFFECTS OF LAND USE AND LAND USE CHANGE ON THE YIELDS OF STREAMS IN MASSACHUSETTS. *Ph. D. dissertation, Univ. Mass.* 233p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(1), 1976. SFA 21(4)

71-013476 Patric, J. H. and Aubertin, G. M. LONG-TERM EFFECTS OF REPEATED LOGGING ON AN APPALACHIAN STREAM. *J. For.* 75 (8): 492-494. Aug. 1977. SFA 22(4)

71-013477 Segretto, P. S. THE RELATIONSHIP BETWEEN URBANIZATION AND STREAMFLOW IN THE HILLSBOROUGH RIVER BASIN, 1940-1970. *Ph. D. dissertation, Univ. Fla.* 284p. 1975. From Diss. Abstr. Int. B Sci. Eng. 37(7), 1977. SFA 22(2)

71-013478 Stewart, R. E., Jr. NEW ENERGY RESEARCH IN THE FISH AND WILDLIFE SERVICE. *Proc. Fort Union Coal Field Symp.* Vol. 1. 81-86. Apr. 1975. SFA 23(1)

WATER USE AND CONSERVATION

71-013479 Baughman, J. WYOMING'S WATER ... GOING FAST. *Wyo. Wildl.* 43(12):6-9. Dec. 1979. SFA 25(1)

71-013480 Bowler, B. UTILITY OF EQUITY LAW FOR PRESERVING INSTREAM FLOWS *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 57:267-272. July 1977. SFA 23(3)

71-013481 Doerksen, H. R. WATER ALLOCATION: CONSTRAINTS AND OPPORTUNITIES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 245. 1976. Abstract only. SFA 23(2)

71-013482 Doerksen, H. R. WATER ALLOCATION: CONSTRAINTS AND OPPORTUNITIES. *Fisheries (Bull. Am. Fish. Soc.)* 2 (1): 14-16. Jan.-Feb. 1977. SFA 22(3)

71-013483 Doucet, G. J. and Bider, J. R. HYDROELECTRIC DEVELOPMENTS IN NORTHERN QUEBEC. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 44:225-234. 1979. SFA 25(1)

71-013484 Hauck, F. R. and Edson, Q. A. PUMPED STORAGE: ITS SIGNIFICANCE AS AN ENERGY SOURCE AND SOME BIOLOGICAL RAMIFICATIONS. *Trans. Am. Fish. Soc.* 105(1):158-164. Jan. 1976. SFA 21(1).

71-013485 Hood, E. J. WATERSHED ORGANIZATIONS--IMPACT ON WATER QUALITY MANAGEMENT: AN ANALYSIS OF SELECTED MICHIGAN WATERSHED COUNCILS. *Ph.D. dissertation, Mich. State Univ.* 301 p. 1976. From Diss. Abstr. Int. B Sci. Eng. 37(9), 1977. SFA 22(3)

71-013486 Jones, D. C.; Clark, W. S.; Holland, W. F.; Lacy, J. C. and Sethness, E. D. MONITORING ENVIRONMENTAL IMPACTS OF THE COAL AND OIL SHALE INDUSTRIES RESEARCH AND DEVELOPMENT NEEDS. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-77-015. x + 193p. Feb. 1977. SFA 23(3)

71-013487 Kaufman, K. O. and Schaefer, R. R. WATER FOR ENERGY--WESTERN UNITED STATES. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 242. 1976. Abstract only. SFA 23(2)

71-013488 Kaufman, K. O. and Schaefer, R. R. WATER FOR ENERGY--WESTERN UNITED STATES. *Fisheries (Bull. Am. Fish. Soc.)* 2(1):6-13. Jan.-Feb. 1977. SFA 22(3)

71-013489 Koch, D. L. IMPACTS AND OPPORTUNITIES FOR AQUATIC BIOTA ASSOCIATED WITH ENERGY DEVELOPMENT IN NEVADA. *Cal-Neva Wildl.* 1979:74-77. 1979. SFA 25(2)

71-013490 Lilly, A. B. PROTECTING STREAMFLOWS IN CALIFORNIA. *Ecol. Law Q.* 8(4):697-723. 1980. SFA 25(4)

71-013491 Liston, C. R. and Tack, P. I. A STUDY OF THE EFFECTS OF INSTALLING AND OPERATING A LARGE PUMPED STORAGE PROJECT ON THE SHORES OF LAKE MICHIGAN NEAR LUDINGTON, MICHIGAN. *1974 Rep., Fish. Res., Submitted tc Consumers Power Co.* Vol. I. xx + 166p. 1975. SFA 21(1).

71-013492 Raleigh, R. FISHERIES AND THE ENERGY PROGRAM. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 241. 1976. Abstract only. SFA 23(2)

71-013493 Robbins, T. W. and Mathur, D. THE MUDDY RUN PUMPED STORAGE PROJECT: A CASE HISTORY. *Trans. Am. Fish. Soc.* 105(1):165-172. Jan. 1976. SFA 21(1).

71-013494 Schoumacher, R. BIOLOGICAL CONSIDERATIONS OF PUMPED STORAGE DEVELOPMENT. INTRODUCTORY REMARKS. *Trans. Am. Fish. Soc.* 105(1):155-157. Jan. 1976. SFA 21(1).

71-013495 Simmons, G. M., Jr. THE SMITH MOUNTAIN-LEESVILLE PROJECT: A CASE HISTORY. *Trans. Am. Fish. Soc.* 105(1):173-180. Jan. 1976. SFA 21(1).

71-013496 Stalnaker, C. B. ABSTRACTION, APPROPRIATION, AND INSTREAM FLOW NEEDS. *Proc. Annu. Conf. West. Assoc. State Game Fish Comm.* 56: 243-244. 1976. SFA 23(2)

71-013497 Trelease, F. J. NEW WATER LEGISLATION: DRAFTING FOR DEVELOPMENT, EFFICIENT ALLOCATION AND ENVIRONMENTAL PROTECTION. *Land Water Law Rev. (Univ. Wyo. Coll. Law)* 12 (2): 385-429. 1977. SFA 22(4)

71-013498 U.S. Environmental Protection Agency. ENVIRONMENTAL EFFECTS OF ENERGY--ABSTRACTS OF SELECTED PROJECTS SUPPORTED BY EPA FUNDS. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-77-048. v + 182p. Apr. 1977. SFA 23(2)

71-013499 White, I. L.; LaGrone, F. S.; Hall, T. A.; Lacy, J. C.; Chartock, M. A.; Bartosh, C. P.; Raye, T. D.; Malecki, E. J.; Cabe, D. B.; Leonard, R. L.; Stuart, J. D.; Rappaport, E. B.; Eppright, B. R.; Ballard, S. C.; Freed, R. K.; Wilson, M. L.; Grossman, D. C.; Gilliland, M. W. and Miller, G. D. ENERGY FROM THE WEST. A PROGRESS REPORT OF A TECHNOLOGY ASSESSMENT OF WESTERN ENERGY RESOURCE DEVELOPMENT. VOLUME I. SUMMARY. *U.S. Environ. Prot. Agency Res. Rep. Ser.* EPA-600/7-77-072a. xxix + 153p. July 1977. SFA 23(3)

AUTHOR INDEX

Aalto, S.
71-012712
Aasen, K. D.
71-007403
Abayev, Yu. I.
71-004508
71-004510
Abbakumov, V. P.
71-007677
Abbasov, G. S.
71-007363
Abbott, F. S.
71-003214
Abbott, O. J.
71-010008
71-010530
Abbott, T. M.
71-007678
Abdelghani, A. A.
71-010565
Abdelmalik, W. E. Y.
71-010926
Abdil'dayev, M. A.
71-006874
71-008447
Abdolappa, M. K.
71-000416
Abdulla, A. M.
71-010126
Abdullah, M. I.
71-010531
Abdullayev, M. A.
71-005464
Abdurakhmanov, Yu. A.
71-005465
Abe, H.
71-002102
71-002103
71-002104
Abe, K.
71-003218
Abe, S.
71-005688
71-006355
Abe, T.
71-002925
71-008776
Abel, H.
71-000669
Abel, P. D.
71-010532
71-010533
Abell, P. R.
71-002105
71-002106
71-002356
71-010060
71-013351
Abernathy, A. R.
71-010534
71-010535
Abernethy, C. S.
71-009040
71-009151
Abernethy, K. J.
71-005875
Abidi, S. A. H.
71-006198
Able, K. W.
71-004787
71-004869
71-005466
71-006581
71-006638
71-007372
71-007679
71-008448
Ablett, R. F.
71-000670
Aboobucker, S.
71-010574
Abou-Seedo, F. S.
71-006167
Abraham, M.
71-001372
71-001897
71-002107
71-002622
71-004513
Abraham, S.
71-002897
Abrahamsson, T.
71-002108
71-002109
71-002110
71-002111
71-002112
71-002113
Abram, F. S. H.
71-010536
Abramowitz, J.
71-002114
71-002115
71-002116
Abreu-Grobois, A.
71-004581
Acara, A. H.
71-012912
Aceituno, M. E.
71-005467
71-007680
71-007681
Achey, P.
71-004429
Ackefors, H.
71-000049
71-013146
Acker, W. C.
71-013386
Ackman, R. G.
71-001165
71-009472
71-010812
Acompanado, G.
71-009997
Acton, A. B.
71-009870
71-009937
71-010003
Aczel, J.
71-011298
71-011299
Adachi, H.
71-010959
Adachi, R.
71-011550
Adair, O. V.
71-005043
Adalsteinsson, H.
71-006748
Adam, H.
71-001379
71-001883
71-005020
71-006933
Adams, A.
71-010164
71-010165
Adams, C.
71-012711
Adams, D. M.
71-011948
Adams, G. F.
71-005892
Adams, J. A.
71-007682
Adams, J. C.
71-000050
71-000105
71-000298
71-000412
71-005681
71-006168
Adams, J. R.
71-010009
Adams, L. W.
71-002117
71-010537
Adams, P. B.
71-011619
Adams, S. M.
71-000521
71-005893
71-005894
71-006749
Adams, W. J.
71-010538
71-010855
Adamson, S. W.
71-006750
Adasiak, A.
71-012232
71-012233
Addison, R. F.
71-010539
71-010540
71-010541
71-010542
71-010543
71-010544
71-010545
71-010726
71-010727
Adelman, I. R.
71-002118
71-002119
71-007364
71-010546
71-010547
71-010548
71-010549
71-010550
71-011391
71-011994
Adeney, R. J.
71-001373
71-010551
Adeniji, H. A.
71-013045
Adkins, G.
71-007683
71-011857
Adragna, P. J.
71-010552
71-010553
71-010554
Adreev, V. L.
71-005468
Adron, J. W.
71-000671
71-000712
71-000713
71-003445
Adzhimuradov, K. A.
71-006751
Afanas'yev, V. I.
71-009041
Agarwal, S. K.
71-001789
71-003560
Ager, L. A.
71-000552
71-006752
71-012160
Ager, L. M.
71-005895
71-006576
Aggus, L. R.
71-008294
71-012121
71-013046
71-013352
Aghajanian, J. G.
71-001837
Agius, C.
71-001374
71-002120
71-009222
Agnew, T. T.
71-012713
Agor-Balicanta, A.
71-007365
Agrawal, M. K.
71-011325
71-011326
Agrawal, N. K.
71-000806
71-000807
71-009384
71-009780
Agrawal, S. J.
71-010555
71-011417
Ahern, T. P.
71-010230
Ahlbert, I.-B.
71-001375
Ahlgren, G. E.
71-001058
Ahlstrom, E. H.
71-001989
71-005757
71-007684
71-008498
71-008698
Ahmad, I.
71-005111
Ahmad, J.
71-009473
Ahmad, M. F.
71-002296
Ahmed, A. T. A.
71-009361
71-009474
Ahne, W.
71-009385
71-009386
Ahokas, J. T.
71-010010
Ahokas, R. A.
71-002121
Ahrens, V. D.
71-010556
71-011108
Ahroon, W. A.
71-005001
Ahsanullah, M.
71-001895
Ahuja, M. R.
71-009916
Aida, K.
71-002122
71-002123
71-002124
71-003038
Aimar, C.
71-003703
71-003704
Ainis, L.
71-001376
Ainley, D. G.
71-008335
Akagi, H.
71-010493
71-010557
Akashi, Y.
71-003252
Akert, K.
71-001372
71-001897
Akhmedova, T. P.
71-010757
Akhundov, A.-D. G.
71-008449
Akimova, N. V.
71-007628
Akita, T.
71-003496
Akitake, H.
71-010998
Akiyama, G. S.
71-006407
Akiyama, K.
71-010310
71-010311
71-011544
Akizuki, T.
71-009141
Akoev, G. N.
71-002125
71-002126
Aksiray, F.
71-012377
Akster, H. A.
71-001377
Akstiniene, J.
71-001727
Al-Daham, N. K.
71-001378
71-002127
71-002243
71-005469
71-006753
Al-Habbib, O. A. M.
71-002128
Al-Habbib, W. M. S.
71-002128
Al-Hamed, M. I.
71-002129
Alabama Department of Conservation and Natural Resources
71-011819
Alabaster, J. S.
71-002130
71-004870
71-010558
71-011275
Alacevic, M.
71-011020
Alaska Department of Fish and Game
71-005896
Albanese, E.
71-000883
Albertova, O.
71-006754
Albin, D. P.
71-008295
Albrecht, H.
71-004871
Albrecht, M.-L.
71-000901
Albrecht, U.
71-001379
Albright, J. T.
71-003579
Albright, L. J.
71-010559
Alcorn, S. R.
71-002131
Alden, R. W. III
71-010011
Alderdice, D. F.
71-001548
71-002132
71-002133
71-003665
71-011294
71-013431
Alderman, D. J.
71-009364
Alderson, G. D.
71-009852
Alderson, R.
71-010560
Aldonov, V. K.
71-005470
Aldred, J.
71-000664
Aldrich, R. C.
71-013366
Aldridge, C. H.
71-000152
Aldrin, J. F.
71-000955
Alekperov, A. P.
71-000217
71-006500
71-007548
Alekseyeva, K. D.
71-002134
Alekseyeva, Ye. I.
71-006169
Alevizon, W. S.
71-004872
71-004873
71-006755
71-006766
71-007792
Alexander, C. M.
71-012122
Alexander, D. G.
71-010561
71-010562
71-010701
Alexander, G. R.
71-006756
71-010012
71-012913
Alexander, H. C.
71-010563
Alexander, J. B.
71-002135
71-002136
71-003108
71-003109
71-003110
71-003111
71-009126
Alexander, L.
71-013147
Alexander, N.
71-002137
Alexander, R. McN.
71-005222
Alexander, V.
71-001050
Algom, D.
71-005122
Algranati, F. D.
71-002138
Ali Khan, J.
71-008296
Ali, A. M.
71-006170
Ali, M. A.
71-001380
71-001388
71-001847
71-001890
71-002041
71-002098
71-004874
71-004875

...CONTINUED...
Ali, M. A.
71-000463
71-005540
Ali, M. E. T.
71-010126
Alitt, J. V.
71-008966
71-009475
71-009476
Alikin, Yu. S.
71-004125
Alikunhi, K. H.
71-000463
71-000553
71-000639
71-006449
Aliyev, D. D.
71-007153
Aliyev, D. S.
71-000299
Alkahem, H. F.
71-007685
Allan, D. J.
71-010749
Allan, I. R. H.
71-005471
Allan, J. D.
71-001297
71-006757
Allan, J. H.
71-007686
Allan, R. C.
71-006171
71-013047
Allanson, B. R.
71-007405
Alldridge, N. A.
71-006172
71-008272
Allee, B. J.
71-004876
Allegret, P.
71-007366
Allen, D. M.
71-001381
71-002139
Allen, G. H.
71-004877
71-010718
Allen, G. R.
71-005350
71-008450
71-008551
71-008880
Allen, H. E.
71-011080
Allen, J. L.
71-011204
71-011368
71-011571
71-011575
71-011578
71-011587
71-011615
Allen, J. M.
71-001382
Allen, K. O.
71-000300
71-000336
Allen, L. G.
71-001383
71-005897
71-007687
71-007932
71-007933
Allen, M. J.
71-007688
71-010013
Allen, R. L.
71-007367
Allen, S. K., Jr.
71-000975
71-004521
Allendorf, F. W.
71-004522
71-004773
71-007689
Alley, D. W.
71-004878
Alley, E. G.
71-010649
Allison, D. T.
71-010564
Allman, C. H.
71-012974
Allred, P. M.
71-004132
71-011433
Alluchon-Gerard, M.-J.
71-001384
71-001385
71-002140
Almazan, G.
71-000301
Almazan, G. de J.
71-000976
Almeida, F. P.
71-013152
Alpers, C. E.
71-008984
71-009387
71-009980
Alston, D. E.
71-010014
Alt, K. T.
71-005472
71-006577

...CONTINUED...
Alt, K. T.
71-007368
Alton, A. J.
71-013307
Altuknov, K. A.
71-001386
71-006173
71-006174
71-006175
Altukhov, Yu. P.
71-004523
71-013148
Alvarez-Leon, R.
71-001387
Alvarez-Pellitero, M. P.
71-009590
Alverson, D. L.
71-013149
Amano, K.
71-003238
71-004460
Amano, R.
71-012544
Amanov, A. A.
71-005473
71-005474
Amaoka, K.
71-007690
71-008826
Amend, D.
71-009404
Amend, D. F.
71-008889
71-008890
71-008934
71-009042
71-009047
71-009050
71-009074
71-009090
71-009103
71-009388
71-009389
71-009390
71-009416
71-009421
71-009438
71-009444
71-009468
Ames, E. L.
71-007777
Ames, L. J.
71-010015
Amico, V.
71-010016
Amidan, G.
71-000926
Amin, O. M.
71-008891
71-009391
71-009477
71-009478
71-009479
71-009480
71-009481
71-009482
71-009483
71-009484
Amirkhanov, G. A.
71-002141
Amlacher, E.
71-009392
Amos, S. C.
71-012480
71-012481
Amouzou, M.
71-001912
Amstislavskii, A. Z.
71-002075
71-002142
Amthauer, R.
71-002143
Anand, K.
71-003957
Ananiadis, C. I.
71-000051
Anastasi, A.
71-002186
Anchutin, V. M.
71-007691
Anctil, M.
71-001380
71-001388
71-002144
71-002145
71-004875
Anders, F.
71-001609
71-004611
71-009916
Andersen, A. C.
71-001025
Andersen, K.
71-009076
71-009077
71-009078
71-009079
71-009485
Andersen, K. P.
71-013150
Andersen, R.
71-013151
Andersen, S.
71-010830
Anderson, A. C.
71-010565
Anderson, A. D.
71-010566

...CONTINUED...
Anderson, A. D.
71-011032
Anderson, B.
71-011858
Anderson, C. B.
71-008173
Anderson, C. D.
71-009240
Anderson, C. E.
71-000302
71-000303
Anderson, C. O., Jr.
71-007954
Anderson, C. P.
71-007692
Anderson, D.
71-000153
71-010017
Anderson, D. P.
71-009043
71-009044
71-009045
Anderson, E. D.
71-005898
71-013152
Anderson, G. R. V.
71-006095
71-008235
Anderson, H. M.
71-008015
Anderson, J. B.
71-003843
Anderson, J. W.
71-010391
71-010567
71-010568
71-010781
Anderson, K.
71-009486
Anderson, K. J.
71-010383
Anderson, L. G.
71-011620
Anderson, M. A.
71-011260
Anderson, M. E.
71-000971
71-005558
71-006783
71-007693
71-007694
71-008725
Anderson, M. J.
71-004356
Anderson, N. H.
71-001185
Anderson, P. D.
71-002503
Anderson, R. C.
71-005476
71-005508
71-008917
71-009261
71-009879
71-009880
Anderson, R. D.
71-008913
Anderson, R. J.
71-000672
71-000735
Anderson, R. L.
71-011410
Anderson, R. M.
71-005475
71-009487
71-009808
Anderson, R. O.
71-000272
71-000814
71-001031
71-011621
71-011622
71-011692
71-012228
71-012229
71-012234
71-012475
71-013126
Anderson, R. R.
71-000037
Anderson, R. S.
71-001051
71-008995
Anderson, R. V.
71-008254
71-010477
Anderson, S.
71-007865
Anderson, S. H.
71-011796
Anderson, S. M.
71-010818
Anderson, V. L.
71-009160
Anderson, W. C.
71-001389
71-001390
Anderson, W. D., Jr.
71-007695
71-008451
71-008452
71-008453
71-008454
Andersson, G.
71-006758
Ando, M.
71-002146
71-002147

...CONTINUED...
Ando, M.
71-002148
Andreasen, J. K.
71-006176
71-008455
Andrew, R. W.
71-010577
71-010912
Andrews, A. K.
71-006107
71-012123
Andrews, A. P.
71-008456
Andrews, C.
71-008892
71-009241
Andrews, J. W.
71-000292
71-000673
71-000820
71-000821
71-001528
71-003593
71-003726
71-004596
71-011173
Andrews, R.
71-011623
Andrews, R. E.
71-011713
Andrews, T. J.
71-001550
Andrews, W. P., Jr.
71-012235
Andreyev, A. A.
71-010569
Andreyev, V. L.
71-004524
Andriashev, A. P.
71-006578
Andriyashev, A. P.
71-006177
71-008457
71-008458
71-008459
71-008460
Andros, J. D.
71-009831
71-010570
Andruetto, S.
71-008942
71-009094
71-009095
71-009287
71-009290
71-009647
Andryuk, L. V.
71-009488
Aneer, G.
71-009393
Anees, M. A.
71-010571
71-010572
Ang Kok Jee
71-000304
Angeles, H. G.
71-000554
Angelier, M.-L.
71-005899
Angermeier, P. L.
71-006759
Angus, R. A.
71-004525
71-004846
71-004847
Aniskowicz, J.
71-008674
Anker, G. Ch.
71-001391
71-006760
Anonymous
71-000052
71-000053
71-000305
71-000977
71-008893
71-009046
71-010018
71-010019
71-011820
71-011821
71-012124
71-012378
71-012914
71-013432
Ansuini, F. J.
71-000555
71-000597
Anthony, A.
71-010753
71-011169
Anthony, D. D.
71-008297
Anthony, J.
71-001392
71-001393
Antipa, R.
71-009042
71-009047
71-009048
71-009050
71-009103
Antipa, R. G.
71-008894
71-009049
Antoine, M.
71-003835
Antonenko, T. M.
71-002368

Antony Raja, B. T.
  71-008461
Antrim, B. S.
  71-007693
Anver, M. R.
  71-010636
Anwar, I. M.
  71-009496
Aoki, I.
  71-005159
Aoki, T.
  71-009135
Apekin, V. S.
  71-006178
Appanna Sastry, Y.
  71-008087
Appaukuttan, K. K.
  71-008702
Appelbaum, D.
  71-000308
Appelbaum, S.
  71-000674
  71-000675
  71-006761
  71-006762
Applegate, R.
  71-003352
Applegate, R. L.
  71-005866
  71-006763
  71-007199
  71-011843
Applegate, S. P.
  71-007697
Appukuttan, K. K.
  71-001821
Appy, R.
  71-009489
Appy, R. G.
  71-008895
  71-008896
  71-009394
Appy, T. D.
  71-006284
Arai, H. P.
  71-008899
  71-008900
  71-008901
Arai, K.
  71-003251
  71-003928
  71-004245
  71-004463
  71-004526
  71-004527
Arai, K.-I.
  71-002926
Arai, M. N.
  71-001298
Arai, S.
  71-000909
Arakawa, T.
  71-000741
  71-000786
  71-000934
  71-000935
  71-000937
Arakelova, A. L.
  71-002825
Aratsu, S.
  71-003587
Arawomo, G. A. O.
  71-006764
Arcarese, G.
  71-002462
Arcement, R. J.
  71-004528
Archer, D. L.
  71-013048
Arendarenko, G. A.
  71-006765
Argue, A. W.
  71-005900
Arias, I. M.
  71-002439
  71-003147
Arillo, A.
  71-002149
  71-002150
Arimoto, T.
  71-005104
Arizono, M.
  71-008897
Armas, G.
  71-008898
Arme, C.
  71-003105
Armitage, P. D.
  71-001186
  71-011859
  71-011860
Armitage, T. M.
  71-006766
Armour, C. L.
  71-001048
  71-011861
Armstrong, D. W.
  71-012714
  71-013153
  71-013154
Armstrong, F. A. J.
  71-010020
  71-010021
  71-010022
Armstrong, H. W.
  71-009490
Armstrong, J. G.
  71-011508
Armstrong, J. W.
  71-005476
  71-007698
Armstrong, M. C.
  71-005030
Armstrong, P. B.
  71-002151
Armstrong, R. W.
  71-005900
Arnason, A.
  71-004746
Arndt, R. G.
  71-005809
Arnemo, R.
  71-006767
Arner, D. H.
  71-011862
  71-011863
Arneson, D. W.
  71-005538
  71-008520
Arneson, R. D.
  71-013089
Arnold, C. R.
  71-000556
  71-000557
  71-000815
  71-001535
  71-006179
  71-007660
  71-010953
  71-010954
Arnold, D. E.
  71-011822
Arnold, G. P.
  71-004880
  71-012306
  71-012668
Arnoldi, D. C.
  71-007369
Arnott, E.
  71-011304
Aro, K. V.
  71-000154
  71-013293
Aronovich, T.
  71-000558
Aronovich, T. M.
  71-000559
Aronson, A. K.
  71-010573
Aronson, J. L.
  71-010573
Arrington, R. W.
  71-002152
Arruda, J. A.
  71-013007
Arstila, A. U.
  71-010870
  71-010871
Arthur, D. K.
  71-001394
  71-006768
  71-008298
Arthur, J. R.
  71-008899
  71-008900
  71-008901
  71-008982
  71-009242
Arthur, J. W.
  71-011099
  71-011123
Artygaliyev, N. Ch.
  71-004677
Artyukhin, Ye. N.
  71-006180
Arunachalam, S.
  71-002153
  71-010574
Arway, J.
  71-010023
Asahara, M.
  71-002154
Asahina, K.
  71-006181
Asai, H.
  71-002155
Asai, K.
  71-007297
Asakawa, M.
  71-002156
  71-002157
Asem, H.
  71-002161
Ash, G. R.
  71-010024
Ash, R.
  71-002158
Ashburner, L. D.
  71-009051
Ashcom, T. L.
  71-010575
Ashfield, D.
  71-002672
Ashley, K. W.
  71-007370
Ashmead, R. R.
  71-009491
  71-009589
Ashmore, J. F.
  71-004881
  71-004882
Ashuckian, S. H.
  71-010799
Assem, H.
  71-002159
...CONTINUED...
Assem, H.
  71-002160
Association of Scottish District Salmon Fishery Boards
  71-011624
Astakhov, D. A.
  71-001395
Astakhova, T. V.
  71-008902
Aston, R. J.
  71-000309
Atack, T. H.
  71-000676
Atchison, G. J.
  71-007270
  71-010025
  71-010228
  71-010315
  71-010576
  71-010887
  71-011440
  71-011441
Atherton, W. D.
  71-000677
Atkins, D. L.
  71-002162
Atkinson, D. B.
  71-006182
Atkinson, E.
  71-002163
Atkinson, R. J. A.
  71-003846
  71-004883
  71-005477
Atlantic States Marine Fisheries Commission
  71-011625
  71-012830
  71-013155
  71-013156
Atlas, R. M.
  71-010026
Atton, F. M.
  71-013433
Atz, J. W.
  71-002164
  71-003734
Au, K.-C.
  71-007699
  71-008462
Au, R.-J.
  71-009505
Aubertin, G. M.
  71-013476
Austen, J. D.
  71-009436
Austen, K.
  71-010908
Austin, C. B.
  71-012482
Austin, H. M.
  71-005901
  71-006579
  71-006653
  71-007700
Austin, R.
  71-000856
Austin, W. K.
  71-009073
Austreng, E.
  71-000678
  71-000679
  71-000680
  71-000729
  71-000896
  71-002165
Authur, J. W.
  71-010577
Auty, E. H.
  71-006183
  71-010032
Auwarter, A. G.
  71-010578
Avault, J. W., Jr.
  71-000001
  71-000055
  71-000067
  71-000310
  71-000384
  71-000445
  71-000470
  71-001007
  71-001646
  71-002869
  71-003150
  71-006906
  71-006907
  71-011261
Avdeev, G. V.
  71-009492
Avdeev, V. V.
  71-009492
Avedikova, T. M.
  71-008299
Averill, J. B.
  71-006148
Avery, E. L.
  71-008300
  71-011864
  71-012285
Avery, S.
  71-007140
Averza, A. A.
  71-007812
Avila, V. L.
  71-006184
Avise, J. C.
  71-004529
  71-004530
...CONTINUED...
Avise, J. C.
  71-004531
  71-004532
  71-004602
  71-004622
Avni, A. A.
  71-002166
Avnimelech, Y.
  71-000311
  71-012650
Avtalion, R. R.
  71-004533
Awakura, T.
  71-008975
  71-009134
  71-009243
Axell, M.-B.
  71-006769
Axon, J. R.
  71-012379
  71-013049
  71-013050
Ayala, F. J.
  71-004531
Ayers, R. W.
  71-001299
Ayles, G. B.
  71-000056
  71-000155
  71-000954
  71-004534
  71-013008
Ayles, H. A.
  71-005902
Ayling, A. M.
  71-004535
Ayushin, B. N.
  71-000560
  71-000561
  71-000562
  71-013157
Azarovitz, T. R.
  71-008277
Azevedo, B.
  71-012236
Azhigaliyeva, G. K.
  71-000226
Baarda, D. G.
  71-013009
Babaluk, J. A.
  71-007413
Babayev, N. S.
  71-005478
Babiker, M. M.
  71-000312
  71-002167
  71-002168
  71-002169
  71-002170
  71-002171
  71-002172
  71-003451
  71-006185
Babushkin, Yu. P.
  71-000156
Bach, R.
  71-009052
Bach, S. D.
  71-010459
Bachand, L.
  71-003403
Bachen, B.
  71-006893
Bachman, R. A.
  71-004884
Bachman, R. W.
  71-011890
  71-012118
Bachmann, R.
  71-012116
Bachmann, R. W.
  71-010320
  71-011891
  71-012117
Backus, N.
  71-007305
Bacon, E. J.
  71-007951
Bacon, J. R.
  71-011865
Badcock, J.
  71-002173
  71-008463
Badenko, L. V.
  71-000313
Badrudeen, M.
  71-008251
  71-013324
Badsha, K. S.
  71-005479
Baeza-Mesa, M.
  71-001037
Bagchi, M. M.
  71-002174
Bagenal, T. B.
  71-005675
  71-008301
  71-008366
  71-012483
Bagge, O.
  71-006770
Bagiryan, S. Sh.
  71-001396
Baglin, R. E., Jr.
  71-004536
  71-005480
  71-006186

[illegible]
[illegible] R. E., Jr
71-[illegible]
71-[illegible]
71-[illegible]
Bagliniere, J.-L.
71-005903
71-005904
71-006580
Bagnis, R.
71-004479
71-010006
71-010579
71-011549
71-011550
Bahner, L. H.
71-000978
71-010580
71-011189
Bahr, L. M.
71-005905
Bailey, C. F.
71-002175
Bailey, D. S.
71-010591
Bailey, G. S.
71-004537
Bailey, H. H.
71-006323
Bailey, J.
71-003004
71-003065
Bailey, J. E.
71-000157
71-000171
71-009238
Bailey, J. K.
71-000954
71-004538
71-004615
Bailey, J. R.
71-002176
71-002177
71-002178
Bailey, K.
71-006771
Bailey, R.
71-006582
Bailey, R. F. J.
71-006581
71-007372
Bailey, R. G.
71-006858
71-007702
71-013051
Bailey, R. M.
71-007701
71-008464
71-008465
Bailey, R. S.
71-013158
Bailey, W. C.
71-009334
71-009493
Bailey, W. H.
71-000556
71-000557
71-000586
71-000615
71-006772
71-010109
71-012426
Bailey, W. M.
71-000057
71-000282
71-008302
71-012380
Baines, G. W.
71-002179
Baird, D.
71-005481
71-005642
71-008466
Baird, R.
71-010581
Baird, R. C.
71-006773
71-008463
Bak, R. P. M.
71-011866
Bakanov, A. I.
71-006774
Baker-Dittus, A. M.
71-006775
Baker, A. M.
71-006776
Baker, B. I.
71-001412
71-002180
71-003073
Baker, C. L., Jr.
71-004885
Baker, C. T.
71-007347
Baker, F. d.
71-009833
Baker, J. A.
71-012308
Baker, J. C.
71-008903
Baker, J. M.
71-001397
Baker, J. R.
71-001052
71-005482
Baker, M. R.
71-009494
Baker, R. F.
71-012121
Baker, R. J.
71-009832
Baker, R. O.
71-008904
Bakhmin, Ye. K.
71-001544
Bakhteyeva, V. T.
71-002181
71-003629
Bakhtin, Ye. K.
71-001398
Bakkala, R.
71-013159
Bakos, J.
71-000455
Bakton, D. R.
71-001256
Bakunov, N. A.
71-010582
Balakrishnan Nair, N.
71-006521
Balakrishnan, G.
71-005947
71-013233
Balasch, J.
71-010802
Balayev, L. A.
71-010583
Balbontin, F.
71-002182
71-003731
71-003733
Balderston, W. L.
71-000158
71-000967
Baldes, R. J.
71-011867
Baldo, B. A.
71-002717
71-004387
Balduf, T. J.
71-010027
Baldwin, W. J.
71-000654
Balestrieri, C.
71-002183
Balirwa, J. S.
71-006777
71-012915
Balkas, T. I.
71-010029
Ball, H. J.
71-009629
Ball, I. R.
71-009495
Ball, J. N.
71-001403
71-001404
71-002204
71-003275
71-004401
71-004493
Ball, K. W.
71-008259
Ball, S. J.
71-009320
Ballantyne, J. S.
71-002184
Ballantyne, P. K.
71-004575
Ballard, S. C.
71-013499
Ballard, W. W.
71-001399
71-003429
Ballin, P. J.
71-004887
Balling, S. S.
71-013128
Ballintijn, C. M.
71-002185
Balon, E. K.
71-005207
71-005483
71-005484
71-006188
71-012831
71-013052
Balph, M. H.
71-008856
Balsano, J. S.
71-004138
71-004719
71-004810
Balushkin, A. V.
71-008467
Balzer, P. J.
71-002409
Bams, R. A.
71-000159
71-006189
71-013431
Banacia, G. T.
71-000379
Banarescu, P.
71-008523
Banarescu, P. M.
71-008703
Bandow, F.
71-012832
Banerjea, S. M.
71-000314
Banerjee, M. K.
71-000371
Banerjee, R. K.
71-000315
Banerjee, S. C.
71-000315
71-000372
Banerjee, S. K.
71-003589
71-010728
Banerji, S. R.
71-001493
71-006854
Bangham, A. D.
71-010893
Banhawy, M. A.
71-009496
Banister, K. E.
71-007702
71-008468
Banks, J. L.
71-000736
71-000737
Banks, J. W.
71-010531
71-012854
Bannerjee, R.
71-009856
Bannerot, S. P.
71-007703
Bannister, J. V.
71-002186
71-007373
Bannister, W. H.
71-002186
Bannon, M. P.
71-004556
Banowetz, G. M.
71-004310
71-009053
71-009395
Bansal, S. K.
71-010584
71-010585
71-011492
71-011493
71-011494
Banta, J. S.
71-011868
Bao, I. Y.
71-002187
Barahona-Fernandes, M. H.
71-000563
71-002188
71-009054
Baranes, A.
71-007704
71-007705
Barannikova, I. A.
71-002189
Barans, C. A.
71-007374
71-008265
71-008266
71-008267
Barbeau, C.
71-003569
Barber, D. L.
71-001400
71-002190
71-002191
Barber, F. G.
71-008469
Barber, V. C.
71-001401
Barbour, C. D.
71-008470
71-008471
Barbour, S. E.
71-005017
71-005485
71-005811
Barclay, J. C.
71-012125
Barclay, L. A.
71-013130
Bardach, J. E.
71-000058
Bardack, D.
71-008239
Bare, N. H.
71-011777
Barel, C. D. N.
71-001563
71-008472
71-008608
Barger, L. E.
71-001481
71-006263
71-007706
Bargmann, G. G.
71-006778
Bargo, B. G.
71-013405
Barham, W. T.
71-004051
71-009055
71-009056
Barica, J.
71-000155
71-001130
71-001162
71-012833
71-013008
Baril, S. F.
71-011869
Barker, J. L.
71-007707
Barker, L. W.
71-013337
Barker, M. W.
71-005906
Barkley, R. A.
71-004886
Barkman, L. L.
71-009497
Barkman, R. C.
71-007375
Barkmann, R. C.
71-000564
Barkuloo, J. M.
71-012478
Barlow, G. W.
71-002192
71-004887
71-004888
71-004889
71-005209
Barman, E. H., Jr.
71-013009
Barnabe, G.
71-002252
71-005486
Barnard, D. R.
71-000923
Barnard, K.
71-001449
Barnard, R. S.
71-011870
Barnawell, E. B.
71-003882
Barnes, H.
71-001053
Barnes, J. R.
71-006176
Barnes, M. D.
71-007708
71-013010
Barnes, R. B.
71-011796
Barnett, A.
71-010095
Barnett, B. J.
71-000681
71-003384
Barnett, J.
71-010586
Barnett, M.
71-008129
Barnhart, M. C.
71-009498
Barnhart, R. A.
71-006470
Baron, V. D.
71-002193
Barr, L.
71-006592
Barr, W. C.
71-007709
71-008048
71-012484
71-013053
Barraclough, S. A.
71-002465
71-005039
71-011342
71-013398
Barraclough, W. E.
71-005286
71-006583
71-007579
71-007710
71-012653
71-012660
Barrett, B. B.
71-001149
Barron, R. J. C.
71-007711
Barry, T. L.
71-010166
Barss, W. H.
71-001402
Barsukov, V. V.
71-008473
Barthe, J.-C.
71-001712
Barthelemy, L.
71-003793
Bartlett, E. A.
71-010563
Bartlett, G. R.
71-002194
71-002195
71-002196
71-002197
71-002198
Bartley, T. R.
71-011508
Barton, B. A.
71-002199
71-005487
71-011871
Barton, D. R.
71-001187
Barton, M.
71-002200
71-007712
Bartoo, N. W.
71-005907
71-012286
71-012846
71-013425
Bartosh, C. P.
71-013499
Bartram, A.
71-008474
Barwick, D. H.
71-000682
71-006779
71-013011
Bary, B. McK.
71-006714
Basham, L.
71-007713

Bashamohideen, M.
71-001153
71-002201
Bashirullah, A. K. M.
71-006218
71-007376
71-009499
71-009696
Basile, B.
71-010304
Basile, B. P.
71-010028
Baskin, J. N.
71-002687
71-008464
Baslow, M. H.
71-003401
Bass, A. J.
71-007377
71-008091
Bass, D. G.
71-012494
Bass, D. G., Jr.
71-005488
71-012485
Bass, G.
71-005661
Bass, M. L.
71-010587
71-010588
71-010589
71-012599
Bassett, B.
71-011626
Bassett, C. E.
71-011905
Bassette, R.
71-013342
71-013343
Bassler, G.
71-004890
Bastardo, J. W.
71-009099
Bastian, J.
71-004354
Bastl, I.
71-013078
Basturk, O.
71-010029
Basu, N. C.
71-007714
Bath, D. W.
71-012486
Bath, H.
71-007715
71-008475
Bath, R. N.
71-002202
71-002203
71-002624
71-002625
71-002627
Bathel, D. D.
71-000999
Battelle Pacific Northwest Laboratories
71-010030
Batten, T. F. C.
71-001403
71-001404
71-002204
Batty, R. S.
71-002205
71-009540
Bauchot, M.-L.
71-008450
Bauchot, R.
71-001405
71-001406
Baud, C. A.
71-001736
71-003972
Baudin Laurencin, F.
71-009002
Baudouy, A.-M.
71-009396
71-009410
Bauer, B. H.
71-007668
Bauer, D. H.
71-002206
Bauer, G.
71-002536
71-002549
71-002560
Bauer, L.
71-000485
Bauer, O. N.
71-009500
Bauer, R.
71-004891
Bauermeister, A. E. M.
71-002207
Bauernfeind, J. C.
71-000160
Baughman, J.
71-013479
Baumann, P. C.
71-012287
Baur, R. J.
71-000316
71-000329
71-012645
71-013012
Bauswein, E.
71-002208
Bawden, C. A.
71-010099
Baxter, G. T.
71-009159
Baxter, I. G.
71-013160
Baxter, R. M.
71-011872
Baychot, M. L.
71-001405
Bayer, R.
71-009224
Bayer, R. D.
71-005489
Bayha, K.
71-012916
Bayless, J. D.
71-000282
71-006965
Bayley, P. B.
71-012715
71-012834
Baylis, J. R.
71-006190
71-006191
Baymuratov, A.
71-002075
Bayne, D. R.
71-000059
71-000536
71-013019
Baynes, S. M.
71-000979
71-006497
Bayrle, H.
71-000140
Bazhashvili, T. R.
71-010583
Bazigos, G. P.
71-012716
Beach, M. H.
71-012669
Beacham, B. E.
71-008905
Beadles, J. K.
71-007754
71-007755
71-007854
71-007955
71-008288
Beamish, F. W. H.
71-000750
71-002209
71-002210
71-002671
71-003164
71-003828
71-004179
71-005490
71-005794
71-007446
71-011039
71-011505
71-011506
71-011516
Beamish, R. J.
71-002737
71-002738
71-004539
71-006160
71-007378
71-007379
71-007380
71-007557
71-008476
71-010031
71-010468
Bean, L. L.
71-009017
Bean, R. M.
71-010567
Beard, T. D.
71-011572
Beattie, J. H.
71-010590
71-011219
Beattie, K. H.
71-012243
Beatty, D. D.
71-002185
71-004238
71-011486
Beaty, K. G.
71-001087
Beaubrun, P. C.
71-007716
71-012487
Beauchamp, J. J.
71-010722
71-010920
Beaudry, J. M.
71-000946
Beaulieu, M.-A.
71-007381
Beaumariage, D. S.
71-011627
Beauvais, A.
71-008004
Beauvie, C.
71-002774
Beaver, J. R.
71-001300
Bebbington, G. N.
71-010032
Beccaria, E.
71-009419
71-009648
Bechler, D. L.
71-004892
Beck, A. D.
71-000564
71-000683
71-000685
Beck, A. P.
71-002211
71-004757
Beck, H.
71-000684
71-000789
Beck, M. L.
71-004540
Beck, W. M., Jr.
71-001188
Becker, C. D.
71-002212
71-009057
71-009244
71-009245
71-009246
71-009247
71-009501
Becker, D. A.
71-008906
71-008974
71-009581
Becker, H. B.
71-009964
Becker, K.
71-000843
Becker, L. R.
71-006464
Becker, R.
71-005221
Beckerman, T.
71-009871
Beckert, H.
71-009248
Beckett, J. S.
71-013328
Beckham, E. C. III
71-006415
Beckler, R. J.
71-008068
Beckwith, D. G.
71-009058
71-009397
Bedard, J.
71-001129
Beddington, J. R.
71-013253
Bedinger, C. A., Jr.
71-013370
Bednarik, A. F.
71-001189
Bednarz, J. C.
71-005491
Beecher, B. H.
71-007717
Beecher, H. A.
71-001407
71-004893
71-005492
71-007717
Beedle, D.
71-001408
71-001572
Beene, E. L.
71-012488
Beery, F. H.
71-012513
Beeton, A. M.
71-001246
Beets, J. P.
71-007765
Beezhold, F. L.
71-010447
Begg, G. W.
71-006584
71-007718
Begum, B. J.
71-003311
Behnke, R. J.
71-001409
71-005493
71-007960
71-008617
71-012237
Behrend, K.
71-004894
Behrends, L. L.
71-000435
71-012641
Behrens, D. W.
71-006192
Behrstock, R. A.
71-007719
71-007720
Beijnink, F. B.
71-002312
Beiles, H. A.
71-001275
Beinssen, K. H. H.
71-012126
Beisser, G. S.
71-013061
Beitinger, T. L.
71-003788
71-004101
71-004895
71-004896
71-004897
71-004898
71-004899
71-004900
71-007382
71-010779
Beitz, B. E.
71-002213
Bejda, A. J.
71-005258
Bejerano, Y.
71-000480
71-009059
Bekker, V. E.
71-008190
Bekolay, R.
71-003388
Beland, K. F.
71-004792
Belaud, A.
71-002214
71-002215
Belbenoit, P.
71-002216
71-003536
71-004221
71-004901
71-005752
Belen'kii, M. A.
71-002217
Belenky, M. A.
71-003822
Belghaug, R.
71-002218
71-002600
Belk, D.
71-007939
Belk, M. S.
71-004902
Bell, C. C.
71-002219
Bell, D. A.
71-009502
Bell, F. W.
71-012127
Bell, G.
71-005908
71-012532
Bell, G. R.
71-001410
71-008907
Bell, J. D.
71-005501
71-006780
71-006781
71-006782
71-011882
71-012343
Bell, M. A.
71-001411
71-006193
71-007721
71-007722
Bell, M. V.
71-002220
71-003224
71-011307
Bell, S. C.
71-012238
Bella, D. A.
71-001131
71-011873
Bellamy, G. C.
71-012309
Bellanca, M. A.
71-010591
Bellezza, P.
71-000924
Bellig, R.
71-005573
Belloc, F.
71-002221
71-002772
71-002773
71-002774
Belman, B. W.
71-004228
71-006783
Belousova, T. A.
71-004968
Belova, A. V.
71-002222
Belt, G. H.
71-011874
Beltz, J. R.
71-002223
71-012566
Belusz, L. C.
71-012381
Belveze, H.
71-007383
Belyaev, V. I.
71-007384
Belyanina, T. N.
71-007723
71-007724
71-007725
Ben-Tuvia, A.
71-006585
71-007704
71-007705
71-007726
71-007788
71-008221
71-011875
Ben-Yaakov, S.
71-001132
Ben-Yami, M.
71-011875
Benchimol, M.
71-001492
Bend, J. R.
71-010842
71-010943
Benda, R. S.
71-012835

Bender, M. F.
71-010117
71-010592
Bender, R. E.
71-012128
Benech, V.
71-007385
Benedetto, L. A.
71-010837
Benedict, B. A.
71-012789
Benedict, C.
71-006637
Benezet, H. J.
71-010995
Benfield, E. F.
71-001348
71-004011
71-010281
71-010659
Bengtson, D. A.
71-000685
Bengtsson, B.-E.
71-010593
71-011443
Benjamin, M.
71-001412
71-001413
71-002224
71-002225
71-002226
71-002227
71-002228
71-002229
71-002651
Benke, A. C.
71-011876
Benko, Y. K.
71-000565
71-000566
Bennemann, R.
71-001414
71-002230
Bennet, P. S.
71-009503
Bennett, D. E.
71-005494
Bennett, D. H.
71-005034
71-010151
71-010528
71-011778
71-011877
Bennett, D. K.
71-008477
Bennett, J. P.
71-000987
Bennett, J. R.
71-001085
71-012836
Bennett, M. V. L.
71-001826
71-002231
71-004164
71-004195
Benoit, D. A.
71-006194
71-010594
71-010595
71-010913
71-010914
71-013355
Bensam, P.
71-000621
Benson, A.
71-006925
Benson, P. G.
71-004802
71-008796
Benson, W. W.
71-010033
71-011582
Bentley, P. J.
71-002232
Bentley, W. W.
71-012670
Benville, P. E., Jr.
71-010596
Benz, G. W.
71-002233
71-009504
Berdar, A.
71-001508
Berdichevskiy, L. S.
71-011628
Bereiter-Hahn, J.
71-003982
71-003983
Berenbeym, D. Ya.
71-006195
71-008303
Berezay, G.
71-004903
Berg, A.
71-010597
Berg, A. R.
71-010598
Berg, M.
71-005909
71-005996
71-007727
Berg, R.
71-012917
Berg, R. E.
71-001415
71-007386
Berge, J. A.
71-002234
Berge, P. I.
71-001416
Bergen, W. G.
71-000151
71-004503
71-004504
Berger, M. E.
71-001049
Bergersen, E. P.
71-005910
71-011945
71-012717
Bergey, E. A.
71-007282
Berggren, H.
71-006758
Berggren, T. J.
71-005911
Bergheim, A.
71-010034
Bergman, H. L.
71-002820
71-002821
71-010111
71-010566
71-010746
71-011277
Bergot, F.
71-000686
71-000687
71-000802
Bergot, P.
71-004541
71-004546
71-004570
71-007186
Bergstedt, B. V.
71-010473
71-011412
Bergstrom, E.
71-003279
Bergtold, G. E.
71-007137
Berkeley, S. A.
71-005495
Berkes, F.
71-010428
71-011629
Berkovitz, B. K. B.
71-001417
71-001418
71-001419
71-001953
Berlin, W. H.
71-002235
Berliner, H.
71-002949
Berman, D. S.
71-008478
Bermudez, D.
71-008908
Bern, H. A.
71-002123
71-002124
71-002236
71-002674
71-002756
71-002761
71-002762
71-003473
71-003654
71-003724
71-004402
71-004421
Bernard, D.
71-004534
Bernard, D. R.
71-008304
71-012622
Berns, S.
71-005496
Bernstein, J. W.
71-004904
Berra, R. M.
71-008479
Berra, T. M.
71-007728
71-008228
71-008479
71-009505
71-011158
71-012407
Berrebi, P.
71-004542
71-009249
Berrien, P.
71-005497
71-005498
Berrien, P. L.
71-006230
71-007729
71-007730
Berrill, M.
71-005344
Berry Martin, S. J.
71-001062
Berry, C. R.
71-000042
Berry, C. R., Jr.
71-000002
71-000003
71-008044
71-010599
71-011630
71-011878
Berry, D. K.
71-007731
Berry, F. H.
71-008265
...CONTINUED...
Berry, F. H.
71-008266
71-008267
71-008549
71-010516
Berry, W. O.
71-010800
Berryman, J. H.
71-011631
Berst, A. H.
71-008925
71-011747
71-012465
Bertelsen, E.
71-007732
71-008480
Berthiaume, L.
71-009415
Bertolino, A. R.
71-013245
Berube, J.
71-001129
Besson, J.
71-002739
Bessonov, B. I.
71-002237
Best, A. C. G.
71-001420
71-001421
71-001422
71-001423
Best, C.
71-012139
Best, E. A.
71-005912
71-005913
71-007733
Best, L. B.
71-011879
Beswick, E. A.
71-002238
Bethe, M. L.
71-001424
Bettencourt, J. S., Jr.
71-009250
Bettinger, T. L.
71-002239
Beulig, A.
71-002240
71-002605
Beumer, J. P.
71-002241
71-006196
71-006784
71-006785
Beverley-Burton, M.
71-009502
71-009506
71-009507
71-009508
71-009509
71-009943
Bewley, T. A.
71-002674
Beyer, J. E.
71-006786
71-007387
Beyerle, G. B.
71-000317
71-000688
71-012382
71-012383
71-013013
Beyers, R. J.
71-010723
71-011366
Bezdenezhnykh, V. A.
71-000415
Bhan, S.
71-002242
71-003463
Bhanot, K. K.
71-000689
71-000980
71-006197
Bhatnagar, G. K.
71-005499
71-007734
Bhatnagar, M. C.
71-011497
Bhatt, V. S.
71-006198
Bhattacharya, S.
71-002410
Bhattacharyya, M.
71-000690
Bhattacharyya, T. K.
71-001425
Bhatti, M. N.
71-001378
71-002127
71-002243
71-006753
Bhimasena Rao, j.
71-001426
Bhowmick, R. M.
71-000318
71-000319
Bhusari, B. V.
71-005500
Bhuyan, B. R.
71-012658
Bich, J. P.
71-007735
71-007736
Bider, J. R.
71-013483
Bieder, R. C.
71-008068
Biediger, C.
71-013331
Bieniarz, K.
71-000279
71-002244
71-002245
71-002246
71-002247
71-002643
71-002644
71-004079
71-004080
Bier, J. W.
71-009510
Biette, R. M.
71-000691
71-000692
71-007388
Biggers, C. J.
71-004540
71-004647
Bilgrami, K. S.
71-006244
Billard, R.
71-000161
71-000166
71-002248
71-002249
71-002250
71-002251
71-002252
71-002253
71-002310
71-002370
71-002611
71-002811
71-002812
71-004258
71-004368
Bills, F. T.
71-008481
Bills, T. D.
71-010600
71-010601
71-010602
71-010603
71-010604
71-011086
71-011087
71-011576
71-011590
71-011597
Bilqees, F. M.
71-009511
71-009512
71-009513
71-009514
Bilton, H. T.
71-012384
71-012385
71-012386
71-013293
Bilyj, B.
71-001261
Bimber, D. L.
71-010605
Binderim, G. E.
71-007737
Binns, N. A.
71-011880
71-011881
71-012288
71-012918
71-012919
Bird, D. J.
71-001427
71-002255
71-002256
71-002257
71-003830
Bird, F. H.
71-007738
Bird, P. M.
71-002258
Birge, W. J.
71-011528
Birkbeck, T. H.
71-002421
Birkeland, C.
71-010606
Birkner, J. H.
71-010607
71-010608
Birks, E.
71-010985
Birman, I. B.
71-005914
71-005915
71-005916
Biro, P.
71-008305
71-010609
71-012837
Birtwell, I. K.
71-010179
Biryukov, Yu. A.
71-007830
Bischoff, U.
71-000693
Bishara, N. F.
71-000320
71-000321
Bishop, D. G.
71-002259
Bishop, F. G.
71-007739

...CONTINUED...
Bishop, F. G.
71-007740
Bishop, F. J.
71-000790
Bishop, J. M.
71-006787
Bishop, K. A.
71-005501
71-011882
Bishop, R. C.
71-011632
Bishop, R. D.
71-000280
71-001610
Bishop, W. E.
71-010025
71-010035
71-011077
Bisson, P. A.
71-004543
71-005917
71-005918
71-006788
71-007741
71-012489
Bitterman, M. E.
71-004923
Bittern, D.
71-011823
71-011824
Bittner, A.
71-002260
Bitton, G.
71-001300
Bivings, A. E. IV
71-013014
Biyono, B.
71-008957
Bizzozero, S.
71-009232
Bjerk, O.
71-007361
Bjerknes, V.
71-005919
71-006199
Bjerring, H. C.
71-001428
Bjorge, A. J.
71-009515
Bjornn, T. C.
71-005920
71-006586
71-007852
71-012239
71-012387
71-012920
71-012992
Bjorstad, D.
71-008011
Blaber, S. J. M.
71-004393
71-006789
71-006790
71-006791
71-007339
71-007340
71-007341
71-007742
71-007743
71-008647
Black, A.
71-004544
Black, D. A.
71-004545
71-004649
Black, E.
71-002261
71-002262
Black, G.
71-008306
Black, G. F.
71-008482
Black, J. J.
71-010036
Black, K. N.
71-011908
Blackburn, J.
71-002447
71-002448
Blackburn, J. M.
71-000192
71-002314
Blackburn, M.
71-007744
Blackett, R. F.
71-012921
Blackman, R. A. A.
71-010610
Blackman, R. R.
71-011966
Blackstone, S. C.
71-009398
Blades, P. I.
71-006837
Blahm, T. H.
71-006841
71-010611
71-011883
Blair, A.
71-000981
Blair, A. P.
71-006847
Blair, D.
71-009516
71-009517
71-009774
Blake, B. F.
71-006200

...CONTINUED...
Blake, B. F.
71-006792
71-007389
71-011884
71-013054
Blake, C.
71-007389
Blake, L. M.
71-012155
Blake, R. W.
71-002263
71-004905
71-004906
71-004907
71-004908
Blanc, J. M.
71-000162
71-004546
71-004570
Blanc, J.-M.
71-004541
Blanchard, S. G.
71-002264
Blankenbeckler, D.
71-005502
71-006201
71-006202
Blankenship, N.
71-005277
Blasiola, G. C., Jr.
71-009518
71-009519
71-010612
Blaszczyk, M.
71-007190
Blatnene, D. P.
71-005598
Blaxhall, P. C.
71-004547
Blaxter, J. H. S.
71-001382
71-001497
71-001937
71-002265
71-002266
71-002267
71-002569
71-003044
71-004244
71-007335
71-010613
Blaylock, B. G.
71-000521
71-010614
71-010722
71-010920
Blaylock, J. W.
71-010391
Blazer, V. S.
71-009223
Bledsoe, L. J.
71-012745
71-012794
Blickens, E. A. M.
71-010615
Blinn, D. W.
71-001341
Blinov, V. V.
71-008307
71-012718
71-012719
71-012720
Blocher, J.
71-002391
Block, R. M.
71-002268
71-010037
71-010616
71-010617
71-010847
71-011047
Blommaert, J.
71-009061
Blomquist, G. J.
71-010816
Bloom, A. M.
71-012490
Bloom, H. D.
71-002269
71-002270
71-004909
Bloom, S. E.
71-004673
Bloom, S. G.
71-012721
Blue, J. L.
71-008947
71-009202
Bluestein, M. H.
71-010192
Blum, S. R.
71-012814
Blumenthal, K. M.
71-004933
Blumer, L. S.
71-006203
Blunt, B. R.
71-010903
71-010904
71-010905
71-010906
71-010907
71-010908
Boaze, J. L.
71-005921
71-011885
71-012922
Bodaly, R. A.
71-004548

...CONTINUED...
Bodaly, R. A.
71-004549
71-006204
71-007745
Bodi, F. L.
71-012923
Bodznick, D.
71-004911
71-004912
71-004913
Bodznick, D. A.
71-004910
Boehlert, G. W.
71-001429
71-004914
71-006587
Boehm, P.
71-010273
Boehm, P. D.
71-010038
Boenig, R. W.
71-010605
Boer, B. A. de
71-004915
Boesel, M. W.
71-010497
Boetius, I.
71-002100
Boetius, J.
71-001371
71-002100
71-007390
Boeuf, G.
71-002271
71-002911
71-003371
Bogdan, E.
71-000956
Bogdanova, L. S.
71-000733
71-006793
Boge, G.
71-002272
71-002273
Bohl, M.
71-000060
Bohlin, T.
71-004916
71-004917
Bohlke, E. B.
71-008484
Bohlke, J. E.
71-008483
71-008484
Bohn, A.
71-010039
71-010040
Bohn, G. J.
71-006794
Bohnsack, J. A.
71-007746
71-007747
Boisseau, J.
71-002773
Boivin, G.
71-001736
71-003972
Boland, D. H. P.
71-001054
Boland, E. J.
71-003017
Boles, G. L.
71-007748
Bolgova, O. M.
71-002274
Bolis, L.
71-002275
71-010618
71-010619
Boliska, S. A.
71-002278
Bollingberg, H. J.
71-010041
Bolotova, T. T.
71-002276
Bols, N. C.
71-002277
71-002278
Bols, R. J.
71-004918
71-005088
Boltt, R. E.
71-005510
Bombardieri, R. A.
71-004984
Bonar, A.
71-005922
Bond, C.
71-012926
Bond, C. E.
71-005548
71-007937
71-008481
71-008814
71-008872
Bond, G. W. III
71-006588
Bondar, R. L.
71-002279
Bondarenko, M. B.
71-004040
Bondareva, V. M.
71-003820
Bone, Q.
71-001423
71-001430
71-001431
71-002280

...CONTINUED...
Bone, Q.
71-002281
Bongers, L. H.
71-011046
Bonham, K.
71-001432
71-002994
71-010889
Bonin, J. D.
71-002282
71-002283
Bonislawsky, P.
71-005616
Bonn, E. W.
71-000281
71-000282
Bonn, T. D.
71-011928
Bonner, M. J.
71-006795
Bonney, W. A.
71-000221
Bonnin, J.-P.
71-002284
Booke, H. E.
71-004653
71-010620
Booker, O. J.
71-009251
Boone, J. G.
71-013161
Boonyaratpalin, M.
71-000694
Boonyaratpalin, S.
71-009520
Boord, R. L.
71-001676
71-002285
Booth, J. H.
71-002286
71-002287
Bootsma, R.
71-009060
71-009061
Borawa, J. C.
71-000004
71-008308
Borchard, B.
71-002288
Boreman, J.
71-008485
71-012671
71-012672
71-012673
Boreman, J. G., Jr.
71-005503
Borets, L. A.
71-007391
Borg, B.
71-002289
71-004273
71-004274
Borgese, E. M.
71-000567
Borgese, T. A.
71-002290
71-002291
Borgmann, U.
71-010621
71-010622
Borgstrom, R.
71-010191
Borisov, V. M.
71-005923
71-008309
Borjeson, H.
71-002292
Borkhvardt, V. G.
71-001433
Borkoski, V.
71-004658
Bornancin, M.
71-002293
Bornet, H.
71-003771
71-003773
Borodulina, O. D.
71-006796
71-008486
71-008487
Borowsky, R.
71-002294
71-006205
Borroni, I.
71-007749
71-007750
71-007751
71-008944
Borsetti, A. P.
71-010042
Borsook, D.
71-002295
Borton, D. L.
71-010623
Bortone, S. A.
71-001434
71-002006
71-005504
71-008488
71-009521
Boryakin, V. A.
71-002438
Boschung, H.
71-004252
71-004253
71-007752
71-007753
Bose, K. C.
71-002296

Bos, G.
71-000924
Bosman, G. I. C. G. M.
71-003348
Bossuyt, E.
71-001037
Bottomley, J.
71-010581
Bottrell, L. J.
71-012388
Botts, R. P.
71-010624
Botvinnik, N. M.
71-004550
Bouc, K.
71-012240
Bouchard, R. W.
71-008489
Bouche, G.
71-002297
Bouck, G. R.
71-000283
71-002298
71-002299
71-002300
71-002301
71-002302
71-002303
71-009522
71-009835
71-010625
Boudon, M.
71-002780
71-003396
Boudou, A.
71-010626
Boulekbache, H.
71-002304
71-004919
Bouligand, Y.
71-001575
Boulva, J.
71-005926
71-013258
Bounds, S. M.
71-007754
Bounds, S. V.
71-007755
Bouquegneau, J. M.
71-010627
71-011190
Bourgeois, M.
71-007756
Bourne, D. W.
71-001940
Bourquin, A. W.
71-010628
Boush, G. M.
71-011094
Boutwell, J. L.
71-000441
Bouvet, J.
71-002305
Bovee, K.
71-012924
71-012925
Bovee, K. D.
71-011886
71-011887
Bowen, C. A.
71-008909
Bowen, S. H.
71-000695
71-002306
71-006797
71-006902
71-007392
Bower, C. E.
71-001133
Bower, S. M.
71-009252
71-009253
71-009254
Bowering, W. R.
71-005505
71-006206
71-007393
Bowers, M. A. III
71-010629
Bowers, M. J.
71-008329
Bowers, W.
71-012926
Bowker, D. W.
71-006858
Bowler, B.
71-013480
Bowles, R. R.
71-004920
71-012673
Bowling, J. W.
71-010820
Bowlus, D. R.
71-012132
Bowmaker, J. K.
71-004921
Bowman, E. W.
71-012607
Bowman, P.
71-007683
71-011857
Bowman, R. E.
71-007057
Bowser, P. R.
71-009399
71-009400
71-009401
71-009446

...CONTINUED...
Bowser, P. R.
71-009448
Boxrucker, J.
71-010247
Boxrucker, J. C.
71-008910
Boxshall, G. A.
71-009523
71-009524
Boyce, N. P.
71-009525
71-009865
71-010630
Boychuk, R. W.
71-010701
Boyd, C. E.
71-000189
71-000301
71-000322
71-000323
71-000324
71-000391
71-000487
71-000489
71-000534
71-000535
71-000982
71-000983
71-000984
71-001014
71-001134
71-001135
71-002521
71-010043
71-011476
71-011477
71-012642
71-012643
71-012644
71-012648
71-012654
71-012655
Boyd, T. A.
71-002307
71-002824
Boydstun, L. B.
71-000163
Boylan, J. W.
71-004127
Boyle, H.
71-009591
Boyle, T. P.
71-000005
71-001190
71-010390
Boyle, W. C.
71-010171
Boynton, W. R.
71-005827
Boytsov, M. P.
71-010044
Bozeman, E. L., Jr.
71-006589
Bozhkov, A. T.
71-004922
Bozhkova, V. P.
71-003912
Braasch, M. E.
71-008715
71-008716
Braaten, B. A.
71-009062
Brabant, J. C.
71-012491
Bradbury, M. G.
71-008490
Brader, J. D.
71-006817
Bradley, B. P.
71-007179
Bradley, F.
71-010296
Bradley, M.
71-011895
Bradley, W. K.
71-009521
Bradley, W. K., Jr.
71-006207
Bradshaw, A. S.
71-011217
Bradt, D. W.
71-006635
Bradt, P. T.
71-001191
71-001192
Brady, D. K.
71-001101
Brady, D. R.
71-001435
71-007394
Braekevelt, C. R.
71-001436
Brafield, A. E.
71-010631
71-011098
Bragg, R. J.
71-005506
Braid, M. R.
71-000284
Brakke, D. F.
71-001193
Braman, J. C.
71-002308
71-004551
Brambilla, D. J.
71-006798
Branch, M. R.
71-000568

Brandal, P. O.
71-009526
Brandenburg, A. M.
71-000428
71-000696
Brander, K. M.
71-013162
Brandes, W. F.
71-004552
71-004642
Brandon, S. E.
71-004923
Brandt, A. V.
71-013434
Brandt, E.
71-003307
Brandt, S. B.
71-005507
71-007001
71-008223
71-013403
71-013404
Brandt, T. M.
71-012310
Brangenberg, W. C.
71-008068
Brannon, E. L.
71-000173
Branson, B. A.
71-001437
71-001438
71-004859
71-005518
71-007668
71-007757
71-007758
Branson, D. R.
71-011137
Branson, J. H.
71-013264
Branstetter, S.
71-008491
Braschler, E. W.
71-000285
Brasola, V.
71-000569
Brassington, R. A.
71-004553
Brauer, E. P.
71-000825
Braune, M. O.
71-004645
Bravo, S. A.
71-000061
Bray, H.
71-011779
Bray, R. A.
71-009527
71-009528
71-009529
71-009649
71-009650
Bray, R. N.
71-006610
71-006799
Brazo, D. C.
71-005508
Brazzelli, A.
71-010597
Breder, C. M., Jr.
71-004924
Breen, P. A.
71-000006
Breepoel, P. M.
71-002309
Breer, H.
71-003905
Bregazzi, P. R.
71-008313
Brekke, O. L.
71-010632
Brembach, M.
71-001439
Brennan, J. A.
71-013164
Brenner, B. C.
71-007395
Brenner, F. J.
71-010633
71-010634
71-010635
Brenniman, G. R.
71-010636
71-010637
Brent, C. R.
71-010367
Bresching, G.
71-009747
71-009870
Bresnick, G. I.
71-007396
71-007397
71-010045
Bresonik, P. L.
71-010140
Brethes, J. C.
71-012492
Breton, B.
71-000399
71-000400
71-001992
71-002246
71-002247
71-002253
71-002310
71-002311
71-002370

...CONTINUED...
Breton, B.
71-002611
71-002736
71-002811
71-002812
71-003144
71-003145
71-003790
71-003936
71-004258
71-004368
Bretsch, H. P.
71-001049
Bretschneider, F.
71-002312
71-002313
71-004312
Brett, J. R.
71-000056
71-000192
71-002314
71-002450
71-009830
Breucker, H.
71-001440
71-002002
71-002095
Brewer, D.
71-000965
Brewer, G. D.
71-002315
71-004925
71-006208
Brewer, K. J.
71-002316
Brezonik, P. L.
71-001102
Brichon, G.
71-004518
Bridges, C. R.
71-003846
71-007431
Bridges, D. W.
71-002317
71-002409
71-009440
Bridges, W. R.
71-000214
71-001010
71-007520
Briggs, J. C.
71-008492
Briggs, P. T.
71-000697
71-007398
71-007399
71-007759
71-008291
71-013163
Briggs, T.
71-002362
Bright, C. F.
71-007974
Brill, R. W.
71-002318
71-002319
71-002320
71-002585
Brinckmann-Voss, A.
71-001298
Brindle, J. R.
71-001174
Brink, J. J.
71-010467
Brinkhurst, R. O.
71-010046
71-010065
Brinton, E.
71-001301
Brito, M.
71-004517
Brittan, M. R.
71-007760
Britton-Davidian, J.
71-004542
Britton, J. C.
71-008948
Britvic, S.
71-011020
Brock, D. W.
71-010033
Brock, J. A.
71-012311
Brock, R. E.
71-006800
71-007761
Brocksen, R. W.
71-003313
71-003413
Broderius, S. J.
71-010638
71-010639
71-010986
71-011389
71-011390
71-011391
Brodie, P. F.
71-001302
Brodskiy, D. A.
71-006684
Bromage, N. R.
71-004390
71-004391
71-004392
Bromley, P. J.
71-000698
71-000699
71-000700

...CONTINUED...
Bromley, P. J.
71-000701
Bronage, N. R.
71-010640
Bronevskii, A. M.
71-005468
Bronzi, P.
71-000325
Brook, I. M.
71-006801
71-006802
71-010459
Brooke, L. T.
71-002235
71-002321
Brooker, M. P.
71-010513
71-010641
71-010642
Brooks, A. S.
71-001034
71-001303
71-010643
71-010644
71-011090
71-011351
Brooks, D. R.
71-009530
71-009531
71-009532
71-009533
71-009534
71-009535
71-009639
71-009794
71-009798
Brooks, R. R.
71-010645
Broom, D. M.
71-009594
Brophy, P.
71-007845
Brothers, E. B.
71-005509
71-007400
71-007401
71-008621
Broughton, N. M.
71-002322
71-007402
Broughton, P. F.
71-009739
Brouha, P.
71-011348
Broun, G. R.
71-002323
Broussard, M. C., Jr.
71-000126
71-000326
71-000327
Brouzes, R. J. P.
71-010233
Brown, A. K.
71-006209
Brown, A. L.
71-008911
Brown, A. V.
71-000050
71-000298
71-000412
Brown, B. E.
71-005934
71-013164
Brown, C.
71-002324
71-009182
Brown, D.
71-003388
71-007403
71-007404
71-011275
Brown, D. A.
71-010646
71-011127
Brown, D. E.
71-000618
Brown, D. H.
71-006210
Brown, D. J. A.
71-000309
71-012493
Brown, D. L.
71-011779
Brown, D. S.
71-001441
71-001442
Brown, D. W.
71-011110
Brown, E. E.
71-000062
71-000328
Brown, E. H., Jr.
71-006257
Brown, E. R.
71-008912
Brown, G. W., Jr.
71-002691
71-004359
71-010647
Brown, I. D.
71-003829
Brown, J.
71-004926
71-010821
Brown, J. C.
71-013357
71-013369
Brown, J. D.
71-007779
Brown, J. R.
71-010648
Brown, L.
71-004980
71-006252
71-012508
Brown, L. P.
71-006211
Brown, L. R.
71-009098
71-010649
Brown, P. J.
71-011698
Brown, P. S.
71-011816
Brown, R. G.
71-002984
71-002985
Brown, S.
71-002325
71-002326
Brown, S. B.
71-005066
Brown, T. J.
71-007236
Brown, T. L.
71-012838
Brown, V. M.
71-010922
Brown, W. D.
71-003879
Brown, W. G.
71-011952
Brownell, C. L.
71-006803
71-006804
71-007762
Browning, J.
71-002327
Brownlee, B.
71-010047
71-010048
Bruce, R. W.
71-002328
Bruce, W. J.
71-013055
Brugam, R. B.
71-010049
Bruger, G. E.
71-005924
Bruley, G. K.
71-000063
71-000064
Brulez, W.
71-002329
Brummett, A. R.
71-001443
Brun, G.
71-013058
Brundage, H. M. III
71-007763
Brunel, P.
71-006450
Brungs, W. A.
71-002330
71-010050
71-010051
71-010052
71-011038
Brush, E. J.
71-010053
Brusle, J.
71-001444
Brusle, S.
71-001444
Brusven, M. A.
71-001208
71-001233
Bruton, M. N.
71-005510
71-006212
71-006805
71-006806
71-007405
71-007764
71-010514
Bruzska, E.
71-000399
Bry, C.
71-002533
Bryan, C. F.
71-007795
Bryan, C. L.
71-002789
Bryan, H.
71-011664
Bryan, P. G.
71-000570
Bryant, G. L.
71-007406
Bryant, M. D.
71-005925
71-012312
Bryant, R. T.
71-007765
Bryantsev, V. A.
71-008310
Bryazgunova, M. I.
71-006807
71-007113
Brynildson, C. L.
71-012389
Brynildson, O. M.
71-010054
71-011888
71-012389
...CONTINUED...
Brynildson, O. M.
71-012392
71-013017
Bryson, W. T.
71-012619
Buangsawasdi, M.
71-010650
Bubien, J. K.
71-002331
Buc, W. J.
71-012913
Buchanan, C. C.
71-012045
Buchanan, D. V.
71-006808
71-010651
71-012436
Buchanan, J. E.
71-013167
Buchanan, J. P.
71-003014
Buchanan, J. S.
71-009402
71-009453
Buchanan, T. M.
71-011889
Buchner, S. C.
71-009538
Buck, C. A.
71-004346
Buck, D. H.
71-000065
71-000316
71-012645
71-013012
Buck, E. H.
71-000276
71-013500
Buck, H.
71-000329
Bucke, D.
71-009063
71-009364
71-009403
71-009536
71-009537
Buckingham, S. W.
71-004927
Buckler, D. R.
71-011578
Buckley, B. R.
71-005398
71-007635
Buckley, J. A.
71-010652
71-010653
71-010654
71-010655
Buckley, J. T.
71-003407
71-004237
Buckley, L. J.
71-002332
71-002333
Buckley, R.
71-008387
Buckley, R. M.
71-000256
Buckner, J. L.
71-011573
Buckner, R. L.
71-009538
71-009840
Buclon, M.
71-002393
Budayeva, V. D.
71-008286
Budd, J.
71-009146
71-009353
71-009456
71-010851
Buddington, R. K.
71-000690
71-000702
71-002334
Budnichenko, E. V.
71-007240
Budnichenko, V. A.
71-006809
71-007407
Bugayev, V. F.
71-001445
Bugenyi, F. W. B.
71-012915
Buggiani, S. S.
71-010055
Buglewicz, E. G.
71-000007
Buhler, D.
71-011249
Buhler, D. R.
71-010364
71-010656
71-011248
Buhringer, H.
71-003329
Buikema, A. L. Jr.
71-010657
Buikema, A. L., Jr.
71-001321
71-010056
71-010658
71-010659
71-010671
71-010672
71-013082
Bulak, J. S.
71-000330
...CONTINUED...
Bulak, J. S.
71-002335
Bulakov, A. B.
71-002336
Bulger, A. J.
71-004554
Bulkley, R. V.
71-006810
71-010660
71-010661
71-011040
71-011890
71-011891
Bull-Berg, L.
71-000066
Bull, C. J.
71-012839
Bull, L. M.
71-004237
Bullock, A. M.
71-001446
71-002337
71-002338
71-009539
71-009540
71-009891
71-009893
Bullock, G. L.
71-009064
71-009065
71-009066
71-009067
71-009068
71-009069
71-009070
71-009071
71-009111
71-009404
Bullock, L. H.
71-001971
71-008311
71-010516
Bullock, T. H.
71-002339
71-002340
71-002341
71-002689
71-004928
Bullock, W. L.
71-009820
Bulow, F. J.
71-002342
71-002343
71-004419
71-004507
71-006986
71-007408
71-007409
71-008913
71-009541
71-009542
Bumpus, R.
71-004746
Bun Ng, T.
71-002344
Buntz, J. C.
71-012177
Burack, G.
71-005224
Burch, O. S.
71-008028
Burchmore, J. J.
71-006781
71-006782
Burdak, V. D.
71-001447
71-001448
Burdett, R. D.
71-004131
Burek, J. D.
71-009302
Buress, R. M.
71-010662
Burford, G. D.
71-002810
Burg, A. W.
71-010663
Burgat, M.
71-010252
Burger, A. P.
71-011383
71-011384
71-011385
Burger, Sr. J. M.
71-013031
Burgess, G. H.
71-007766
71-008171
71-008493
Burgess, J. W.
71-004929
Burgess, W. E.
71-008742
Burgess, W. H.
71-000981
Burggren, W.
71-001449
Burggren, W. W.
71-002345
Burgner, R. L.
71-012846
Buri, P.
71-000429
Burke, C. N.
71-009270
Burke, T. A.
71-001052

Burke, W. [illegible]
71-[illegible]
Burkhalter, D. E.
71-[illegible]
71-[illegible]
71-[illegible]
Burkhardt, D. A.
71-001450
Burkhead, N. M.
71-007952
Burkov, A. I.
71-005511
Burlakov, A. B.
71-002346
71-002347
71-002348
71-003392
Burn, P. R.
71-008914
71-008915
71-009543
71-009544
Burnell, A. M.
71-004573
Burnet, A. M. R.
71-008312
Burnett-Herkes, J.
71-005512
Burnett, L. E.
71-011146
Burney, L. A.
71-009408
Burnison, B. K.
71-001334
Burnison, G. A.
71-010323
Burns, B. R.
71-007059
Burns, C. W.
71-001209
Burns, D. C.
71-012927
Burns, F. A.
71-008068
Burns, J. R.
71-002349
Burns, K.
71-010454
Burns, K. A.
71-010246
71-010665
Burns, N. M.
71-001055
71-001056
71-001136
71-001137
71-001138
71-001139
71-001356
Burns, R. P.
71-012646
Burns, T. A.
71-002350
Burnside, D. F.
71-002351
Burr, B. M.
71-001451
71-001452
71-004557
71-005513
71-005514
71-005515
71-005777
71-006213
71-006214
71-007574
71-007767
71-007768
71-007769
71-007770
71-007771
71-007772
71-008106
71-008494
71-008495
71-008496
Burrell, D. C.
71-001050
Burrell, T. M.
71-011002
Burreson, E. M.
71-009255
71-009256
71-009545
71-009546
71-009547
Burress, R. M.
71-012289
71-012494
71-012495
Burrough, R.
71-009734
Burrough, R. J.
71-007410
71-007411
71-008313
71-009548
Burrows, J. M.
71-009478
Bursell, E.
71-002403
Burstall, P. J.
71-011633
Burt, M. D. B.
71-009394
71-012324
Burton, C. B.
71-001815

...CONTINUED...
Burton, C. B.
71-002352
Burton, D.
71-001453
71-001454
71-001455
71-002353
Burton, D. T.
71-001798
71-002105
71-002106
71-002354
71-002355
71-002356
71-002357
71-003880
71-003881
71-008081
71-010057
71-010058
71-010059
71-010060
71-010061
71-010062
71-010271
71-010617
71-010666
71-010667
71-010668
71-010669
71-010833
71-010847
71-011045
71-011046
71-011047
71-011048
71-011081
71-011082
71-011083
71-011279
71-011293
71-012725
71-013351
Burton, D. W.
71-002551
Burton, M.
71-003642
Burton, M. P.
71-003088
71-003282
Burzawa-Gerard, E.
71-002358
71-002359
71-002830
71-003465
Busack, C. A.
71-000164
71-004555
71-004556
Busacker, G. P.
71-002360
Busakhin, S. V.
71-005567
Busch, L. S.
71-013031
Busch, R. A.
71-009072
Busch, R. L., Jr.
71-000331
Busch, W.-D. N.
71-007347
71-012390
Busdosh, M.
71-007088
71-010026
71-013353
Bushuyev, V. P.
71-006332
Buss, D.
71-002361
Buss, J. A.
71-012745
Bussing, W. A.
71-007773
Bussjaeger, C.
71-002362
Bussmann, B
71-009549
Buth, D. G.
71-004557
71-004558
71-004559
71-004560
71-004561
71-007770
71-008497
Butler, B.
71-003834
Butler, D. G.
71-001425
71-003013
Butler, J. A.
71-013381
Butler, J. L.
71-008498
71-008499
71-008763
Butler, J. N.
71-010063
Butler, J. R.
71-011386
Butler, J. S.
71-010400
Butler, P. J.
71-002363
71-002364
71-002365
71-002366

...CONTINUED...
Butler, P. J.
71-004019
Butler, S. A.
71-012722
Butschek, V.
71-011892
Butskaya, N. A.
71-002367
71-006177
Butsuk, S. V.
71-002237
Buttner, J. K.
71-009550
Butts, T. A.
71-011893
Buwalda, R. J. A.
71-004931
Buxton, K. S.
71-011071
71-011330
Buy Lay
71-011557
Buyakas, V. I.
71-012723
Buyanov, N. I.
71-000165
71-002368
Buynak, G. L.
71-000110
71-000985
71-001456
71-001457
71-001458
71-001459
71-001460
71-001461
71-001462
71-001463
71-001464
71-001465
71-001466
71-006276
71-009405
71-010064
Buyukhatipoglu, S.
71-000266
71-000986
Buzinova, N. S.
71-002369
Buzzard, M.
71-001326
Bye, C.
71-008852
Bye, V. J.
71-002370
71-006497
Byers, S. C.
71-010065
Byles, T. C.
71-002587
Byrd, I. B.
71-011634
Byrne, J. M.
71-008422
Byron, R. R.
71-007793
71-012498
Caballero C., E.
71-009551
71-009552
Caballero R., G.
71-009551
71-009552
Cabe, D. B.
71-013499
Cabling, F., Jr.
71-004169
Cabrereo, J. E., Jr.
71-000332
Cada, G. F.
71-012674
71-012675
Cadwallader, P. L.
71-001194
71-005516
71-006215
71-006590
71-006591
71-006811
71-006812
71-006813
71-006814
71-006815
71-006816
71-007412
71-007774
71-007775
71-013354
Cagan, R. H.
71-002371
71-004506
Cahn, P. H.
71-005047
Caiati, M.
71-003835
Caillet, C.
71-009553
Cailliet, G. M.
71-005517
71-007693
Caird, D. M.
71-001467
Cairns, J., Jr.
71-002431
71-002863
71-004011
71-006717
71-010066
71-010067

...CONTINUED...
Cairns, J., Jr.
71-010068
71-010069
71-010081
71-010114
71-010168
71-010195
71-010257
71-010305
71-010441
71-010442
71-010487
71-010657
71-010658
71-010670
71-010671
71-010672
71-010673
71-010674
71-010675
71-010676
71-010697
71-010698
71-010840
71-011065
71-011455
71-011635
71-013383
Cairns, M. A.
71-000283
71-002303
71-002372
Cairns, T.
71-010070
Cala, P.
71-006216
Cala, P. M.
71-002373
Calabrese, A.
71-010677
71-010734
Calamari, D.
71-010071
Calaprice, J. R.
71-000571
Calbert, H. E.
71-000333
71-007492
Calder, D. R.
71-012101
Calderwood, H. W.
71-010682
Caldwell, F. H.
71-004422
Caldwell, R. S.
71-000942
71-010656
Calhoun, W. F.
71-006717
71-010676
71-012806
Califano, R. J.
71-010678
California Department of Fish and Game
71-011825
Callaghan, O.
71-008912
Callan, J. G.
71-013345
Callard, I. P.
71-002999
Callejas, J.
71-004038
Calvelo, R. R.
71-013165
Calvet, F.
71-010259
Cameron, J. A.
71-010679
71-011395
Cameron, J. N.
71-002374
71-002375
71-002376
Cameron, J. S.
71-002377
71-002378
71-002379
Cammen, L. M.
71-012724
Camp, B. J.
71-009100
71-010892
71-011387
Camp, J. W., Jr.
71-009554
Campagna, C. G.
71-002406
Campbell, C. B. G.
71-002285
Campbell, C. M.
71-002380
71-002381
71-002382
71-002383
71-002384
71-003085
Campbell, D. E.
71-012242
Campbell, G.
71-001485
71-002861
Campbell, G. C.
71-009620
Campbell, J. N.
71-009287
Campbell, J. R.
71-010423

...CONTINUED...
- Campbell, J. R.
  - 71-011370
- Campbell, J. S.
  - 71-000334
  - 71-006217
  - 71-007413
  - 71-011780
- Campbell, L. M.
  - 71-009201
- Campbell, N. J.
  - 71-001057
- Campbell, P.
  - 71-001087
  - 71-001140
- Campbell, R. A.
  - 71-009555
  - 71-009556
  - 71-009557
  - 71-009558
  - 71-009559
  - 71-009560
  - 71-009561
  - 71-009562
  - 71-009563
  - 71-009564
  - 71-009570
  - 71-009572
  - 71-009574
  - 71-009985
  - 71-009986
- Campbell, R. D.
  - 71-005518
- Campbell, R. N.
  - 71-005519
  - 71-007776
- Campbell, R. S.
  - 71-011585
- Campbell, S. L.
  - 71-007921
- Campbell, W. J.
  - 71-012129
- Camper, J. E.
  - 71-009302
- Campos-P., V.
  - 71-010091
- Campos, A. G.
  - 71-006218
- Campos, H.
  - 71-008500
- Canali, S.
  - 71-001309
- Cancellieri, S.
  - 71-000335
- Cann, D. C.
  - 71-009999
- Cannamela, D. A.
  - 71-006817
- Cannas, A.
  - 71-000569
- Canning, E. U.
  - 71-009257
  - 71-009565
- Cannon, A. M.
  - 71-001468
  - 71-002385
- Cannon, L. R. G.
  - 71-009566
  - 71-009567
- Cannon, M. S.
  - 71-001468
  - 71-002385
  - 71-003410
- Cannon, T.
  - 71-000486
- Canoles, B.
  - 71-012238
- Canton, J. H.
  - 71-010680
  - 71-010681
- Canton, S. P.
  - 71-001195
  - 71-010072
- Canty, W. T.
  - 71-010242
  - 71-010243
- Capape, C.
  - 71-001469
  - 71-005520
  - 71-006818
- Capelli, R.
  - 71-010093
- Capizzi, T.
  - 71-012725
- Capizzi, T. P.
  - 71-002356
- Caporiccio, B.
  - 71-001470
- Capra, M. F.
  - 71-002366
  - 71-002386
  - 71-002387
- Caprio, J.
  - 71-002388
  - 71-004932
- Caprio, J. T.
  - 71-002389
- Caputi, N.
  - 71-010073
- Caraballo, A. J.
  - 71-001370
- Cardeilhac, P. T.
  - 71-010682
- Cardenas, J. M.
  - 71-002865
  - 71-002866
  - 71-002867
  - 71-003352
- Cardwell, R. D.
  - 71-010683

...CONTINUED...
- Cardwell, R. D.
  - 71-010684
- Carey, A. G., Jr.
  - 71-001202
- Carillo, M. A.
  - 71-002390
- Caris, N.
  - 71-011536
- Caritat, A.
  - 71-010802
- Carlander, K. D.
  - 71-005927
  - 71-007082
  - 71-007104
  - 71-007414
  - 71-007415
  - 71-007654
  - 71-008957
  - 71-011890
  - 71-011891
  - 71-012130
  - 71-012391
  - 71-012840
  - 71-012841
  - 71-012842
  - 71-013015
- Carline, R. F.
  - 71-005928
  - 71-005929
  - 71-006012
  - 71-008366
  - 71-012392
  - 71-013016
  - 71-013017
- Carlisle, J. C.
  - 71-009406
  - 71-009568
  - 71-009569
- Carls, E. G.
  - 71-012131
- Carlson, A. R.
  - 71-002391
  - 71-010685
- Carlson, B.
  - 71-012061
- Carlson, C. A.
  - 71-006883
  - 71-007777
- Carlson, C. P.
  - 71-009469
- Carlson, D.
  - 71-011894
- Carlson, H. R.
  - 71-005521
  - 71-006592
  - 71-006819
  - 71-007778
- Carlson, J. B.
  - 71-001058
- Carlson, J. E.
  - 71-006593
- Carlson, R. F.
  - 71-010074
- Carlson, R. W.
  - 71-006194
  - 71-010051
  - 71-010745
- Carlton, F. E.
  - 71-011636
- Carlucci, G. D.
  - 71-012019
- Carmena, A. O.
  - 71-004038
- Carmichael, G. J.
  - 71-001471
- Carmignani, G. M.
  - 71-000987
- Carney, J. H.
  - 71-012746
- Carolan, P.
  - 71-003834
- Carothers, S. W.
  - 71-008072
- Carpenter, G. F.
  - 71-001304
- Carpenter, J. W.
  - 71-004562
- Carpenter, M. R.
  - 71-012132
- Carpenter, S. R.
  - 71-000008
- Carpentier, P.
  - 71-000166
- Carr, J. E.
  - 71-012843
- Carr, W. D.
  - 71-008906
- Carr, W. E. S.
  - 71-004933
  - 71-006820
  - 71-006821
  - 71-006822
  - 71-012313
- Carrano, V. T.
  - 71-003741
- Carrasa, S.
  - 71-007441
- Carreon, J. A.
  - 71-000286
- Carrick, S. M.
  - 71-007424
- Carrick, T. R.
  - 71-010686
- Carrier, J. C.
  - 71-002392
- Carrier, R. F.
  - 71-012676
- Carrillo, M.
  - 71-002423
- Carroll, D. S.
  - 71-004948
- Carroll, J. H., Jr.
  - 71-011895
- Carroll, J. J.
  - 71-010687
- Carscadden, J. E.
  - 71-001472
  - 71-004787
  - 71-005522
  - 71-006158
  - 71-006182
  - 71-006219
  - 71-006382
  - 71-006618
- Carson, J. L.
  - 71-001837
- Carson, W. G.
  - 71-011562
  - 71-011568
  - 71-011569
  - 71-011570
- Carter, B. J.
  - 71-008118
- Carter, H. J.
  - 71-005025
- Carter, N. E.
  - 71-011727
- Carter, N. M.
  - 71-013132
- Carter, R. R.
  - 71-000300
  - 71-000336
  - 71-000337
  - 71-000364
  - 71-000377
  - 71-000530
  - 71-000531
- Carter, T. S.
  - 71-004934
- Carter, V. P.
  - 71-000037
- Cartier, M.
  - 71-002393
- Caruso, J. H.
  - 71-008501
- Carvajal G., J.
  - 71-009555
  - 71-009570
  - 71-009935
  - 71-009983
- Carvajal, J.
  - 71-009571
  - 71-009572
  - 71-009573
  - 71-009574
  - 71-009575
  - 71-009576
  - 71-009596
- Carver, D. C.
  - 71-000293
  - 71-006656
  - 71-007578
  - 71-013056
- Carver, J. A., Jr.
  - 71-011637
- Cas, F. C.
  - 71-000508
- Case, G. R.
  - 71-005523
- Case, J. F.
  - 71-004342
- Casey, J. G.
  - 71-005843
- Cashner, R. C.
  - 71-006859
  - 71-007772
  - 71-007779
  - 71-007780
  - 71-008502
  - 71-008503
- Cashon, R. E.
  - 71-002853
- Casida, J. E.
  - 71-010823
- Casillas, E.
  - 71-002394
  - 71-002395
  - 71-004430
- Casne, S. R.
  - 71-010075
- Cassell, B.
  - 71-006337
- Casselman, J. M.
  - 71-002396
- Cassia, M. C.
  - 71-007429
- Cassidy, F. L., Jr.
  - 71-013166
- Castagna, M.
  - 71-005801
- Castanet, J.
  - 71-001575
- Casteel, R. W.
  - 71-001473
  - 71-007781
  - 71-008504
- Castejon, O. J.
  - 71-001370
- Castel, J. D.
  - 71-000703
- Castel, M.
  - 71-009862
- Castello, J. P.
  - 71-005524
- Casterlin, M. E.
  - 71-002397
  - 71-003875

...CONTINUED...
- Casterlin, M. E.
  - 71-003877
  - 71-003878
  - 71-004884
  - 71-004935
  - 71-004936
  - 71-004937
  - 71-004938
  - 71-004939
  - 71-005309
  - 71-005310
  - 71-005311
  - 71-005312
  - 71-005313
  - 71-005314
  - 71-005315
  - 71-005318
  - 71-005319
  - 71-005320
  - 71-005321
  - 71-005322
  - 71-005323
  - 71-005324
  - 71-005325
  - 71-005327
  - 71-005329
  - 71-006594
  - 71-006695
  - 71-009178
  - 71-009179
- Castilla, C.
  - 71-002297
  - 71-003596
- Castillo, C.
  - 71-009575
- Castle, P. H. J.
  - 71-001474
  - 71-001475
  - 71-008505
  - 71-008506
  - 71-008507
  - 71-008508
- Castric, J.
  - 71-009407
  - 71-009413
- Castro Barrera, T.
  - 71-005930
- Castro, H. T.
  - 71-010076
- Cataudella, S.
  - 71-004563
- Catchings, E. D.
  - 71-007416
- Catherwood, B. D.
  - 71-002551
- Catlett, R. H.
  - 71-002398
- Cattan, P. E.
  - 71-009571
  - 71-009575
  - 71-009576
- Caudill, S. J.
  - 71-012241
- Caul, J. F.
  - 71-013342
  - 71-013343
- Cauley, D. A.
  - 71-012809
- Caulton, M. S.
  - 71-002399
  - 71-002400
  - 71-002401
  - 71-002402
  - 71-002403
  - 71-007417
- Cauvin, D.
  - 71-012133
- Cauvin, D. M.
  - 71-011638
- Cavagna, G. A.
  - 71-004982
- Cavell, M. A.
  - 71-010168
- Cavender, T. M.
  - 71-004688
  - 71-004766
  - 71-007782
- Caviglia, A.
  - 71-010077
- Cawley, G. D.
  - 71-009536
- Caxton-Martins, A. E.
  - 71-002404
- Caywood, M. L.
  - 71-007680
- Cech, J. J., Jr.
  - 71-002317
  - 71-002405
  - 71-002406
  - 71-002407
  - 71-002408
  - 71-002409
  - 71-003477
- Cecio, A.
  - 71-002443
- Cederberg, C.
  - 71-003024
- Central Inland Fisheries Research Institute
  - 71-000338
  - 71-013057
- Cequea, H.
  - 71-008726
- Cerrillo, L. A.
  - 71-010465
- Cervigon, F.
  - 71-008726

Cha, C.-J.
71-002307
71-003254
71-003255
71-003393
Chadwick, A.
71-002882
71-003275
Chadwick, E. M. P.
71-007418
71-007419
71-012831
Chadwick, H. K.
71-013142
Chagas, C.
71-003694
Chagny, F.
71-002846
Chaiyarach, S.
71-010688
Chakrabarty, D. P.
71-000339
71-000340
71-011603
Chakrabarty, R. D.
71-000339
71-000340
71-000341
71-000704
71-000705
71-005525
71-012663
Chakrabarty, S.
71-010728
Chakraborti, P.
71-002410
Chakraborti, P. K.
71-010399
Chakraborty, D.
71-000370
71-000453
Chaloner, W. G.
71-007783
Chamberlain, A. J.
71-012090
Chamberlain, D. W.
71-009790
Chamberlain, N. A.
71-007695
Chamberlain, S. K.
71-000519
Chambers, H.
71-010689
71-010784
Chambers, J. E.
71-002411
71-003510
71-003511
71-010690
Chambers, J. R.
71-008509
71-011966
Chambers, T. J.
71-008231
Chambolle, P.
71-002412
71-003185
71-003697
Champeau, A.
71-013058
Champion, M. J.
71-004564
71-004565
71-004566
Chan, D. K. O.
71-002413
71-002414
71-002415
71-002416
71-002417
71-002418
71-002419
71-002997
71-002998
71-004420
Chan, E. H.
71-006220
71-006823
Chan, K.
71-001820
71-003344
71-003345
Chan, K. C.
71-010499
Chan, K. K.
71-000572
Chan, K. K.-S.
71-002420
71-010691
Chan, M.-L.
71-013167
Chan, S. T. H.
71-004183
Chanana, A.
71-009660
71-009661
Chance, C. J.
71-013059
Chanchal, A. K.
71-004033
Chandler, G. T.
71-005526
71-005711
Chandler, J. H., Jr.
71-010603
71-010604
71-011087
71-011574

...CONTINUED...
Chandler, J. H., Jr.
71-011596
Chandra, R.
71-007784
Chandra, S.
71-004181
71-004182
71-009370
71-009371
Chandrasekaran, G.
71-004811
Chandrasoma, J.
71-006247
Chaney, T. B.
71-006821
Chang, E. S.
71-010304
Chang, J.
71-001050
Chang, K.-Y.
71-011473
Chang, S.
71-005762
Chanteau, S.
71-010579
Chantrey, D. F.
71-004940
Chao, L. N.
71-005527
71-005528
71-008510
Chao, L. P.
71-002421
Chapman, D. G.
71-011781
Chapman, D. R.
71-011745
Chapman, D. W.
71-005529
71-005931
71-007420
71-011896
Chapman, G. A.
71-009522
71-010692
71-010693
71-010694
71-011782
Chapman, G. B.
71-001654
71-009052
71-009219
Chapman, R. W.
71-006221
Chapman, W. R.
71-008990
71-009258
71-012129
Chappel, J. A.
71-006374
Chappell, J.
71-009445
Chappell, J. A.
71-000342
71-005173
Chapra, S. C.
71-001171
Characklis, W. G.
71-010236
Charbonneau, J. J.
71-012134
Charbonnier, D.
71-013168
Charlton, M. N.
71-001141
Charney, P.
71-004941
Charreau, E. H.
71-004204
Chartock, M. A.
71-013499
Chasan, D. J.
71-011639
71-012928
Chase, G.
71-002695
Chatterjee, D. K.
71-000475
71-000498
71-000704
71-012661
Chatterjee, G. N.
71-000749
Chatterji, A.
71-006824
Chatto, D. A.
71-002422
Chattopadhyay, G. N.
71-012647
Chaturvedi, L. D.
71-001476
71-011360
Chau, Y. K.
71-011487
71-011539
Chaudhry, H. S.
71-010555
Chaudhuri, H.
71-000343
71-000344
71-004567
71-010695
Chauvin-Muckensturm, B.
71-004942
Chauvin-Muckensturm, B. C.
71-004943
Chave, E. H.
71-005496
71-005530

Chaves, J. M.
71-002423
Chavez, H.
71-012135
Chavin, W.
71-002114
71-002115
71-002116
71-002360
71-003031
71-003632
71-004036
71-004037
Chebanov, N. A.
71-006222
Chechun, T. Y.
71-000149
Chee, G.
71-001623
Cheek, T.
71-006825
Cheema, I. R.
71-000229
Cheetham, J. L.
71-004944
Cheevaparanapivat, V.
71-010078
Chekalayev, Yu. V.
71-012723
Chekunova, V. I.
71-002424
71-002425
71-002426
Chellam, A.
71-009503
Chen, P. K.
71-009052
Chen, T. H.
71-000345
Chen, T. P.
71-000346
71-000573
Cheng, F.-C.
71-002427
Chepurnov, A. V.
71-000574
Chereshnev, I. A.
71-007785
Cherko, I.
71-010079
Chernenko, Ye. V.
71-004568
Chernoff, B.
71-010696
Chernyanev, Zh. A.
71-001928
71-002428
71-006223
Chernyshev, V. I.
71-002429
71-002430
71-003452
Cherry, D. S.
71-002431
71-010080
71-010081
71-010114
71-010257
71-010441
71-010442
71-010697
71-010698
71-010849
Chervinski, J.
71-000575
71-000706
71-000988
71-002432
71-002433
71-002434
71-002435
71-007786
71-008511
Chesler, S. N.
71-010169
Chesmore, A. P.
71-007954
Chesney, E. J., Jr.
71-002436
Chess, J. R.
71-006977
71-006978
Chessel, D.
71-012973
Cheung, P. J.
71-009259
71-009260
Chevalier, G.
71-002437
Chevalier, J. R.
71-008314
Chevassus, B.
71-000162
71-004541
71-004546
71-004569
71-004570
Cheverie, J. C.
71-010521
Chew, K. K.
71-007698
Chew, R. L.
71-005531
71-005532
Chhorn, L.
71-000800
Chichester, C. O.
71-000813

...CONTINUED...
Chichester, C. O.
71-003016
71-003506
Chien, Y.-H.
71-000067
Chigirinsky, A. I.
71-000560
Chikhachev, A. S.
71-002438
Chikina, V. S.
71-006331
Chilcote, M. W.
71-004571
Child, A. R.
71-001477
71-004572
71-004573
71-004803
Child, J. S.
71-004412
Childers, W. F.
71-000347
71-004591
71-004750
71-004856
71-004857
Childress, J. J.
71-004082
71-004228
Chilton, D.
71-007380
Chimney, M. J.
71-007030
Chinarina, A. D.
71-006826
Ching, C. V.
71-005533
Chinniah, V. C.
71-008916
Chiou, J.-Y.
71-000833
71-000835
Chipley, N.
71-013323
Chistobayeva, R. Ye.
71-008315
Chiszar, D.
71-005390
Chiszar, D. A.
71-000809
71-005076
Chittenden, M. E., Jr.
71-005534
71-005877
71-006224
71-007787
Chitty, N.
71-007936
Chliamovitch, Y.-P.
71-010699
Cho, C. Y.
71-000681
71-000761
71-000762
71-000763
71-000764
71-000768
71-002984
71-003028
71-003384
71-003385
71-003389
71-011185
Choi, Y.-H.
71-008192
71-008193
71-008194
71-008784
Chong, C. V.
71-000010
Chorn, J.
71-008512
Choubert, G., Jr.
71-000707
71-000708
71-000709
71-000989
Chow, L. Y.
71-010648
Chow, P. H.
71-002417
Chow, T. J.
71-011401
71-011402
Chowdhary, S. K.
71-000514
Chowdhury, J. R.
71-002439
Chowdhury, N. R.
71-002439
Choy, C. K.
71-010499
Christensen, D. J.
71-012136
Christensen, G.
71-010700
Christensen, G. M.
71-002440
71-003706
71-010595
71-013355
Christensen, M. S.
71-006827
Christensen, M. T.
71-007336
Christensen, S. W.
71-012672
71-012735
71-012746

Christenson, L. M.
71-003069
71-006011
71-012866
Christian, A. R.
71-000283
71-002303
71-002372
Christiansen, J. A.
71-002441
Christie, W. J.
71-008357
71-008422
Christopher, W. E.
71-001478
Chu, B. C.
71-010562
Chu, B. S. C.
71-010701
Chu, T.-Y. J.
71-000493
Chua, K. E.
71-008396
Chua, T.-E.
71-000576
71-000660
71-000661
71-000917
71-006220
71-006823
Chuapoehuk, W.
71-000710
Chubb, A. D.
71-001430
71-001431
Chulitskaya, E. V.
71-002442
Chung, H.-Y.
71-009577
71-009578
Chung, K. S.
71-000990
71-010082
Chungue, E.
71-004479
71-010579
Churchfield, S.
71-013051
Churchill, W. S.
71-005932
71-012866
Churikov, A. A.
71-005621
71-006595
71-006952
Chvojka, R.
71-010032
Ciegler, A.
71-010632
Cieleszky, V.
71-010150
Cimini, V.
71-002443
Cincotta, D. A.
71-005220
71-008036
Cisar, J. O.
71-009171
Clady, M.
71-006828
71-006828
Clady, M. D.
71-005933
71-006433
71-006596
71-008316
71-008317
71-008318
71-008319
71-010321
71-012137
71-012242
Claiborne, J. B.
71-002444
Clairain, E. J., Jr.
71-007369
Clapp, J. B.
71-003647
Clare, J.
71-008361
Claridge, P. N.
71-002445
71-005535
71-006597
71-007648
Clark, A. G.
71-012735
Clark, A. L.
71-006829
71-007173
Clark, B. F.
71-007910
71-008028
Clark, C. W.
71-012726
71-013169
71-013253
Clark, E.
71-007788
71-008513
Clark, G. R.
71-013094
Clark, J.
71-011897
71-011898
Clark, J. H.
71-004588
71-012393

Clark, K. S.
71-012073
Clark, R. B.
71-010083
71-010283
Clark, R. C., Jr.
71-010084
71-010085
Clark, R. D., Jr.
71-011640
71-011727
71-012727
71-012728
Clark, S.
71-002446
Clark, S. H.
71-005934
Clark, T.
71-007789
Clark, W. F.
71-013473
Clark, W. G.
71-005935
71-013170
Clark, W. S.
71-013486
Clarke, A. J.
71-001479
Clarke, M. A.
71-008468
Clarke, N. L.
71-005291
Clarke, R. McV.
71-010561
71-010701
Clarke, T. A.
71-006598
71-006830
Clarke, W. C.
71-000167
71-001819
71-002447
71-002448
71-002449
71-002450
71-002451
71-003611
71-007421
Clarkin, S.
71-010820
Claro, R. M.
71-003874
Clavijo, I. E.
71-006227
Clay, C. S.
71-013373
71-013403
71-013404
Clay, D.
71-002452
71-005536
71-006225
Clayton, J. W.
71-004614
71-009426
71-012460
Clayton, R. M.
71-002453
Cleator, G. M.
71-009408
Clemens, H. P.
71-000851
71-007194
Clement, A.-M.
71-005720
71-007080
71-007545
Clement, G. L.
71-007192
Clement, K. T.
71-006720
Clements, L. C.
71-003045
Clemmer, G. H.
71-005646
71-006970
Clepper, H.
71-011641
Clerot, J.-C.
71-002566
71-004366
Clerx, J. P. M.
71-009060
Cleugh, T. R.
71-013435
Cliff, D. D.
71-010446
Clifford, W. J.
71-012136
Cline, G. B.
71-002261
71-002262
Cline, L. D.
71-011899
Clingbine, G.
71-010702
Cloern, J. E.
71-007422
71-008320
Cloud, T. J., Jr.
71-011900
Cloutman, D. G.
71-005633
71-005772
71-008514
71-008906
71-009579
71-009580

...CONTINUED...
Cloutman, D. G.
71-009581
Clubb, R. W.
71-010703
71-010704
Clugston, J. P.
71-010379
71-010422
71-011901
71-012043
Clulow, K.
71-007900
Clyburne, S.
71-003414
71-009148
Clymer, J. P. III
71-006831
Coad, B. W.
71-007790
71-008515
Coan, A. L.
71-013302
71-013303
Coastal Plains Center for Marine Development Services
71-013171
71-013172
Coates, D.
71-006832
71-006833
Coates, G. D.
71-012394
Coates, M.
71-002454
71-002455
Coates, P. G.
71-005993
71-007846
Coats, D. W.
71-009302
Coats, J. R.
71-010705
Cobb, C. S.
71-002343
Cobb, J. L. S.
71-002049
Coble, D.
71-012296
Coble, D. W.
71-004226
71-005537
71-006074
71-006305
71-007643
71-008435
71-009968
Coburn, C. B.
71-002342
Coburn, C. B., Jr.
71-002456
71-002474
Coche, A. G.
71-000068
Cochnauer, T.
71-011886
Cochran, M. L.
71-009582
Cochran, M. L. B.
71-009583
Cochrane, K. L.
71-012844
Cocos, M.
71-006571
Coetzee, N.
71-000957
Coffin, P.
71-008321
Coffin, R.
71-006953
Cofield, C. R.
71-006447
Coggins, J. R.
71-009620
Cohen, D. L.
71-002223
Cohen, D. M.
71-002457
71-006696
71-008516
71-008517
71-008518
Cohen, G. M.
71-011554
Cohen, M. J.
71-004428
Cohen, M.-D.
71-012729
Cohen, S.
71-006226
Cohn, D. H.
71-003400
Coke, M. M.
71-000548
71-002069
Cokendolpher, J. C.
71-004574
Colberg, P. J.
71-000168
Colby, D. R.
71-001282
71-002968
71-011514
71-012170
Colby, P. J.
71-002321
71-011642
Cole, C. F.
71-001550

...CONTINUED...
Cole, C. F.
71-006054
71-006090
71-007065
Cole, D. W.
71-001151
Cole, H. A.
71-010086
Cole, L. J.
71-012884
Cole, R. A.
71-006599
71-012677
Cole, T. J.
71-010087
Coleman, D. E.
71-000991
Coleman, R.
71-000348
71-010706
Coleman, S. E.
71-013317
Coles, S. L.
71-010297
Coles, T. F.
71-012496
Colesante, R. T.
71-004945
71-011579
71-011580
Colgan, P.
71-004946
Colgan, P. W.
71-004575
Colin, D.
71-002459
Colin, D. A.
71-002458
Colin, P. L.
71-005538
71-006227
71-006228
71-006834
71-008519
71-008520
71-008808
Collard, T. R.
71-001505
Colle, D. E.
71-000504
71-000505
71-000506
71-000894
71-005539
71-005936
71-006835
71-007233
71-007619
71-009199
Collette, B. B.
71-005540
71-008521
71-008522
71-008523
Collier, T. K.
71-010707
71-011297
Collin, S.
71-002795
Collines, E. V.
71-000108
Collins, B. A.
71-001480
Collins, G. B.
71-011902
Collins, H. L.
71-005239
71-010786
Collins, J.
71-010088
71-010089
Collins, J. J.
71-012497
Collins, L. A.
71-001481
71-006263
71-007706
Collins, M. A. J.
71-002460
71-007791
Collins, M. T.
71-000069
Collis, C. S.
71-002461
Collis, W. J.
71-000349
71-000489
Colman, J. A.
71-001482
71-006229
71-008524
Colombo Belveder, P.
71-002462
Colombo, L.
71-002462
Colonna, G.
71-002183
Colorni, A.
71-009004
Colquhoun, J. R.
71-010708
71-010743
71-010744
71-013348
Colt, J.
71-000350
71-010709
71-012020

... CONTINUED...
Colt, J.
71-012034
71-012035
71-012036
Colt, J. E.
71-010710
Colton, D. E.
71-007792
Colton, J. B., Jr.
71-006230
71-007793
71-012498
Colura, R. L.
71-000577
Colwell, A. E.
71-010711
71-011333
Colwell, R. R.
71-010090
71-010091
Combs, D. L.
71-006836
71-009584
71-009585
Combs, E. R.
71-000169
Combs, G. F., Jr.
71-000845
Comp, G. S.
71-007794
Compagno, L. J. V.
71-002748
71-008525
71-008526
Comparini, A.
71-003891
Conacher, H. B. S.
71-011451
Conant, E. B.
71-002463
71-002464
Condou, K.
71-005054
Cone, D. K.
71-008917
71-009073
71-009261
71-009586
71-009587
Confer, J. L.
71-006837
Confer, N. M.
71-000040
Conklin, D. E.
71-000774
Conley, C. M.
71-007594
Connell, D. W.
71-010092
Connell, W.
71-011336
Connelly, K. L.
71-002091
Conner, J. V.
71-007795
71-007796
71-008527
Conners, R. E.
71-009620
Connes, R.
71-001470
Connock, M. J.
71-004196
Connor, P. M.
71-010496
Connors, T. J.
71-002465
71-011342
71-013345
Conrad, C.
71-002982
Conrad, C. D. W.
71-001159
Conrad, D. D. W.
71-001144
Conroy, D. A.
71-009588
Constantine, G. H., Jr.
71-011343
Constantinides, S. M.
71-013307
Constantz, G. D.
71-005541
71-006231
71-006232
Contardi, V.
71-010093
Conte, F. P.
71-002466
Contini, A.
71-001508
71-001509
71-002597
Contreras-Balderas, S.
71-008528
71-008529
Conway, H. L.
71-010712
Cook, A. F.
71-000351
71-002467
71-002468
71-002469
71-003781
71-004107
Cook, D. W.
71-010649
Cook, E. E.
71-010392
Cook, G. H.
71-010713
71-011218
Cook, H.
71-002470
Cook, J. E.
71-003713
Cook, K. D.
71-007797
Cook, M.
71-002917
Cook, P. C.
71-004576
Cook, R. C.
71-001483
Cook, S. F., Jr.
71-010498
Cook, S. K.
71-001104
71-007943
Cooke, G. D.
71-000009
71-012883
Cooke, I. R. C.
71-001484
71-001485
Cooley, J.
71-010296
Cooley, J. M.
71-001305
71-010714
Cooley, N. R.
71-007798
Coombs, R. F.
71-012730
71-013356
Coombs, S. H.
71-002471
Coomer, C. E., Jr.
71-006838
Coon, J. C.
71-005542
Cooney, R. T.
71-001050
Cooper, A. C.
71-012929
Cooper, C. L.
71-008077
71-009589
Cooper, C. M.
71-001196
71-001197
Cooper, G. P.
71-012242
Cooper, J. C.
71-005368
71-005369
71-005370
71-006233
71-006234
71-006235
71-006496
Cooper, J. E.
71-001486
71-008530
71-008531
71-012499
Cooper, J. L.
71-012935
Cooper, R. A.
71-005744
Cooper, S. D.
71-001306
Cooper, W. L.
71-010633
71-010635
Cope, D. F.
71-012072
Cope, O. B.
71-011826
71-011827
71-011903
71-013436
Copeland, D. E.
71-001441
71-004412
Copeman, D. G.
71-004577
71-004578
Copes, F. A.
71-005543
Copes, F. C.
71-005544
71-005545
Coppage, D. L.
71-010713
71-010826
Coprean, D.
71-004413
Corazza, L.
71-008918
Corbel, M. J.
71-008919
Corbett, E. S.
71-010279
71-011996
Corbett, S.
71-010634
Corcoran, M. F.
71-012500
Cordero-del-Campillo, M.
71-009590
Cordes, C. L.
71-007881
71-007883
Cordes, L. E.
71-006839
Corlett, J. T.
71-010918
Cornaby, B. W.
71-012721
Cornacchia, J. W.
71-002599
Cornett, R. J.
71-001142
Cornford, E. M.
71-009574
Cornillon, B.
71-002472
71-002473
Corning, R. V.
71-012058
Cortellezzi, G. C.
71-009225
Corwin, J. T.
71-001487
71-004928
Corwin, R.
71-011904
Corzillius, B.
71-004776
Cosham, C. E.
71-011370
Coss, R. G.
71-001488
Cossa, D.
71-001143
Cossins, A. R.
71-003053
71-004217
71-004947
Costa, P. A.
71-011071
Coste, F.
71-009881
71-009902
Costella, A. C.
71-001307
Costeloe, N.
71-004946
Cotant, C. A.
71-011222
Cote, G.
71-005926
71-013258
Cothron, P. D.
71-002474
Cottrell, B. J.
71-008954
71-009262
Cottrell, K. D.
71-011773
Couburn, C. B., Jr.
71-002343
Couch, J. A.
71-010715
71-010716
71-010827
71-011146
71-011147
Coughlin, J. P.
71-005443
Coull, B. C.
71-001308
Coulon, C.
71-001050
Coulston, P.
71-007423
Coulter, G. W.
71-005546
71-005937
Courtemanch, D.
71-010094
Courtenay, W. R.
71-012396
Courtenay, W. R., Jr.
71-007799
71-007800
71-007801
71-007802
71-007803
71-012395
Courtney, W. A. M.
71-001614
71-001615
Courtois, L. A.
71-002475
71-002476
71-006236
71-011426
Cousens, B.
71-009724
Cousineau, G.
71-009415
Cousins, R. J.
71-011203
Coutant, C. C.
71-000521
71-004948
71-004949
71-004950
71-005432
71-007430
71-010451
71-012733
Coutermarsh, B. A.
71-009192
71-009207
Cove, R.
71-010622
Covert, J. B.
71-008920
71-009178
71-009179
Covich, A. P.
71-006840
Cowey, C. B.
71-000711
71-000712
71-000713
71-000833
71-004334
71-004335
71-009927
Cowles, C. J.
71-012243
Cowper, T. R.
71-007465
Cox, C. M.
71-001150
Cox, D. K.
71-012733
Cox, G. V.
71-010095
Cox, J.
71-010096
Cox, J. K.
71-010778
Cox, J. W.
71-001275
Coy, D. H.
71-003708
71-005260
Coyne, J. A.
71-004951
Crabtree, A. F.
71-011905
Craddock, D. R.
71-006841
71-010097
Craig, G. R.
71-011298
71-011299
Craig, J. F.
71-002477
71-002478
71-004952
71-005938
71-005939
71-009536
Craig, P. C.
71-005547
71-006600
71-010717
Craig, R. E.
71-001489
Craik, G. J. S.
71-004953
Craik, J. C. A.
71-002479
71-002480
71-002481
71-002482
71-002483
71-002484
71-002485
Cram, D. L.
71-013173
Cram, P.
71-009864
Crandall, P. S.
71-010098
71-012501
Crane, A. M.
71-011147
Crane, J. J.
71-001050
Crane, J. S.
71-009325
Crane, M. E.
71-007804
Crapon de Caprona, M.-D.
71-004954
Crawford, B. A.
71-002486
71-004571
Crawford, C.
71-002862
Crawford, D. L.
71-000941
Crawford, J. E.
71-011643
71-011803
Crawford, K. W.
71-013332
Crawford, R. E.
71-010718
Crawford, R. J. M.
71-006842
Crawford, S. D.
71-006969
Crawshaw, L. I.
71-003877
71-004955
71-004956
71-004957
Crear, D.
71-010420
71-011365
Crecelius, E. A.
71-010719
Creekmore, R. C.
71-007443
Cremer, M. C.
71-000352
71-000353
Cressey, R.
71-009591
Cressey, R. F.
71-009592
Cretney, W. J.
71-010099

Crim, J. W.
71-002487
71-002488
71-003780
Crim, L. W.
71-000170
71-002489
71-002490
71-002491
71-002492
71-003087
71-003779
71-003780
71-004303
Cripe, C. R.
71-000992
71-010100
71-010720
Crippen, R. W.
71-001340
Crisp, D. T.
71-005940
71-005941
71-006843
71-007424
Crist, R. W.
71-001104
Cristy, M. T.
71-002493
Criswell, D.
71-002494
Crites, J. L.
71-008903
71-008909
71-009263
71-009491
71-009589
71-009938
Crivelli, A.
71-007425
Croft, W. A.
71-011423
Croll, N. A.
71-008946
Cronberg, G.
71-006758
Crone, R. A.
71-000195
71-005548
Cronin, L. E.
71-011473
Crosby, M. D.
71-008921
71-009593
Cross, D. G.
71-012502
71-012503
Cross, F. B.
71-002099
71-005233
71-007805
71-007833
Cross, G. H.
71-011644
71-011745
Cross, J. A.
71-005116
Cross, J. N.
71-004958
71-007806
Cross, R. H. M.
71-002017
Cross, T. F.
71-004579
71-004580
71-004581
Crossland, J.
71-004068
71-006237
71-006238
71-006601
71-008795
71-012504
Crossman, E. J.
71-001489
71-004582
71-007807
71-007808
71-007809
71-008476
71-012346
71-012731
Crossman, J. S.
71-001276
Crossman, R. A., Jr.
71-001604
71-002914
Crow, G.
71-013340
Crow, R. T.
71-002495
Crowden, A. E.
71-009594
Crowder, L. A.
71-011609
Crowder, L. B.
71-006844
Crowe, D. M.
71-012138
Crowe, W. R.
71-006100
Crowther, R. A.
71-010101
Croy, T. R.
71-008894
71-009074
Crumpton, J. E.
71-007426

...CONTINUED...
Crumpton, J. E.
71-008420
Crunkilton, R.
71-000993
Crutcher, P. L.
71-011599
Crutchfield, J. A.
71-011645
71-012244
Crutzen, T.
71-010747
Cruz, C. A. G.
71-007810
Cruz, E. M.
71-000354
71-000714
Crysdale, R. A.
71-011981
Csanyi, V.
71-000455
71-004620
71-004728
Csengeri, I.
71-002668
71-002669
71-002670
Cubby, P. R.
71-005940
Cubie, P. M.
71-010534
Cudey, G.
71-002964
Cuellar-Chavez, R.
71-010102
Cuff, W. R.
71-000355
71-006845
Cugurra, F.
71-010077
71-010103
Cullen, J. M.
71-005270
Cumaranatunga, P. R. T.
71-006850
Cumbie, P. M.
71-010104
71-010105
71-010535
Cumming, K. B.
71-011577
71-011602
71-012495
Cummins, K. W.
71-001099
71-001185
Cunningham, B. T.
71-013437
Cunningham, C. C.
71-001144
71-001159
Cunningham, T. D.
71-011561
Cupka, D.
71-013323
Cupka, D. M.
71-007695
71-011951
71-012161
71-013174
71-013243
Curby, W. A.
71-010721
Curd, M. R.
71-001590
Current, W. L.
71-009251
71-009264
71-009265
71-009266
71-009267
71-009268
71-009269
71-009316
Currie, B. R.
71-004237
Currie, C. E.
71-005372
Currier, J. B.
71-010106
Curry, B.
71-004683
Curry, K. D.
71-000356
71-002496
71-006239
71-007811
Curtis, E. H.
71-010722
Curtis, L. R.
71-010723
Curtis, M.
71-005549
Curtis, M. A.
71-007178
71-008922
71-009595
71-009884
Cushing, C. E.
71-001099
Cushwa, C. T.
71-011701
71-011796
71-012207
Custer, O.
71-006579
Custer, P. E.
71-000010

Cutkomp, L. K.
71-011548
Cutler, E. B.
71-001198
Cutright, N. J.
71-011646
Cutshall, N. H.
71-010107
Cutting, R. E.
71-012930
Cuyvers, L.
71-000578
Cvancara, B. A.
71-002498
Cvancara, V. A.
71-002497
71-002498
71-004122
Czeczuga, B.
71-002499
71-002500
71-002501
Czihak, G.
71-002502
D'Aoust, B. G.
71-004430
d'Apollonia, S.
71-002503
D'Croz, L.
71-007812
D'yachenko, G. M.
71-003503
Dabrowska, H.
71-000715
71-000716
71-000720
Dabrowska, R.
71-002504
Dabrowski, K.
71-000716
71-000717
71-000718
71-000719
71-000720
71-002505
71-002506
Daculsi, G.
71-001713
Dad, N. K.
71-011270
Dadswell, M. J.
71-001999
71-005550
71-008896
Dadzie, S.
71-005942
Dahlberg, M. D.
71-001490
71-008322
Dahlberg, M. L.
71-000171
71-011647
71-012732
Dahle, T. F. III
71-006846
Dahlgren, B. T.
71-000721
71-000722
71-006240
71-008323
Dahlgren, R. B.
71-011879
71-012208
Dahrens, O. F.
71-000218
Dahrma Raja, S. K.
71-013175
Daiber, F. C.
71-005835
Daikoku, T.
71-002507
71-002508
71-002509
Dailey, M. D.
71-009489
71-009573
71-009596
71-009682
Dalal, S. G.
71-006198
Dale, G.
71-008532
Dale, J.
71-010156
71-010230
Dale, J. E.
71-001668
Dale, T.
71-010505
Dalela, R. C.
71-010584
71-010585
71-011492
71-011493
71-011494
71-011495
71-011496
71-011497
Dalen, J.
71-007813
71-007814
Dalezman, J.
71-002240
71-002605
Dalimunthe, D.
71-003220
71-003462
Dalmaz, Y.
71-002510

Daly, R. I.
71-005369
Dames and Moore, Consulting Engineers
71-013440
Dammann, A. E.
71-009946
71-012590
Dando, P. R.
71-012314
Dane, B. G.
71-012678
71-012679
Danes, G. J.
71-006518
Dangel, J. R.
71-005943
Daniels, B.
71-001199
Daniels, B. A.
71-009760
Daniels, D. W.
71-008546
Daniels, R. A.
71-005551
71-006241
71-006242
Daniels, S. B.
71-009270
Danil'chenko, O. P.
71-010724
71-010725
Danila, D. J.
71-008068
Danilevskiy, N. N.
71-007239
Danilov, A. N.
71-005024
71-005424
Danilov, N. N.
71-006243
Dannevig, B. H.
71-002511
Danyulite, G. P.
71-004959
Danzmann, R. G.
71-004583
Darby, C.
71-004978
Darkov, A. A.
71-004960
71-004961
71-012723
Darley, S.
71-009450
71-009456
Darling, J. D. S.
71-004584
Darr, C.
71-003693
Darracott, A.
71-005944
Darrow, D. C.
71-010542
71-010726
71-010727
Dartnall, H. J. G.
71-008923
71-009597
Das, K. K.
71-010728
Das, N. K.
71-001493
71-007644
Das, P.
71-000070
71-000370
Dastidar, S. G.
71-010728
Datingaling, B. Y.
71-000357
Datsun, R. C.
71-004962
Datta Munshi, J. S.
71-001597
71-001628
71-001902
71-002512
71-003556
71-006244
Datta, A. K.
71-003924
71-010399
Datta, P.
71-005945
Dauba, F.
71-008245
Dauble, D. D.
71-001491
71-005552
71-005617
71-007427
71-007886
71-007887
71-009501
71-012505
Daugherty, C. H.
71-006847
Daugherty, L. B.
71-006847
Daulas, Ch.
71-008107
Dave, G.
71-002513
71-002514
71-002515
71-003162
71-003416
Davenport, J.
71-002516

.. CONTINUED ..
Davenport, J.
71-002517
71-004411
71-010729
David, A.
71-005553
71-005554
71-006848
Davidson, L. W.
71-011333
Davies, A. J.
71-009271
71-009272
71-009598
71-009599
Davies, B. R.
71-013060
Davies, D. H.
71-012390
Davies, I. E.
71-013357
Davies, L. P.
71-002518
71-002519
Davies, P. H.
71-010730
71-010960
Davies, P. M. C.
71-002520
Davies, P. S.
71-002384
71-003156
Davies, R. W.
71-005851
71-006602
Davies, W. D.
71-006549
71-007433
71-007617
71-007647
71-007676
71-008364
71-012184
71-012185
71-012620
71-012875
71-013115
Davis, A. T.
71-000723
Davis, B. J.
71-007620
Davis, C. C.
71-006736
Davis, E. M.
71-000724
71-009292
71-010080
Davis, G. E.
71-000947
71-000948
71-001074
71-005917
71-012086
71-013429
Davis, J.
71-000323
71-008509
Davis, J. A.
71-002521
71-002522
Davis, J. C.
71-010731
71-010732
Davis, J. R.
71-006245
71-007815
71-008324
71-009600
Davis, J. T.
71-000358
Davis, J. W.
71-001035
Davis, K. B.
71-002494
71-002523
71-002524
71-002843
71-003663
71-004223
71-004224
71-004439
71-010733
71-011459
71-011460
71-011461
71-013399
Davis, R.
71-012290
Davis, R. E.
71-002525
71-002526
71-003203
71-003981
Davis, R. H., Jr.
71-000172
Davis, R. W.
71-008854
71-012625
Davis, S.
71-011350
Davis, S. R.
71-004146
Davis, T. L. O.
71-002527
71-006246
71-006849
71-007428
Davis, W. L.
71-006603
Davison, W.
71-002364
71-002366
71-002528
71-003171
Davitz, M. A.
71-004963
Davydov, A. D.
71-012979
Davydova, S. I.
71-000361
71-002574
Dawe, D. L.
71-000069
Dawis, D. M.
71-010108
Dawson, A. S.
71-002529
Dawson, C. E.
71-008533
71-008534
71-008535
71-008536
71-008537
71-008538
71-008539
71-008540
71-008541
71-008542
71-008543
71-008544
71-012696
Dawson, H. J.
71-011240
Dawson, M. A.
71-010734
Dawson, V. K.
71-010735
71-011575
71-011576
71-011577
Dawson, W. F.
71-013384
Daxboeck, C.
71-002530
71-002531
71-002679
Day, D. E.
71-006604
Day, F. A.
71-006026
Day, J. W., Jr.
71-005905
Daye, P. G.
71-002532
71-010736
71-010737
71-010738
71-010739
71-010740
71-011241
Dayton, J. M.
71-002357
De Bernardi, R.
71-001309
71-010517
De Boer, B. A.
71-004964
De Bruyn, M. G. A.
71-001876
De Campos, M.
71-010381
De Ciechomski, J. D.
71-007429
De Cristini, F.
71-004585
De Figueiredo, J.
71-009075
De Groot, S. J.
71-011648
De Jesus, A. S.
71-000579
71-012506
71-012507
De Jong, I. G.
71-010741
De Jong, J. P.
71-004200
De Kinkelin, P.
71-008924
71-008943
71-009273
71-009407
71-009409
71-009410
71-009412
71-009442
De la Higuera, M.
71-000725
71-000726
71-000879
De la Noue, J.
71-000708
De March, B. G. E.
71-001200
71-010742
De Mendiola, B. R.
71-006562
De Montalembert, G.
71-002533
De Renzis, G.
71-002293
71-002534
71-003756
De Ruiter, A.
71-002061
De Ruiter, A. J. H.
71-002535
De Silva, C. D.
71-006850
De Silva, S. S.
71-003765
71-005555
71-005556
71-006247
71-006850
71-006851
71-006852
71-007988
De Souza, W.
71-001492
De Sylva, D. P.
71-004965
De Vlaming, V.
71-002537
71-002541
71-002556
71-002558
71-002560
71-003689
71-003690
71-003693
71-003833
71-004100
De Vlaming, V. L.
71-002536
71-002538
71-002539
71-002540
71-002542
71-002543
71-002544
71-002545
71-002546
71-002547
71-002548
71-002549
71-002554
71-002555
71-002559
71-003691
71-003692
71-003738
71-003834
71-003835
71-004303
71-004304
71-006248
De Wilde, J. A. M.
71-004362
De, A.
71-013438
De, D. K.
71-005945
Deacon, J. E.
71-001052
71-007118
71-007816
71-007817
Deacutis, C. F.
71-006853
Dean, H. J.
71-010708
71-010743
71-010744
Dean, J. C.
71-000458
Dean, J. M.
71-001517
71-002550
71-006589
71-013140
Dean, S. M.
71-005657
71-007939
Dean, W. J., Jr.
71-000472
71-010109
DeAngelis, D. L.
71-007430
71-012733
71-012734
71-012735
71-012814
Deanon, R. R.
71-000579
Deardorff, T. L.
71-009601
Dearing, A. S.
71-000864
Deason, T. R.
71-011197
Decell, J. L.
71-000045
Dechtiar, A. O.
71-008925
71-009353
Deelder, C. L.
71-000359
Deelstra, H.
71-010110
Dees, L. T.
71-005557
Defigueiredo, J.
71-009175
DeFoe, D. L.
71-010473
71-010745
71-011410
71-011411
71-011412
71-013358
DeFrietas, A. S. W.
71-011193
...CONTINUED...
DeFrietas, A. S. W.
71-011284
Deftos, L. J.
71-002551
Degan, D. J.
71-011588
Degnan, K. J.
71-002552
DeGraeve, G. M.
71-010111
71-010566
71-010746
71-010747
71-010748
71-011511
Dehadrai, P. V.
71-001493
71-003589
71-006854
Dejours, P.
71-002553
Dekhnik, T. V.
71-008325
Del Mundo, C. M.
71-008003
Delahunty, G.
71-002536
71-002554
71-002555
71-002556
71-002558
71-002559
71-002560
Delahunty, G. B.
71-002557
DeLaney, R. G.
71-001711
71-002561
Delanoy, R. L.
71-006822
Delarche, A.
71-010626
Delcroix, J. P.
71-003773
Delisle, C. E.
71-010112
71-010749
Dell, C. I.
71-001152
Dell, R. K.
71-001059
Delmendo, M. N.
71-000360
71-011757
71-013176
Delo, H. O.
71-010334
DeLoach, H. L.
71-004596
Delventhal, H.
71-003783
Delves-Broughton, J.
71-009602
Demael, A.
71-010750
DeMartini, E. D.
71-006402
DeMartini, E. E.
71-004966
71-005558
71-006249
Dement'yev, Ya. V.
71-003502
deMond, D. K.
71-004967
Demory, R. L.
71-005977
71-005982
Demott, J. L.
71-012995
Dempsey, C. H.
71-006855
Dempson, J. B.
71-012139
Dempster, L. J.
71-007938
Demski, L. S.
71-002562
71-002563
71-002564
71-006856
DeMuri, B.
71-003693
Dendrinos, P. K.
71-000464
Dendy, J. S.
71-006857
Denich, K.
71-011304
Deniel, C.
71-005161
DeNike, E. E.
71-010084
Denis, C.
71-007366
Denis, H.
71-002565
71-002566
71-004366
Deniskin, P. G.
71-006652
Denizot, J. P.
71-003258
Dennis, W. H.
71-011268
Denny, K. H.
71-002567
Denny, P.
71-006858

Denoncourt, R. F.
71-001494
71-001495
71-001496
71-004807
71-004808
71-005559
71-007818
71-007819
71-007820
71-007924
71-007925
71-008293
71-008545
71-008546
71-010441
Densem, J. W.
71-007438
Denton, E. J.
71-001382
71-001497
71-002266
71-002267
71-002568
71-002569
71-002852
Denton, J. E.
71-002570
71-002571
Dentry, W.
71-004586
Denuce, J. M.
71-001720
Depres, L.
71-006677
Dereumaux, B.
71-002838
Dergaleva, Zh.
71-008224
Dergaleva, Zh. T.
71-002572
71-009603
Deriso, R. B.
71-012736
Derivot, J. H.
71-001498
Derkson, A. J.
71-011990
Dermott, R. M.
71-001201
DeRoche, S. E.
71-012845
Desai, A. K.
71-001499
71-001500
71-001501
71-002573
Desai, V. R.
71-005560
Desaiah, D.
71-010751
71-011548
Desautels, D.
71-009173
Desoutter, M.
71-001469
71-008450
Desselle, W. J.
71-006859
Desser, S. S.
71-001502
71-003409
71-009274
71-009275
Dethlefsen, V.
71-010479
71-011500
Dettlaff, T. A.
71-000361
71-002574
Deutsch, S. J.
71-010334
Deutsch, W. G.
71-008926
71-009604
71-009775
Devadoss, P.
71-006395
DeVane, J. C., Jr.
71-001503
71-006860
Devaraj, M.
71-008547
71-009953
Devauchelle, N.
71-002817
Devi, A. P.
71-011269
Devienne, A.
71-003010
Devillers, C.
71-002304
71-004919
DeVillez, E. J.
71-007030
Devitsina, G. V.
71-001504
71-002575
71-004968
Devol, A. H.
71-012846
Devonov, M. D.
71-005474
DeVore, P. W.
71-004969
DeVries, A. L.
71-002588
71-002612

...CONTINUED...
DeVries, A. L.
71-002613
71-002920
71-003055
71-003789
71-003850
71-003864
71-003865
71-004275
Dew, C. B.
71-005561
Dewan, S.
71-006861
Dewberry, T. C.
71-005562
Dewey, M. R.
71-007821
71-012698
Dewey, R. A.
71-009946
Dewey, R. C.
71-007495
DeWit, L. A.
71-007822
DeWitt, H. H.
71-008548
Dewsnup, R. L.
71-012931
71-012932
Dexter, R. W.
71-007823
Dey, R. K.
71-000454
71-000895
Deyoe, C. W.
71-000728
71-000791
Dgebuadze, Yu. Yu.
71-005946
71-006366
Dharma Raja, S. K.
71-005947
Dhawan, R. M.
71-013284
Dheer, J. S.
71-003453
71-003454
Dhulkhed, M. H.
71-000637
Di Giacinto, L.
71-011237
Di Michele, L.
71-006543
Diachenko, G. W.
71-010113
71-010347
Diamond, J.
71-002659
Diana, J. S.
71-002576
71-006605
71-006606
71-006862
Dias, J. K.
71-007695
Dias, R. K.
71-007695
Diaz M., C.
71-007299
Dick, D. L.
71-010426
Dick, T. A.
71-009037
Dickerman, J. A.
71-006962
Dickhoff, W. W.
71-002451
71-002577
71-002578
71-002579
71-002724
71-002725
71-002726
71-004371
71-004500
Dickie, L. M.
71-006863
71-006864
71-011649
Dickins, M.
71-010844
Dickinson, A. B.
71-009605
71-009606
Dickinson, J. J.
71-001202
Dickinson, W.
71-002056
Dickman, K. G.
71-003872
Dickson, D. H.
71-001505
Dickson, K. L.
71-001219
71-001275
71-002431
71-002863
71-004011
71-006717
71-007256
71-007678
71-008134
71-010069
71-010081
71-010114
71-010168
71-010257
71-010441

...CONTINUED...
Dickson, K. L.
71-010442
71-010487
71-010670
71-010673
71-010697
71-010698
71-010840
71-011065
71-011635
Dieffenbach, W.
71-001060
Diehl, S. A.
71-004344
71-004345
Diener, D. R.
71-002580
71-002581
Dierickx, K.
71-002833
Dietrich, C. S., Jr.
71-006250
Dietz, C.
71-005908
Dietz, T. H.
71-004093
Diggins, M. R.
71-006865
Dill, L. M.
71-004970
71-004971
Dill, P. A.
71-004972
71-013362
Dillard, J. G.
71-011658
71-012163
71-012164
71-012397
71-013035
Dillon, C.
71-000968
Dillon, P. J.
71-001145
71-001150
71-001180
71-010115
DiMichele, L.
71-002582
71-006540
71-006541
71-006542
71-010752
DiMichele, L. V.
71-004973
Dingerkus, G.
71-004587
71-008624
Dingle, A. D.
71-001784
71-001785
Dingley, E. K.
71-000652
Dingman, J. D.
71-004588
DiPasquale, B. M.
71-005655
Dipper, F. A.
71-002583
71-005477
71-007431
Dirin, D. K.
71-003233
Disler, N. N.
71-002584
Ditton, R. B.
71-011906
71-012140
71-012141
71-012219
Dively, J. L.
71-010753
71-011169
Divino, P.
71-007285
Diwan, A. D.
71-010754
Dix, T. G.
71-010382
Dixon, D. G.
71-011300
Dixon, G. H.
71-003082
Dixon, O. W.
71-009043
71-009044
71-009045
Dixon, R. L.
71-005620
71-007940
71-012170
71-012171
Dixon, R. N.
71-010755
Dizon, A. E.
71-002319
71-002585
71-002586
71-002587
71-005395
Djabali, M.
71-003807
Dmitrenko, E. M.
71-007432
Dobbins, D. A.
71-012648
Dobbs, G. H. III
71-002588

Dobias, M. L.
71-001310
Doble, B. D.
71-006866
71-006885
Dobra, K. W.
71-003299
Dobrinskaya, L. A.
71-001506
71-004589
71-009607
Dobrovolov, I.
71-004590
Dobson, S.
71-002589
71-002590
71-002591
Dochinger, L. S.
71-010416
Dodd, J. M.
71-001507
71-002589
71-002590
71-002591
71-002592
71-003152
71-004147
71-004148
71-004149
71-004150
71-004178
71-006531
Dodd, M. H. I.
71-001507
71-002592
Dodge, W. E.
71-011907
Dodrill, J. W.
71-006867
71-007824
Dodson, J.
71-008083
Dodson, J. J.
71-004975
71-004996
71-010756
Dodswell, M. J.
71-007825
Doerksen, H. R.
71-013481
71-013482
Dogan, M.
71-010029
Doherty, Y. G.
71-011094
Doig, H.
71-011784
Doiphode, P. V.
71-006868
Dojiri, M.
71-009608
71-009609
71-009610
71-009695
Dokholyan, V. K.
71-010757
Dokukin, M. M.
71-000994
Dolan, J. A.
71-006251
Dolinin, V. A.
71-002593
71-002594
71-002595
Dollimore, J. M.
71-008279
Domanevskiy, L. N.
71-007826
Domanik, A. M.
71-010758
Dombeck, M. P.
71-005563
Domermuth, R. B.
71-006869
Dominico, R. D.
71-000727
Dommasnes, A.
71-005948
71-005949
71-005950
71-005951
Donahoo, M. J.
71-000214
71-004210
71-012315
Donald, D. B.
71-005952
71-006870
Donaldson, E. M.
71-000197
71-000203
71-000223
71-000224
71-000400
71-000593
71-001000
71-002596
71-002978
71-002979
71-003505
71-003631
Donaldson, J. R.
71-011783
Donaldson, L. R.
71-000173
71-010889
Donato, A.
71-001508

...CONTINUED...
Donato, A.
71-001509
71-002597
Doneen, B.
71-003724
Doner, C. G.
71-006962
Dong, J. N.
71-002972
Donley, C. S.
71-003535
Donnes, C.
71-009430
Donovan, O.
71-010116
71-010328
Dooley, H. D.
71-006607
71-007682
Dooley, J. K.
71-007827
71-008549
71-008550
71-010696
Dor, M.
71-008551
71-008558
Dor, U.
71-000674
Dore, F.
71-004976
Dorfman, D.
71-002598
71-012933
Doria, L. L.
71-002149
Dorn, P.
71-004978
Dorn, P. B.
71-004977
Dornheim, H.
71-005953
Doroshev, D. I.
71-000580
Doroshev, S. I.
71-002599
Dorozhkina, T. Ya.
71-005946
Dorresteijn, A.
71-002313
Dorsa, W. J.
71-001510
Dorson, M.
71-008927
71-009411
71-009412
71-009413
Dosanjh, B. S.
71-000178
Dossman M., D.
71-009952
Dossou, C.
71-009622
Dostal, D. E.
71-010629
Dotson, R. C.
71-004001
Doubleday, W. G.
71-012795
Doucet, G. J.
71-013483
Doudoroff, P.
71-010759
Douglas, N. H.
71-007907
71-008216
Douglas, S. C.
71-001687
71-008801
71-008802
Dourado, O. F.
71-007433
Dove, G. R.
71-000728
Doving, K. B.
71-001511
71-002218
71-002600
71-004974
71-005373
Dow, M.
71-004979
Dow, R. L.
71-008326
Dowds, R. E.
71-001203
Dowe, G. H. C.
71-002518
71-002519
Dowling, J. E.
71-001512
71-002957
71-004440
Downey, G.
71-006016
Downhower, J. F.
71-004980
71-006252
71-012508
Downing, S. W.
71-004102
Downs, R. A.
71-002601
Downton, P.
71-007418
Dowsett, J. A.
71-009611
Doyle, D.
71-010116

...CONTINUED...
Doyle, D.
71-010328
Doyle, M.
71-010760
Doyle, M. J.
71-001513
Doyle, R. T.
71-010117
Doyle, W. L.
71-002602
Doyon, G. E.
71-012317
Dragomirov, N. I.
71-002603
Drance, M. G.
71-002604
Draper, L.
71-002605
Drda, T. F.
71-000998
71-012406
Dredge, M C. L.
71-011168
Drenner, R. W.
71-006871
71-006872
71-006873
Dreyer, L. D.
71-013500
Driedzic, W.
71-002606
71-002610
Driedzic, W. R.
71-002607
71-002608
71-002609
71-002692
71-002693
Drinkwater, K.
71-008428
Drinkwater, K. F.
71-001121
Driver, B. L.
71-012142
Dronen, N. O., Jr.
71-009612
71-009613
Dropp, J.
71-001839
Druck Gonzalez, J.
71-006039
Drummond, R. A.
71-010761
Druzhinin, A. D.
71-005470
71-005564
71-005565
71-005566
71-005567
71-005568
71-005569
71-005570
71-008552
Dryfoos, R. L.
71-006689
Du Buit, M. H.
71-006253
71-007434
Dubale, M. S.
71-001514
71-010762
Dubey, P. S.
71-011467
Dubey, V.
71-001758
Dubinina, M. N.
71-009614
Dubitskiy, A. M.
71-006874
71-008447
Dubois-Dauphin, M.
71-001511
Dubois, A. B.
71-004981
71-004982
Dubois, M. P.
71-002611
71-002720
71-002721
71-002722
71-002723
Dubourget, Ph.
71-003406
Dubrovin, V. N.
71-001781
Dubyak, G.
71-003267
Ducat, D. A.
71-010763
Ducharme, R.
71-004976
Ducruet, V.
71-003395
Dudley, R. G.
71-006608
71-011908
71-011909
71-012934
71-013061
Dudnik, Yu. I.
71-001515
71-007828
Duever, M. J.
71-006593
71-013018
Dufek, D.
71-012110

...CONTINUED...
Dufek, D.
71-012111
Dufek, D. J.
71-001204
71-006154
71-012629
Duff, D. A.
71-008619
71-012935
71-013003
Duff, D. W.
71-002470
Dufford, D. W.
71-006720
Duffy, J. M.
71-007829
Dufour, S.
71-002358
Dugas, R.
71-011910
Duggan, R. T.
71-004147
Duggins, C. F., Jr.
71-008553
Duka, L. A.
71-005612
71-006875
71-006876
71-006877
Dukravets, G. M.
71-007830
Duman, J. G.
71-002612
71-002613
71-002614
Dumas, J.
71-005954
71-012936
Dumont, B.
71-006878
Dumont, J. N.
71-001443
71-011350
Dunant, Y.
71-002615
Duncan, B. L.
71-009276
Duncan, I. B.
71-009414
Duncan, J. A. R.
71-005613
Duncan, M. A.
71-009160
Duncan, T. O.
71-006609
71-007435
71-012509
71-012510
Dunel-Erb, S.
71-001516
Dunel, S.
71-001712
Dunford, D.
71-012970
Dunham, R. A.
71-004591
Dunkelberger, D. G.
71-001517
Dunn, A.
71-010032
Dunn, B. P.
71-010118
71-010764
Dunn, I. G.
71-006879
Dunn, J.
71-001449
71-006771
Dunn, R. S.
71-006557
Dunne, J.
71-008270
Dunning, D. J.
71-012143
71-012144
Dunseth, D. R.
71-000362
71-013019
71-013332
Dunson, W. A.
71-010461
71-011287
71-011445
Dupe, M.
71-001498
Dupont, J.
71-002252
Dupont, W. D.
71-012737
Dupras, E. F., Jr.
71-011333
Dupree, H. K.
71-004540
Durand, J. P.
71-004983
DuRant, D. F.
71-005571
Durbin, A. G.
71-005572
71-006254
71-006880
71-006881
Durbin, E. G.
71-006880
71-006881
Durbin, W. W., Jr.
71-013234
Durham, L.
71-012530

Durkee, P.
71-005573
Durkin, J. T.
71-011911
Durocher, P. P.
71-007495
71-007582
71-011606
Duru, C.
71-009615
Durve, V. S.
71-002616
71-010515
Dushkina, L. A.
71-000581
71-000995
Dusoge, K.
71-012908
Duszynski, D. W.
71-009277
Dutil, J.-D.
71-007436
Dutta, H. M.
71-001518
71-006882
Dutta, S. N.
71-012511
Duttweiler, M. W.
71-011650
Duursma, E. K.
71-010765
71-012294
Duve, H.
71-002423
71-004214
Duyvejonck, J.
71-011912
Dwinell, S. E.
71-007866
Dwivedi, P.
71-011363
Dwivedi, S. N.
71-000363
Dwyer, W. P.
71-000897
71-011578
71-011600
71-011601
Dyagilev, S. Ye.
71-006255
Dyatlov, M. A.
71-004592
Dybdahl, R.
71-006096
Dye, H. M.
71-000177
71-000197
71-000203
71-000811
71-001000
71-002596
71-002978
71-002979
Dyer, T. G. J.
71-012738
Dyer, W. A.
71-010334
Dygas, J. A.
71-001050
Dykova, I.
71-009278
71-009279
71-009280
71-009281
Dykstra, J. J.
71-013177
Dyubin, V. P.
71-003306
Dzhabarov, M. I.
71-002617
Dzhumaliyev, M. K.
71-001519
Dziuk, L. J.
71-010689
Eagle, R. A.
71-010119
71-010120
71-010121
Eagleson, K. W.
71-011048
Eakin, R. R.
71-001520
Eales, J. G.
71-000198
71-000759
71-000824
71-000954
71-002325
71-002326
71-002618
71-002619
71-002620
71-002856
71-002975
71-002976
71-002977
71-003071
71-003072
71-003626
Easley, J. E., Jr.
71-000071
Easter, S. S., Jr.
71-001932
Eastman, J. T.
71-001521
71-001522
Easton, K.
71-004852

- Eaton, J. G.
  - 71-001001
  - 71-010474
  - 71-010766
  - 71-011124
- Eaton, R. C.
  - 71-002621
  - 71-004984
- Ebbesson, S. O. E.
  - 71-004985
- Ebel, W. J.
  - 71-009616
  - 71-012398
- Ebeling, A. W.
  - 71-006610
  - 71-007074
  - 71-008554
  - 71-008721
- Eberhardt, L. L.
  - 71-012739
- Eberhart, A. C.
  - 71-004986
- Ebersole, J. P.
  - 71-004987
  - 71-004988
- Ebert, T. A.
  - 71-012740
- Eble, A. F.
  - 71-001427
- Eby, P. A.
  - 71-011921
- Eccles, D. H.
  - 71-012399
- Echelle, A. A.
  - 71-004593
  - 71-004858
  - 71-006259
  - 71-006383
  - 71-007831
  - 71-007832
  - 71-007833
  - 71-008555
  - 71-008695
- Echelle, A. F.
  - 71-004593
  - 71-004858
  - 71-007833
  - 71-008555
- Echeverria, T.
  - 71-010774
  - 71-010775
  - 71-010776
- Eckelbarger, K. J.
  - 71-001523
- Eckhardt, O.
  - 71-000844
- Eckmayer, W. J.
  - 71-007437
- Eckroat, L. R.
  - 71-004594
- Eckstein, B.
  - 71-002622
- Ecology Consultants, Inc.
  - 71-007834
  - 71-013439
  - 71-013440
  - 71-013467
- Edde, J. W.
  - 71-007874
- Eddy, F. B.
  - 71-002202
  - 71-002203
  - 71-002623
  - 71-002624
  - 71-002625
  - 71-002626
  - 71-002627
  - 71-002628
- Eddy, S. B.
  - 71-005574
- Edel, R. K.
  - 71-004989
- Eden, A. K.
  - 71-001194
  - 71-006811
- Eder, G.
  - 71-010127
  - 71-010154
- Eder, L.
  - 71-002615
- Eder, S.
  - 71-006883
- Edgar, R. K.
  - 71-006884
- Edgerton, L. F.
  - 71-012245
- Edgington, D. N.
  - 71-010458
- Edginton, J.
  - 71-012937
- Edgren, M.
  - 71-010767
- Edinger, J. R.
  - 71-010178
- Edmonds, J. S.
  - 71-010073
  - 71-010178
- Edmundson, E. E.
  - 71-008041
- Edmundson, E. H., Jr.
  - 71-010768
- Edsall, T. A.
  - 71-002629
- Edson, Q. A.
  - 71-013484
- Edson, S. A.
  - 71-008976
- Edwards, A.
  - 71-000614
- Edwards, C. J.
  - 71-009617
  - 71-011913
- Edwards, D. J.
  - 71-000011
  - 71-000174
  - 71-000175
  - 71-000176
  - 71-000680
  - 71-000729
- Edwards, J. C.
  - 71-006685
  - 71-007835
- Edwards, J. L.
  - 71-004990
- Edwards, R. J.
  - 71-001524
  - 71-004595
  - 71-004825
  - 71-006611
  - 71-007939
  - 71-011914
- Edwards, R. W.
  - 71-007438
  - 71-008928
  - 71-010415
- Edwards, S. C.
  - 71-002630
- Edwards, T. J.
  - 71-010182
- Edwards, W. R.
  - 71-011784
- Edwardson, W.
  - 71-000072
- Egami, N.
  - 71-003081
  - 71-003956
- Eganhouse, R. P.
  - 71-010122
- Egdorf, S. S.
  - 71-001052
- Eggers, D. M.
  - 71-004991
  - 71-004992
  - 71-006866
  - 71-006885
  - 71-006886
  - 71-006887
  - 71-012846
- Egglashaw, H. J.
  - 71-005955
- Eggleston, D.
  - 71-007439
  - 71-007440
  - 71-008157
- Egglestone, S. I.
  - 71-009461
  - 71-009462
- Egglishaw, H. J.
  - 71-012400
- Eggum, A.
  - 71-004621
- Egidius, E.
  - 71-009076
  - 71-009077
  - 71-009526
- Egidius, E. C.
  - 71-009078
  - 71-009079
- Egusa, S.
  - 71-009117
  - 71-009352
  - 71-009474
  - 71-009841
  - 71-009842
  - 71-009843
  - 71-009844
  - 71-009845
- Ehinger, B.
  - 71-001512
  - 71-001525
- Ehlinger, N. F.
  - 71-009080
- Ehrenberg, J. E.
  - 71-013379
  - 71-013420
  - 71-013421
- Ehrich, S.
  - 71-009549
- Ehrlich, K. F.
  - 71-004993
  - 71-004994
  - 71-012565
- Ehrman, M.
  - 71-006606
- Eichelberg, H.
  - 71-001526
- Eidman, M.
  - 71-010123
- Eido, G.
  - 71-002172
- Eidt, D. C.
  - 71-001061
- EIFAC Working Party on Water Quality Criteria for European Freshwater Fish
  - 71-010769
  - 71-010770
- Eiger, S.
  - 71-003458
- Eipper, A. W.
  - 71-008327
- Eiras, J. C.
  - 71-007441
- Eiriksdottir, G.
  - 71-006564
- Eisele, P. J.
  - 71-010771
- Eisele, T. A.
  - 71-002631
  - 71-011064
- Eisen, S.
  - 71-009618
  - 71-009619
- Eisenbach, G. M.
  - 71-004127
- Eisenberg, M.
  - 71-010124
- Eisenbrey, A. B.
  - 71-012333
  - 71-012550
- Eiserman, F.
  - 71-011915
  - 71-012246
  - 71-012938
  - 71-013112
- Eiserman, F. M.
  - 71-011916
  - 71-011917
  - 71-011918
  - 71-011919
  - 71-012918
  - 71-012919
- Eisler, R.
  - 71-003530
- Ejike, C.
  - 71-004995
- Ejsmont-Karabin, J.
  - 71-012908
- Ekechukwu, G. C. A.
  - 71-010772
- Ekengren, B.
  - 71-001527
  - 71-002000
  - 71-002632
  - 71-002633
  - 71-002634
  - 71-002751
  - 71-002752
  - 71-004201
- Ekstrom, P.
  - 71-002289
  - 71-004273
  - 71-004274
- El Gharabawy, M. M.
  - 71-001534
- El Hakeem, O. H.
  - 71-002169
  - 71-002635
- El Samra, M. I.
  - 71-012649
- El-Ibiary, H. M.
  - 71-000509
  - 71-001528
  - 71-004596
  - 71-012334
- El-Kandelgy, S. M.
  - 71-011392
- El-Sabh, M.
  - 71-001174
- El-Sabh, M. I.
  - 71-001105
- El-Serafy, S.
  - 71-006613
- El-Shamy, F. M.
  - 71-002636
  - 71-007442
- Elazhary, M. A. S. Y.
  - 71-009415
- Elbert, S. A.
  - 71-001913
- Elcombe, C. R.
  - 71-002637
  - 71-010773
  - 71-011422
- Elder, D. L.
  - 71-010139
- Elder, F. C.
  - 71-001146
- Elder, J. A.
  - 71-012512
- Elder, J. F.
  - 71-011037
- Elder, R. D.
  - 71-005575
  - 71-013178
- Eldon, G. A.
  - 71-005576
  - 71-005577
  - 71-005774
  - 71-006888
  - 71-008328
- Eldridge, M. B.
  - 71-007836
  - 71-008329
  - 71-010774
  - 71-010775
  - 71-010776
- Eldridge, P. J.
  - 71-012513
  - 71-013174
- Eleftheriou, A.
  - 71-005578
- Eley, R. L.
  - 71-008330
- Ellender, R. D.
  - 71-003375
  - 71-004634
- Eller, D. W.
  - 71-011981
- Ellertsen, B.
  - 71-001529
- Ellgaard, E. G.
  - 71-010777
  - 71-010778
- Ellinger, M. S.
  - 71-001452
- Elliott, D.
  - 71-008929
- Elliott, D. G.
  - 71-009081
  - 71-009082
  - 71-009200
  - 71-009416
- Elliott, G. V.
  - 71-006889
  - 71-008294
- Elliott, J.
  - 71-008664
- Elliott, J. M.
  - 71-000730
  - 71-000731
  - 71-002638
  - 71-002639
  - 71-002640
  - 71-006256
  - 71-006890
- Elliott, J. R.
  - 71-005203
- Elliott, W. R.
  - 71-005750
- Ellis, A. E.
  - 71-001530
  - 71-002641
  - 71-003343
  - 71-008930
  - 71-009282
- Ellis, C. M. A.
  - 71-005579
- Ellis, F. S., Jr.
  - 71-012291
- Ellis, J. E.
  - 71-000364
  - 71-000377
  - 71-001205
- Ellis, J. M.
  - 71-012939
- Ellis, R. H.
  - 71-008154
- Ellis, R. J.
  - 71-012940
- Ellis, R. W.
  - 71-009083
- Ellis, S. J.
  - 71-010687
- Ellison, D. G.
  - 71-013020
- Ellison, J. P.
  - 71-006891
- Ellory, J. C.
  - 71-003809
- Elmgren, R.
  - 71-010273
- Elmore, M. B.
  - 71-010779
- Elsarnagawy, D.
  - 71-009084
- Elsen, D. S.
  - 71-008148
- Elser, A. A.
  - 71-007837
  - 71-010125
  - 71-012941
- Elsey, C. A.
  - 71-012145
- Elshoud-Oldenhave, M. J. W.
  - 71-006892
- Elshoud, G. C. A.
  - 71-001531
- Elson, P. F.
  - 71-005819
- Elston, R.
  - 71-006893
  - 71-009406
- Elwood, J. W.
  - 71-010780
- Elzorgani, G. A.
  - 71-010126
- Emanuel, M. E.
  - 71-004996
- Emberson, C. R.
  - 71-004160
- Emel'yanova, N. G.
  - 71-001532
- Emerson, C. J.
  - 71-001401
- Emerson, L.
  - 71-000979
  - 71-002043
  - 71-004327
- Emerson, M.
  - 71-009224
- Emery, A. R.
  - 71-007838
  - 71-012847
- Emery, L.
  - 71-006257
- Emmersen, J.
  - 71-002642
- Emsheri, O.
  - 71-001923
- Enami, S.
  - 71-005974
- Encina, V. B.
  - 71-007839
  - 71-013179
- Enesco, H. E.
  - 71-003446
- Eng, D.
  - 71-008329
- Engel, S.
  - 71-006612
  - 71-006894
  - 71-012514
- Engel, W.
  - 71-004597

Engelhardt, E. R.
[illegible]
Engelhardt, W. H.
[illegible]
Enger, P. S.
[illegible]
[illegible]
Engett, M. E.
71-013441
England, R. H.
71-010334
71-011920
71-012247
Englande, A. J., Jr.
71-010565
Englar, J. R.
71-013326
Engle, C. R.
71-003036
71-013332
English, P. J.
71-012550
Engstrom-Heg, R.
71-011579
71-011580
71-011581
71-011673
Enk, M. D.
71-008331
Enomoto, Y.
71-003721
Ensinck, J.
71-004120
Ensor, D. M.
71-001644
71-003143
Entz, B.
71-008332
71-008380
Entz, R. C.
71-010347
Environment Canada
71-013442
Epler, P.
71-000279
71-002244
71-002245
71-002246
71-002247
71-002643
71-002644
71-004079
Epperly, S. P.
71-007443
Epple, A.
71-002645
71-002646
71-002647
Eppley, R. W.
71-006895
Eppright, B. R.
71-013499
Epstein, F. H.
71-002648
71-004030
71-004123
71-004124
Epting, J.
71-013237
Erasmus, T.
71-006558
71-007092
Erdelyi, L.
71-010150
Erdman, H. E.
71-010988
Eren, Y.
71-012650
Erickson, J.
71-013093
Erickson, J. E.
71-005580
71-007692
71-008931
Erickson, K.
71-000282
71-012248
Eriksson, M. O. G.
71-006896
Erman, D. C.
71-006258
71-012038
Ernst, D.
71-012146
Ernst, G.
71-009392
Ernst, V. V.
71-010781
Ernst, W.
71-010127
71-010154
Erskine, D. J.
71-002649
Ersler, A. L.
71-006684
Esaias, W. E.
71-006562
Escaffre, A.-M.
71-003937
Esch, G. W.
71-006691
71-009114
71-009115
71-009124
71-009620
71-009680
71-010151
Eschmeyer, P. H.
71-006100
71-011853
Eschmeyer, W. N.
71-008556
71-008557
71-008558
71-008738
71-008739
Eshenroder, R. L.
71-008333
Eslami, A.
71-009621
Espeland, D. M.
71-007689
Espinosa, X.
71-002182
Espinoza, J.
71-006038
Esra, G. N.
71-010510
Estes, R. D.
71-004552
71-012942
Estevez, J. I.
71-002436
Etchevers, S. L.
71-005581
71-005582
71-007444
Etessami, S.
71-002650
Ethridge, L.
71-002651
Etnier, D. A.
71-001270
71-008869
71-008871
Eto, A.
71-000877
Ettinger, W. S.
71-012598
Eurell, J. A. C.
71-010782
Eurell, T. E.
71-001468
71-002385
71-003410
71-009085
Euston, E. T.
71-010128
Euzet, L.
71-009622
71-009623
Evan, D. H.
71-003293
Evans, A. K.
71-011921
Evans, B.
71-011651
Evans, D.
71-002549
71-010115
Evans, D. H.
71-002392
71-002444
71-002652
71-002653
Evans, D. M.
71-000170
71-002489
71-002491
Evans, D. O.
71-002654
Evans, G. W.
71-004434
71-006569
Evans, J. W.
71-007840
Evans, L.
71-005583
Evans, M. S.
71-001311
Evans, N. A.
71-009624
Evans, R. A.
71-007172
Evans, R. E.
71-000954
71-002655
71-009651
Evans, R. L.
71-011893
Evans, R. M.
71-002656
Evans, R. S.
71-009858
Evans, W. A.
71-008906
Eveloff, J.
71-002657
Evelyn, T. P. T.
71-008932
71-009417
Evenhuis, B. L.
71-010411
Everest, F. H.
71-011785
71-011786
71-011922
71-012147
71-012515
Everitt, R. R.
71-012741
Eversole, A. G.
71-010895
Everson, I.
71-013180
Evinger, M. J.
71-000883
Evseenko, S. A.
71-001533
Ewing, A. W.
71-004979
Ewing, R. D.
71-002658
71-002659
71-002660
71-003166
71-004136
Eyman, L. D.
71-010780
Ezzat, A.
71-006613
Ezzat, A. A.
71-001534
Ezzi, I. A.
71-005605
71-005606
Fabacher, D. L.
71-010784
71-010785
Faber, D. J.
71-007841
71-007983
71-008559
Fable, W. A., Jr.
71-000557
71-001535
71-006614
Fabrizio, M. C.
71-007611
Facciani, S.
71-012516
Facey, D. E.
71-012317
Fadeev, N. S.
71-013181
Fadeyev, N. I.
71-012960
Fagade, S. O.
71-007445
Fagan, J. A.
71-002661
Fagerlund, U. H.
71-000230
Fagerlund, U. H. M.
71-000177
71-000178
71-000179
71-000198
71-000732
71-000996
71-002979
71-008443
Fago, D. M.
71-000365
Fahay, M. P.
71-005584
71-006230
71-007730
71-007842
71-008560
Fahmy, F. K.
71-002662
Fahy, E.
71-004598
71-006897
71-007843
71-009625
Fahy, W. E.
71-001536
Fairbairn, D. J.
71-004599
71-012796
Fairbanks, R. B.
71-007844
Fairchild, E. D.
71-010211
Fairchild, S. J.
71-012374
71-012375
Fairgrieve, W. T.
71-009196
Fajen, O.
71-005956
71-012943
Fajen, O. F.
71-012401
Fal'ge, R.
71-002663
Falcon, J.
71-001537
Faleeva, T. I.
71-006177
Falk, G.
71-004881
71-004882
Fallis, B. W.
71-010039
Fallon, D. J.
71-008086
Fallon, M. E.
71-009626
Falter, C. M.
71-001062
Famiglietti, E. V., Jr.
71-001538
Fandrei, G.
71-010786
Fange, R.
71-001539
71-001763
71-002275
71-002664
71-002665
71-002666
...CONTINUED...
Fange, R.
71-003369
71-003370
71-009283
FAO of the UN
71-000073
71-000074
71-000075
71-008933
71-010129
71-010130
71-010787
71-010788
71-011652
71-011787
71-011828
71-011829
71-011830
71-011831
71-011832
71-011833
71-012148
71-012149
71-012150
71-012151
71-012152
71-012153
71-012154
71-013182
71-013183
71-013184
71-013185
71-013186
71-013187
71-013188
71-013189
71-013190
71-013191
71-013192
71-013193
71-013194
71-013195
71-013196
71-013197
71-013198
71-013199
71-013200
71-013201
71-013202
71-013203
71-013204
71-013333
71-013334
71-013443
71-013444
Farabee, G. B.
71-012939
Farber, M. I.
71-012307
Farbu, T.
71-002667
Farkas, J.
71-009230
Farkas, T.
71-002668
71-002669
71-002670
Farley, D. G.
71-009284
Farley, S.
71-010982
Farley, T. M.
71-002308
71-003192
71-003193
71-003263
71-003264
71-004551
Farlinger, S.
71-002671
Farmer, G. J.
71-002672
71-007446
71-011039
Farmer, M.
71-002673
Farmer, S. W.
71-002449
71-002674
Farquhar, G. B.
71-001063
Farr, D. H.
71-012155
Farr, E. J.
71-002675
Farr, J. A.
71-004998
71-004999
71-006898
71-010789
Farr, J. A. III
71-004997
Farr, W. E.
71-012615
Farrah, S. R.
71-001300
Farrell, A. P.
71-002676
71-002677
71-002678
71-002679
71-003857
71-003858
71-005000
Farrell, M. P.
71-010497
71-011535
Farrell, R. K.
71-012311

Farrier, D. S.
71-010566
71-011032
Farringer, R. T. III
71-006259
Farrington, J.
71-010454
Farris, A. E.
71-008041
Farris, A. L.
71-011745
Faruqui, A. M.
71-000366
Farwell, M. K.
71-005585
Fast, A.
71-011993
Fast, A. W.
71-009627
71-011923
71-011924
71-012044
Fatora, J. R.
71-010334
71-011920
71-012247
71-012944
Fauconneau, B.
71-002680
Fava, J. A.
71-010790
Fava, J. A., Jr.
71-001540
71-010791
71-010792
71-011140
Favorite, F.
71-013257
Favro, L. D.
71-004600
71-012249
Fawell, J. K.
71-009602
Fay, L.
71-009208
Fay, R. C.
71-007845
Fay, R. R.
71-001541
71-001887
71-002681
71-002682
71-005001
Fay, S.
71-012945
Febinger, D.
71-012986
Febinger, D. L.
71-002683
71-008334
Fechner, W.
71-006377
Fediy, S. P.
71-010131
Fedler, A. J.
71-011906
Fedorenko, A. Y.
71-005586
71-012848
Fedorov, A. I.
71-002237
Fedorov, K. Ye.
71-000733
71-002684
71-002685
Fedorov, V. V.
71-008207
71-008473
71-008561
71-008562
Fedorova, G. V.
71-001542
71-005587
71-005588
71-005589
Fedorova, L. S.
71-002686
Fedoruk, K.
71-002326
Fedoseyenko, V. M.
71-011188
Fedoseyenkov, A. S.
71-005249
Fee, E. J.
71-001363
71-001364
Fee, J.
71-010118
Feeney, R. E.
71-003718
Feit, D. E.
71-013023
Fel'gengauer, P. E.
71-002442
Feldbrugge, E. J.
71-007988
Feldman, A. G.
71-005123
Feldmann, J. H.
71-011962
Feldmeth, C. R.
71-002687
71-004646
Feldt, W.
71-002688
Felix, K. L.
71-010243
Feller, M. C.
71-011925
Felley, J.
71-004601
Felley, J. D.
71-004602
71-004603
71-010015
Feltham, L. A. W.
71-003430
71-004104
Felts, S. K.
71-000734
Fender, D. C.
71-008889
71-008934
Feng, A. S.
71-002689
71-005002
Fennikoh, K. B.
71-010793
Fenwick, J. C.
71-002176
71-002177
71-003284
71-003285
71-004073
71-009317
Ferguson, A.
71-004553
71-004604
Ferguson, H. W.
71-001543
71-009086
71-009285
71-009286
71-009287
71-009628
71-009629
Ferguson, J.
71-005800
Fernald, R. D.
71-006260
Fernando, C. H.
71-008949
71-008950
71-008951
71-009666
71-009667
71-009668
Fernet, D. A.
71-005003
Fernholm, B.
71-002992
71-006261
Ferno, A.
71-005004
Ferns, P. N.
71-010424
Feroz, M.
71-010794
71-010795
Ferrari, A.
71-009648
Ferraris, C.
71-011926
Ferraro, L. A.
71-010796
Ferraro, S. P.
71-002690
Ferreira, J. T.
71-010797
Ferris, S. D.
71-004605
71-004606
71-004607
71-004608
Festa, P. J.
71-006427
Fetisov, A. N.
71-002828
Fey, J. M.
71-010132
Ffolliott, P.
71-009767
Fiance, S.
71-010133
Fiandt, J.
71-010700
Fiandt, J. T.
71-002440
71-010595
71-011410
71-013355
Fickeisen, D. H.
71-002691
71-009630
71-009631
Fidell, E. R.
71-012250
Fiedler, P. C.
71-005957
Field, M.
71-002657
71-004124
Fields, J. H. A.
71-002607
71-002692
71-002693
71-002867
Fields, R. D.
71-002694
Fierstine, H. L.
71-008563
71-011890
71-011891
Fifer, R. S.
71-011885
Figler, M. H.
71-005005
71-005143
71-005277
Figley, W.
71-006262
Figueroa, H. R.
71-003692
Fijan, N.
71-008943
71-009061
Fijan, N. N.
71-009418
Filatova, N. A.
71-005564
71-005565
Filippov, G. M.
71-006899
Filosa, M. F.
71-004438
Filosi, M.
71-001879
Filyushina, Ye. Ye.
71-001544
Fimukhina, L. G.
71-006180
Finan, D.
71-005497
71-005498
Finazzi, M.
71-009097
Findley, W. C.
71-001312
Fine, M. L.
71-001545
71-005006
71-005007
71-005008
Fineman, R.
71-002695
Finger, T. R.
71-005009
Fingerman, M.
71-011119
Fink, W. L.
71-002162
71-008564
71-008565
Finlay, J.
71-009403
Finlayson, B.
71-010134
Finlayson, B. J.
71-010798
71-010799
Finn, J. T.
71-001147
Finnie, D.
71-000486
Finucane, J. H.
71-001481
71-006263
71-007706
Firling, C. E.
71-004313
Firth, B. T.
71-001661
Fischer, E. A.
71-006264
71-006265
Fischer, M.
71-011910
Fischthal, J. H.
71-009632
71-009633
71-009634
71-009635
Fiscus, C. H.
71-006900
Fish, G. R.
71-001148
Fishelson, L.
71-001546
71-005010
71-005745
71-006266
Fisher, J. W.
71-010800
Fisher, L. E.
71-011905
Fisher, L. E., Jr.
71-008566
Fisher, M. M.
71-001872
Fisher, R.
71-005040
Fisher, S. E.
71-004609
Fisher, W. K.
71-002696
71-002697
71-002698
Fisheries and Environment Canada
71-011834
71-012742
71-013445
Fisheries and Oceans Canada
71-011927
Fisheries Research Board of Canada
71-011653
71-011788
Fishman, A. P.
71-001711
71-002561
Fishman, G. S.
71-012729
Fishman, R. B.
71-002699
Fiske, J. D.
71-007846
Fitch, J. E.
71-007847
71-007848
71-007849
Fitz, R. B.
71-013059
Fitzgerald, G. J.
71-006267
71-006268
71-007053
71-007289
71-012318
Fitzmaurice, P.
71-006901
Fitzpatrick, L. C.
71-002661
71-004286
71-004895
71-012175
Fitzpatrick, L. D.
71-005428
Fitzsimons, J. M.
71-004610
71-004689
71-008567
71-008568
Fives, J. M.
71-001547
71-007850
Fivizzani, A. J.
71-002701
71-003826
71-005011
Fivizzani, A. J., Jr.
71-002700
71-004099
Flagg, L. N.
71-002470
Flagg, R. M.
71-009087
Flain, M.
71-008049
Flanagan, C. A.
71-013205
Flanzy, J.
71-003395
Fleener, G. G.
71-012156
Fleetwood, M. A.
71-000820
Flegler, C.
71-002702
Fleming, A. M.
71-009951
Fleming, R. B.
71-010812
Fleming, W. R.
71-002900
71-004109
Flemming, R. B.
71-003942
Flerova, G. I.
71-002703
Flescher, D. D.
71-007851
Fletcher, C. R.
71-002704
71-002705
71-002706
Fletcher, D. J.
71-002707
71-002708
71-004132
71-011433
Fletcher, G. L.
71-002709
71-002710
71-002711
71-002712
71-002713
71-002714
71-002715
71-002716
71-004004
71-010801
71-010984
71-011225
Fletcher, H. F.
71-011789
Fletcher, P. E.
71-002715
71-002716
Fletcher, R. I.
71-012743
71-012744
Fletcher, T. C.
71-002717
71-003431
71-003605
71-004387
71-011074
Flick, W. A.
71-012402
71-012849
Flickinger, S. A.
71-000735
71-000943
Fliermans, C. B.
71-009115
Flint, R. A.
71-012292
Flint, R. W.
71-001206
Flood, K. W.
71-011532
Flook, V. A.
71-011399

Florence, B. M.
71-013161
Flos, R.
71-010802
71-010921
Flowerdew, M. W.
71-002718
Floyd, B.
71-006105
Fluchter, J.
71-000367
71-009088
Fluck, R. A.
71-002719
Flynn, R. B.
71-005590
Focant, B.
71-003076
Foerster, J. W.
71-013206
Foerster, W.
71-004611
Fogels, A.
71-010803
Foley, R.
71-012087
Follenius, E.
71-002720
71-002721
71-002722
71-002723
Follett, B. K.
71-004148
71-004150
Follett, W. I.
71-001622
71-007680
71-007938
71-008335
71-013335
Follis, B. J.
71-007136
Folmar, L.
71-002451
71-004839
Folmar, L. C.
71-002577
71-002578
71-002724
71-002725
71-002726
71-002727
71-010135
71-010804
71-010805
71-010806
Folsom, T. R.
71-002899
Foltz, J. W.
71-000944
71-000946
71-002728
71-004407
71-004408
71-006269
71-006902
71-006903
71-006904
Folz, D.
71-005591
Fomenko, V. P.
71-002323
Fonarev, G. A.
71-002323
Fong, S.
71-013021
Fong, W.
71-002729
Fong, W. C.
71-010807
Fontain-Bertrand, E.
71-002730
71-003465
Fontain, Y. A.
71-002730
Fontain, Y.-A.
71-003465
Fontaine, M.
71-000076
Fontaine, T. D. III
71-006905
Fontenelle, G.
71-005903
Foote, K. G.
71-013359
71-013360
71-013361
Foott, J.
71-006270
Ford, D. S.
71-002731
Fore, P. L.
71-010136
Foreman, D. G.
71-010683
71-010684
Forester, J.
71-010495
71-010827
71-010861
71-011339
71-011340
71-011610
Forester, J. S.
71-006906
71-006907
Forester, R. T.
71-010137
Forester, T. S.
71-008336
Forey, P. L.
71-007783
71-008569
71-008570
Forlin, L.
71-010783
71-010808
Forney, J. L.
71-005958
71-005959
71-008337
71-008338
71-012850
Forrest, J.
71-004124
Forrest, J. N.
71-002648
Forrester, C. R.
71-001548
71-004612
71-009937
Forshage, A.
71-011928
71-012403
Forshage, A. A.
71-012416
Forss, E. C.
71-000022
Forster, J. R. M.
71-000180
71-004391
71-004392
Forster, R. P.
71-002307
71-002732
71-002733
Forstie, M. D.
71-009636
Forsythe, T. D.
71-006908
Forte, J. L.
71-011217
Fortes, R. D.
71-000582
Fortin, R.
71-005592
71-007448
Fossat, B.
71-002734
Foster, J. E.
71-000482
71-000863
Foster, J. R.
71-006909
Foster, N. R.
71-008823
Foster, P.
71-010138
Foster, R. C.
71-002735
Foster, R. S. IV
71-001011
Fostier, A.
71-000399
71-000400
71-002736
71-003145
Foucher, R. P.
71-002737
71-002738
Fouchereau-Peron, M.
71-002739
Fouda, M. M.
71-001549
71-002740
71-007449
Foulley, M.-M.
71-002741
Foulquier, L.
71-010809
Fourie, F. le R.
71-002742
71-004277
Fourmanoir, P.
71-008571
Fournier, P.
71-007448
Fowler, L. G.
71-000736
71-000737
71-000738
71-000739
Fowler, S. W.
71-010139
Fowles, C. R.
71-012517
Fox, A. C.
71-000043
71-007279
71-012251
Fox, J. L.
71-010140
Fox, M. E.
71-010048
71-010141
71-010810
Fox, P. J.
71-006271
71-006910
Fox, R. C.
71-012108
71-012109
Fox, R. S.
71-004982
Foy, M. G.
71-007996
Foyle Fisheries Commission
71-011654
...CONTINUED...
Foyle Fisheries Commission
71-011835
71-011836
Fradette, C.
71-007546
Fraidenburg, M. E.
71-005977
71-012555
Frakes, T.
71-000594
Fram, M. J.
71-000368
Frame, D. W.
71-001550
Francillon, H.
71-001551
Francis, A. A.
71-011246
Francis, G. R.
71-012851
Francis, L. J.
71-007852
Francis, M. G.
71-007048
Francis, R. C.
71-012802
Francis, R. I. C. C.
71-004801
Francisco, C. A.
71-012017
71-012018
Frank, D. G.
71-005762
Frank, K. T.
71-006911
Frank, M. L.
71-010614
Frank, P. A.
71-011508
Frankel, J. S.
71-002743
71-002744
71-004280
71-004840
Franki, N.
71-002949
Franklin, C. S.
71-011374
71-011375
71-011376
Franklin, F. L.
71-010610
71-011194
Franklin, R. B.
71-010773
Franklin, T. M.
71-011987
Franz, R.
71-007766
71-007853
71-008002
Franzin, W. G.
71-004613
71-004614
71-010299
Fraser, D. F.
71-006776
Fraser, F. J.
71-005586
71-012848
Fraser, G. A.
71-012252
Fraser, J. C.
71-012461
Fraser, J. M.
71-006912
71-012404
71-012405
Fraser, R.
71-006274
Fraser, W. B.
71-001337
71-001338
Frasier, J. E.
71-011863
Frazier, G. C.
71-007854
Freadman, M. A.
71-002745
71-002746
71-002747
71-005012
Frechette, J.-L.
71-009415
71-009637
Frederikhsen, A. V.
71-007855
Freed, P. L.
71-000740
Freed, R. K.
71-013499
Freel, R. W.
71-003848
Freeman, B. L.
71-005593
71-013469
Freeman, H. C.
71-003942
71-003943
71-010811
71-010812
71-011306
Freeze, T. M.
71-006603
71-007450
71-007451
71-007856
71-008145
Freihofer, W. C.
71-001552
71-001553
71-002748
Fremont, L.
71-003397
French, C.
71-002607
French, C. J.
71-002692
71-002693
71-002749
71-003007
French, R. R.
71-013215
Frere, P.
71-005827
Frese, J.-H.
71-001554
Freshwater Biological Associati
71-011837
71-011838
Freville, M.
71-002838
Friars, G. W.
71-004615
Fribourgh, J. H.
71-001555
71-001556
Fricke, H.
71-002750
Fricke, H. W.
71-006272
71-006273
Fricke, S.
71-002750
Fridberg, G.
71-001527
71-002633
71-002634
71-002751
71-002752
Fried, S. M.
71-006615
71-006616
71-006655
71-006674
71-012319
Friedlander, M. J.
71-002753
71-004947
Friedmann, B.
71-007857
Friend, D. G.
71-011084
Frisella, J. L.
71-012498
Fritz, E. S.
71-007452
Fritzsche, R. A.
71-001510
71-001557
71-007858
71-008572
71-008573
71-008574
Froiland, O.
71-007859
71-007860
From, J.
71-000263
71-009089
Fromm, P. O.
71-004328
71-010938
71-011196
Fronk, D.
71-001088
Fronk, W. D.
71-007777
Frost, B. W.
71-006617
Frost, W. E.
71-006913
71-007453
71-007454
71-007522
Frot-Coutaz, J.
71-002472
71-002473
Fruge, D. J.
71-001558
Fry, D. L.
71-000369
Fry, F. E. J.
71-005236
71-008416
Fryer, G.
71-008575
Fryer, J. L.
71-004309
71-004310
71-004311
71-008935
71-008936
71-009090
71-009091
71-009092
71-009093
71-009105
71-009167
71-009171
71-009184
71-009186
71-009187
71-009188

...CONTINUED...
Fryer, J. L.
  71-009211
  71-009305
  71-009383
  71-009395
  71-009422
  71-009423
  71-009424
Fryer, J. N.
  71-002754
  71-002755
  71-002756
  71-002757
  71-002758
  71-002759
  71-002760
  71-002761
  71-002762
Fuchs, A.
  71-010640
Fuchs, J.
  71-000583
Fugelli, K.
  71-002763
Fuglister, C. B.
  71-013446
Fuiman, L. A.
  71-001559
  71-001560
  71-001561
  71-008576
  71-008577
Fujieda, R.
  71-003129
Fujihara, M. P.
  71-004131
  71-009057
  71-011432
Fujii, K.
  71-003253
Fujii, R.
  71-001562
Fujiishi, A.
  71-012518
Fujio, Y.
  71-004616
  71-004665
Fujioka, J. T.
  71-005960
Fujita, M.
  71-011010
Fujita, S.
  71-000584
  71-000769
  71-000784
  71-000786
  71-000934
  71-000935
  71-000936
  71-000937
  71-000938
Fujiya, M.
  71-000585
  71-005013
Fuke, S.
  71-003290
  71-004612
Fukuda, H.
  71-009455
Fukuhara, O.
  71-005013
  71-013409
Fukui, K.
  71-010338
Fukunaga, M.
  71-009141
Fukusho, K.
  71-000741
  71-000934
  71-000935
  71-000937
Fuld, H. M.
  71-002764
  71-002765
Fuller, D. W.
  71-009093
Fuller, J. D.
  71-006274
  71-006498
Fuller, R. L.
  71-010182
Fullerton, C.
  71-011655
Fullerton, E. C.
  71-011790
Fulmer, R. F.
  71-007861
Fulton, W.
  71-008578
  71-008679
  71-008681
Funicelli, N. A.
  71-008179
Funk, F. C.
  71-005446
Funk, J. L.
  71-011929
  71-012946
  71-012947
  71-012948
  71-012949
Furbish, W. J.
  71-010412
Furnass, T. I.
  71-001312
  71-006914
Fursa, T I.
  71-002766

...CONTINUED...
Fursa, T. I.
  71-002767
  71-006275
  71-007862
  71-007863
  71-007864
  71-008579
Furuichi, M.
  71-000742
  71-000877
  71-003930
Furukawa, K.
  71-002768
  71-002903
  71-011094
Furusawa, M.
  71-013391
Furutani, A.
  71-001170
Fusaro, C.
  71-007865
Fusco, A. C.
  71-009638
  71-009639
  71-009640
  71-009641
  71-009642
Fusetani, N.
  71-003038
Fustish, C. A.
  71-002658
  71-002659
  71-009643
  71-009805
  71-011062
  71-011063
Futawatari, M.
  71-002944
Futch, C. R.
  71-007866
  71-008580
Fyock, O. L.
  71-000181
Gabica, J.
  71-010033
  71-011582
Gabriel, W. L.
  71-006618
Gabrielides, G. P.
  71-010406
  71-010407
Gadbois, D. F.
  71-013336
Gaddis, P.
  71-005014
Gaevskaya, A. V.
  71-009746
Gaffney, F. G.
  71-013396
Gahler, A. R.
  71-001082
Gaigher, I. G.
  71-005594
Gaines, J. L.
  71-013104
Gaines, J. L., Jr.
  71-009995
Gajdusek, J.
  71-001727
  71-001856
  71-001857
  71-013086
Gajos, M.
  71-010354
Galaktionov, G. Z.
  71-005015
Galaske, R. G.
  71-004127
Galbreath, J.
  71-005595
Gale, C. A.
  71-006277
  71-006278
Gale, W. F.
  71-000997
  71-001207
  71-006276
  71-006277
  71-006278
  71-010142
  71-010143
  71-012519
Gales, L. E.
  71-012745
Galis, F.
  71-001563
  71-002770
Galkin, A. S.
  71-006279
Galkin, V. V.
  71-003863
Gall, G. A. E.
  71-000164
  71-000373
  71-004556
  71-004617
  71-004618
  71-004619
  71-004624
  71-004697
  71-004827
  71-007455
  71-008592
Gallagher, B. J.
  71-011975
Gallant, C.
  71-009173
Gallaway, B. J.
  71-005758

...CONTINUED...
Gallaway, B. J.
  71-010144
Galli-Gallardo, S. M.
  71-002771
Gallis, J.-L.
  71-002221
  71-002772
  71-002773
  71-002774
  71-011175
Galloway, J. N.
  71-010145
Gallucci, V. F.
  71-007456
  71-007521
  71-012798
Galvin, M.
  71-011930
Galzin, R.
  71-007867
Gambrell, R. P.
  71-010350
Gammon, J. R.
  71-010146
  71-011931
Ganapati, P. N.
  71-008805
Gandhi, V.
  71-001703
Gannon, B. J.
  71-004055
Gannon, J.
  71-010147
Gannon, J. E.
  71-006915
Garanina, S. N.
  71-010582
Garcia-Tello, P.
  71-010091
Garcon, M.
  71-010006
  71-011549
Gard, K. L.
  71-010430
Gardiner, B. G.
  71-007783
Gardiner, D. M.
  71-001564
  71-002775
  71-002776
  71-002777
Gardner, D. C.
  71-005535
  71-006597
Gardner, D. R.
  71-010935
  71-010936
Gardner, G. R.
  71-010813
Gardner, M. B.
  71-006916
Gardner, M. L. G.
  71-002778
Gardner, R. H.
  71-012746
Gardner, W. S.
  71-010148
  71-010149
Garg, V.
  71-010825
Garg, V. K.
  71-009662
Garin, D.
  71-004205
  71-010750
Garland, H. O.
  71-001771
Garlick, W. S.
  71-002779
Garling, D. L., Jr.
  71-000077
  71-000743
  71-000744
  71-000969
  71-007370
  71-012727
Garling, W.
  71-013167
Garlo, E. V.
  71-008068
  71-010526
Garlov, P. E.
  71-001565
  71-003822
Garner-Price, S.
  71-010402
Garnier, J.
  71-003465
  71-003936
Garofano, J. S.
  71-010814
Garrell, M. H.
  71-012852
Garrett, C. J. R.
  71-001106
Garrett, G. P.
  71-007939
Garrett, R. A.
  71-008082
Garrett, R. L.
  71-012428
Garrick, J. A. F.
  71-001566
  71-008581
Garrison, D. L.
  71-001313
Garrison, R. L.
  71-009092

...CONTINUED...
Garrison, R. L.
  71-009184
Garside, E. T.
  71-002532
  71-002892
  71-002893
  71-002894
  71-002895
  71-004190
  71-004191
  71-005016
  71-005017
  71-007452
  71-010736
  71-010737
  71-010738
  71-010739
Garten, C. T., Jr.
  71-004944
Garton, J. E.
  71-011932
  71-011933
  71-011934
Garton, R. R.
  71-010570
Garza, G.
  71-000586
  71-012426
Garza, Y.
  71-006337
Gasaway, R. D.
  71-000998
  71-005571
  71-005936
  71-005961
  71-006024
  71-007892
  71-008442
  71-012406
Gascon, D.
  71-006057
  71-008339
Gashchenko, L. A.
  71-000313
Gasith, A.
  71-000008
  71-001349
Gater, R.
  71-012853
Gatesoupe, F. J.
  71-002780
  71-002781
  71-003397
Gatto, M.
  71-007177
  71-012747
  71-012748
  71-012749
Gatz, A. J., Jr.
  71-005596
  71-006917
Gaudant, J.
  71-008582
  71-008583
Gaudant, M.
  71-001567
  71-008584
Gaudet, D.
  71-012084
Gaudet, M.
  71-002782
  71-009010
Gaudin, A. J.
  71-001803
Gaufin, A. R.
  71-001064
  71-010703
  71-010704
Gauglitz, E. J., Jr.
  71-010172
  71-010173
  71-010174
Gauld, J. A.
  71-000765
Gauldie, R. W.
  71-001568
  71-002731
  71-002783
  71-002784
  71-002785
Gauthreaux, S. A.
  71-005173
Gavlena, F. K.
  71-005597
  71-007868
Gaw, J. R.
  71-012711
Gayevskaya, A. V.
  71-009644
Gaygalas, K. S.
  71-005598
  71-005599
  71-005600
  71-005601
  71-005602
Gazaryan, K. G.
  71-002786
  71-003068
Gdovskiy, P. A.
  71-002703
Gebhart, G. E.
  71-006433
  71-006619
  71-007457
  71-011935
  71-013039
Gebler, J. B.
  71-006488

Geckler, J. R.
71-010815
Geddes J. A.
71-011295
Gedney, R. H.
71-000360
Gee, A. S.
71-005962
71-006045
71-006046
71-007458
71-008340
Gee, J. H.
71-001569
71-002787
71-002788
71-004903
71-005018
71-005177
71-005381
71-007148
Gee, J. M.
71-005603
Gee, P. A.
71-002787
Geen, G. H.
71-000691
71-001008
71-003176
71-007012
71-007388
71-007501
71-008641
71-012331
71-013378
Geer, W. H.
71-000078
71-008341
Geerlink, P. J.
71-001570
Geffen, A.
71-000079
Gehlbach, F. R.
71-002789
Geiger, D. L.
71-010746
Geistdoerfer, P.
71-001713
71-005660
71-006280
71-006918
Geiszler, P. C.
71-010816
Gelin, C.
71-006758
Gelinek, E.
71-001571
Gelman, A.
71-010817
71-010890
Gelroth, J. V.
71-011936
71-011937
Geltman, J.
71-010166
Gemelli, L.
71-002790
Gendron, R. P.
71-005019
General Fisheries Council for the Mediterranean
71-011839
Gennings, M.
71-013104
Gennings, R. M.
71-005975
Genoe, H.
71-012429
Genoway, R. G.
71-002212
71-002465
71-005039
71-011342
George, C. J.
71-005963
71-006281
George, E.
71-009288
George, E. L.
71-006919
George, J. C.
71-002184
71-003164
George, M. D.
71-010251
Georges, P.
71-003774
Georgi, T.
71-001408
Georgi, T. A.
71-001435
71-001572
71-002004
Georgia Department of Natural Resources, Game and Fish Division
71-013022
Georgieva, V.
71-005020
Gerald, V. M.
71-002791
71-002792
Gerardin-Otthiers, N.
71-002890
71-002891
Gerasimchuk, V. V.
71-001781
Geraskin, P. P.
71-003436
Geraudie, J.
71-001573
71-002793
71-002794
Gerday, Ch.
71-002795
71-003155
71-003815
Gerdeaux, D.
71-012520
Gergely, A.
71-010150
Gerhart, D. Z.
71-001350
71-010818
Gerking, S. D.
71-000080
71-002796
71-002797
71-003617
71-004020
71-006282
71-006920
71-007126
71-007276
71-010453
Germann, J. F.
71-000287
71-000444
71-005604
Germany, R. D.
71-005964
71-005965
71-008394
Gern, W. A.
71-002798
Gerritsen, J.
71-012750
Gerstung, E. R.
71-012950
Gervai, J.
71-004620
Gery, J.
71-001746
71-008585
71-008586
Gesser, H.
71-002799
71-002800
Geurts van Kessel, A. H. M.
71-001720
Geving, S. A.
71-000999
Gewirtz, D. A.
71-002801
Gharibzadeh, M.
71-010184
Gharrett, A. J.
71-002802
Ghichenok, L. A.
71-009645
Ghittino, P.
71-000081
71-000082
71-000182
71-000183
71-000452
71-000745
71-000746
71-000747
71-000748
71-008937
71-008938
71-008939
71-008940
71-008941
71-008942
71-008943
71-009094
71-009095
71-009225
71-009287
71-009289
71-009290
71-009419
71-009646
71-009647
71-009648
71-009812
71-010517
Ghorai, A. K.
71-000370
Ghosh, A.
71-000102
71-000371
71-000372
71-003924
71-010399
Ghosh, A. K.
71-009172
Ghosh, A. N.
71-000314
71-000749
71-002803
71-002804
Ghosh, B. B.
71-000406
71-003232
Ghosh, K. K.
71-000405
71-007459
71-012521
71-012804
Ghosh, S. R.
71-000475
71-000498
71-000891
71-002804
71-012651
Giannetto, S.
71-001508
71-001509
71-002597
Giattina, J. D.
71-010697
Giavenni, R.
71-009096
71-009097
Gibbons, J. W.
71-006691
71-009114
71-010151
71-010258
Gibbs, A. M.
71-012852
Gibbs, E. J.
71-011656
Gibbs, K. E.
71-001257
Gibe, B. P.
71-000508
Gibson, D. I.
71-009527
71-009528
71-009649
71-009650
Gibson, H.
71-012470
Gibson, M. D.
71-000057
Gibson, R. J.
71-005021
71-005966
71-007869
Gibson, R. M.
71-006921
Gibson, R. N.
71-005605
71-005606
71-007031
71-007032
71-007033
Giddings, G. G.
71-013207
Gidney, M. A. J.
71-011284
Giesy, J. P.
71-010819
Giesy, J. P., Jr.
71-004403
71-010820
71-011533
Giffin, R. D.
71-011511
Gift, J. J.
71-005022
Gilbert, C. R.
71-007870
71-007912
71-008002
71-008493
71-008587
71-008588
Gilbert, J. P.
71-009653
71-010821
Gilbert, J. T.
71-011014
Gilbert, K.
71-013004
Gilbert, M.
71-011108
Gilbert, P. W.
71-001574
71-001966
71-005023
71-008804
Gilbreath, L.
71-007713
Gildberg, A.
71-002805
Gilderhus, P. A.
71-010735
71-010822
71-011577
71-011583
71-012495
Giles, M. A.
71-002806
71-002807
71-002808
Giles, N.
71-006922
Giles, R. C.
71-009098
Giles, R. H., Jr.
71-011938
71-012243
Gilfallan, E. S.
71-010152
71-010296
Gilhen, J.
71-007871
Gilkey, J. C.
71-002809
Gill de Rodriguez, C. T.
71-009099
Gill, B. S.
71-009291
Gill, H. S.
71-007662
Gill, J. L.
71-000151
Gill, R. L.
71-000377
71-000751
Gill, V. E.
71-002810
Gillen, A. L.
71-006923
71-006924
Gillespie, D. C.
71-009471
71-009651
Gillespie, D. M.
71-001366
71-011876
Gillespie, J. H.
71-009463
Gillet, C.
71-002811
71-002812
Gilliam, J. F.
71-006962
Gilligan, M. R.
71-005967
71-007872
71-012522
Gilliland, M. W.
71-013499
Gillis, D. J.
71-007145
Gillooly, J. F.
71-012738
Gilmartin, W. G.
71-009100
Gilmore, R. G.
71-005607
71-006867
71-007824
71-008589
71-010516
71-012523
Gilmour, A.
71-009101
Gilpin, B. R.
71-001208
Gilson, R. F.
71-006925
Ginal, J.
71-009493
Ginetz, R. M.
71-006926
Gingerich, W. H.
71-002813
Ginon, J. S.
71-013165
Ginsburg, A. S.
71-001399
Giorgetti, G.
71-009418
Giovane, A.
71-002183
71-002814
Gipson, P. S.
71-013023
Girard, J.-P.
71-002815
71-002816
71-003123
71-003754
Giraud, M.-M.
71-001575
Girijavallabhan, K. G.
71-007873
Girin, M.
71-002817
Girsa, I. I.
71-005024
71-006927
Gislason, J. C.
71-011939
Giudice, J.
71-000083
Giussani, G.
71-006928
71-008944
71-010517
Gjedrem, T.
71-000184
71-000244
71-000729
71-004621
71-007460
71-007472
Gjernes, T.
71-012524
Gjessing, E. T.
71-010505
Glad, J. B.
71-012017
71-012018
Gladwin, D. N.
71-011701
Glasgow, J. S.
71-002408
Glass, G. E.
71-010248
71-010474
71-010577
Glassman, A. B.
71-009114
Glaude, P.
71-011872
Glazier, J. R.
71-005608
Glazova, T. N.
71-002818
Glebe, B. D.
71-006283
71-006284
71-006618

Glen, D.
71-000185
Glenn, A. R.
71-003899
Glenn, C. L.
71-006285
71-006929
71-007461
71-007462
71-008945
Glenn, J. S.
71-009102
Glenn, S. W.
71-011061
Glickman, A. H.
71-010823
71-010824
Gliwicz, Z. M.
71-006930
Globus, A.
71-001488
Glodek, G. G.
71-008602
Glodek, G. S.
71-005025
71-008590
71-008640
Glogowski, J.
71-000718
71-002505
Gloss, S. P.
71-006669
71-006976
71-007102
71-012433
Glova, G. J.
71-005026
71-005027
Glover, C. J. M.
71-008634
Glover, F. A.
71-001049
Glover, J. W.
71-010158
Glubokovskii, M. K.
71-004844
Glucksman, J.
71-012407
Glude, J. B.
71-000084
Gmur, D. J.
71-011490
71-011491
Gnanamuttu, J. C.
71-007873
Go, Y. B.
71-007463
71-007464
Gobalet, K. W.
71-001576
Goddard, C. I.
71-002819
71-005028
Godet, R.
71-001498
Godfrey, R. L.
71-007467
Godin, J.-G.
71-005030
71-013362
Godin, J.-G. J.
71-005029
Goeden, G. B.
71-005609
Goehle, K. H.
71-010153
Goel, K. A.
71-010825
Goeltenboth, F.
71-000012
71-000013
Goerke, H.
71-010127
71-010154
Goettl, J. P., Jr.
71-007874
71-010730
Goetz, F. W.
71-000400
71-001000
71-002820
71-002821
Goetz, F. W., Jr.
71-000186
71-002822
Goff, G. P.
71-005031
Goh, B. S.
71-012751
Goh, Y.
71-002823
71-005032
71-006931
71-006932
Goil, M. M.
71-009652
Gold, B. A.
71-013363
Gold, J. R.
71-000373
71-004530
71-004622
71-004623
71-004624
71-004625

...CONTINUED...
Gold, J. R.
71-008591
71-008592
Goldberg, S. R.
71-006286
71-006287
71-006288
71-006289
71-006290
71-006327
Golden, J. T.
71-004137
Golden, M. F.
71-011940
Goldman, C. R.
71-001206
71-001306
71-012435
Goldman, J. C.
71-010155
Goldschmid, A.
71-006933
Goldspink, C. R.
71-005968
71-005969
71-005970
71-005971
71-006291
71-006620
71-012854
Goldspink, G.
71-002322
71-002528
71-003171
71-003173
71-003760
71-003761
Goldstein, J. M.
71-003393
Goldstein, L.
71-002307
71-002733
71-002824
71-002860
71-003254
71-003255
71-003393
Goldstein, R. M.
71-010477
71-012525
Goldstein, S. R.
71-005033
Golenser, E.
71-002107
Golovan', G. A.
71-005610
71-005972
71-007875
Golovanenko, L. F.
71-002825
71-002826
Golovko, V. A.
71-002827
Golubev, S. N.
71-003319
Gomber, J.
71-006621
Gomel'skiy, B. I.
71-002828
Gomelyuk, V. Ye.
71-006292
Gomes, E. D.
71-011584
Gominger, D.
71-011335
Gominger, H. D.
71-011336
Gomon, M. F.
71-008593
71-008594
Gomprecht, R. J.
71-007357
Gona, O.
71-002829
Goncharov, B. F.
71-002830
Gondeck, A. R.
71-006822
Gonzalez, A. M.
71-003904
Gonzalez, D.
71-008726
Gonzalez, T.
71-000374
Goodbred, S.
71-013364
Goodchild, C. D.
71-012731
Gooding, R. M.
71-004886
Goodman, J.
71-011941
Goodman, L. R.
71-010580
71-010715
71-010716
71-010826
71-010827
71-010862
Goodner, C. J.
71-004120
Goodno, E. J.
71-013062
Goodwin, D.
71-005969
Goodwin, J. G.
71-009767
Goodwin, S. L.
71-004012

Goodyear, C. P.
71-005034
71-012672
71-012680
Goos, H. J. Th.
71-001876
71-002831
71-002832
71-003780
71-003790
Goossens, N.
71-002833
Gopalakrishnan, V.
71-000100
71-000102
71-000132
71-000476
71-000689
71-001032
Gophen, M.
71-006934
71-006935
Gopinathan, K.
71-000849
Gorbman, A.
71-002487
71-002488
71-002577
71-002578
71-002579
71-003112
71-003113
71-003115
71-003186
71-004120
71-004292
71-004371
71-004500
Gorbunov, K. V.
71-000085
Gorbunova, N. N.
71-001577
71-005611
71-006936
71-007070
71-007876
Gordin, H.
71-000630
71-002834
71-004512
71-004513
71-009004
Gordina, A. D.
71-005612
Gordon, A. S.
71-004369
Gordon, D.
71-008946
Gordon, D. C., Jr.
71-010156
71-010471
71-011263
Gordon, D. M.
71-009359
71-009883
71-009884
Gordon, J. D. M.
71-001446
71-005613
71-005614
71-005973
71-006937
71-007877
Gordon, J. H. II
71-006281
Gordon, M. R.
71-002835
71-003522
71-010828
71-011128
Gordon, M. S.
71-002836
71-002837
Gordon, R. W.
71-011356
Gore, J.
71-012925
Gore, J. A.
71-011942
71-011943
71-012951
Gorelova, T. A.
71-006938
71-006939
71-006940
71-006941
71-007292
Goren, M.
71-004626
71-007878
71-007879
71-007880
71-008595
71-008596
Gores, K. X.
71-000973
Gorges, M. W.
71-007837
Gorham, E.
71-010157
Gorin, J.
71-002838
71-002913
Gorislavskaya, M. M.
71-000581
Gorlick, D. L.
71-005035
Gorman, G. C.
71-004627

...CONTINUED...
Gorman, G. C.
71-004628
71-004629
Gorman, M. E.
71-000009
71-000014
Gorman, O. T.
71-012526
Gorodilov, Yu. N.
71-002839
Gorovaya, S. L.
71-000415
Gorshkov, S. A.
71-001578
71-004631
Gorshkov, S. V.
71-004630
Gorshkova, G. V.
71-004630
71-004631
Goryunova, A. I.
71-002840
Gosee, C. K.
71-006942
Gosheva, T. D.
71-001579
71-006943
Goshima, S.
71-005974
Gosline, W. A.
71-001580
71-008597
71-008598
Gosse, C. K.
71-005369
71-007258
Gosselink, J. G.
71-007881
71-007882
71-007883
Goswami, A. K.
71-002841
Goswami, S. V.
71-000524
71-004234
Gosztonyi, A. E.
71-008599
Got, R.
71-002472
71-002473
Goto, A.
71-005615
71-007884
Gots, B. L.
71-008023
Gotshall, D. W.
71-007191
Gottsberger, G.
71-002842
Gottschalk, B.
71-005036
Goudie, C. A.
71-002524
71-002843
71-011460
71-011462
Gould, E.
71-010677
71-010734
71-010829
71-011072
Gould, J. R.
71-010095
Gould, R.
71-009050
Gould, R. W.
71-009103
Gould, W. R.
71-008600
Goulding, M.
71-012952
Goulet, J. R., Jr.
71-013208
71-013209
Goven, B. A.
71-009653
Goverde, H. J. M.
71-004272
Goverdovskiy, V. I.
71-002844
Govorova, M. F.
71-004049
Gowing, H.
71-001242
71-001243
71-001245
71-006944
71-012408
Goyert, J. G.
71-010075
Grabe, S. A.
71-006945
Grabe, S. E.
71-006946
Graber, P.
71-006987
Grace, A. B.
71-007885
Grace, R. V.
71-007885
Gradall, K.
71-011090
Grady, J. M.
71-007780
Graeber, K. E.
71-000375
Graefe, A. R.
71-011906

Graevskii, E. Ya.
71-011381
Graf, R.
71-001581
Graf, W.
71-005037
71-005221
Graff, D. R.
71-011657
Graham-Smith, W.
71-001582
71-001583
Graham, A. A.
71-001209
Graham, J. B.
71-002845
71-003300
71-003894
Graham, J. M.
71-010423
Graham, K.
71-005616
71-012953
Graham, P. J.
71-012954
Grahl-Nielsen, O.
71-010159
Graig, J. F.
71-006947
Grainger, R. J. R.
71-008342
Grande. L.
71-008601
Grande, M.
71-010830
Grandperrin, R.
71-007207
Granett, J.
71-010831
Grant, B. F.
71-002860
71-010832
71-011658
Grant, C. J.
71-001584
71-001585
71-001978
71-007465
71-007663
71-013210
Grant, G. C.
71-008060
71-008713
Grant, G. D. S.
71-006635
Grant, G. L.
71-012253
Grant, J. J.
71-012157
Grant, M. C.
71-010270
Grant, W. S.
71-004632
71-004633
Grantham, B. J.
71-010816
71-011264
Gras, J.
71-002846
71-003772
71-003773
Graser, L. F.
71-006622
71-012527
Grassle, J. F.
71-010402
Gratzek, J. B.
71-000069
71-008947
71-009202
71-009653
71-010821
Grau, E. G.
71-002847
71-002848
71-002849
Grau, E. G. II
71-002850
71-002851
Grauby, G.
71-010809
Graves, F. M.
71-001049
Graves, J.
71-013365
Graves, J. B.
71-011261
Graves, W. C.
71-010833
Gray, D. L.
71-000057
Gray, G. B.
71-012699
Gray, J. A. B.
71-001420
71-002266
71-002568
71-002569
71-002852
Gray, J. L.
71-011799
Gray, L. J.
71-001210
71-010160
Gray, L. M.
71-009731
Gray, M. H.
71-011863
Gray, N. L.
71-005038
Gray, R. H.
71-001211
71-001491
71-005039
71-005617
71-006623
71-006631
71-007427
71-007886
71-007887
71-012320
71-012505
71-012684
Graynoth, E.
71-011944
Graynoth, E. J.
71-001568
Grayton, B. D.
71-000750
Graziosi, G.
71-004585
Greaney, G. S.
71-002853
Greco, G.
71-002814
Greeff, C. G.
71-010467
Greeley, M. S.
71-002854
71-006394
Green, A. W.
71-013251
Green, D. M.
71-012855
Green, D. R.
71-010099
Green, E.
71-012711
Green, J.
71-002855
Green, J. E.
71-009764
Green, J. H.
71-009104
Green, J. M.
71-003518
71-004926
71-005031
71-005040
71-005292
71-005585
71-005707
71-006624
71-010482
Green, J. R.
71-012498
Green, K. A.
71-012752
Green, L. C.
71-000376
Green, M.
71-006582
Green, M. D.
71-005041
Green, O. L.
71-000549
Green, R.
71-008074
Green, R. B.
71-001051
Green, W.
71-010880
Greenblatt, P. R.
71-005042
Greendale, R.
71-006948
Greene, J. H. III
71-005043
Greenfield, D. W.
71-008602
71-008603
71-008604
71-008605
Greenhalgh, R.
71-010312
Greenland, D. C.
71-000377
71-000531
71-000751
Greentree, W. J.
71-013366
Greenwald, L.
71-006942
Greenwalt, L. A.
71-011791
Greenwood, D. E.
71-009160
Greenwood, P. H.
71-001586
71-008606
71-008607
71-008608
71-008609
71-008762
Greer-Walker, M.
71-001587
Greer, G. J.
71-009654
Greer, G. L.
71-010161
71-010931
71-010932
71-010933
71-010934
Gregg, B. C.
71-010834
71-010835
Gregg, R. E.
71-011945
71-011946
Gregoire, A.
71-013058
Gregoire, J.
71-007189
Gregory, L. A.
71-002856
Gregory, P. A.
71-007466
Gregory, P. E.
71-004634
Gregory, R. W.
71-003800
71-010362
71-010363
Greig, L.
71-005685
Greig, R. A.
71-010162
71-010163
71-010164
71-010165
71-011072
Grelet-Puterflam, Y. G.
71-004943
Gresik, J. H.
71-012528
Gresswell, R. E.
71-012254
Gretch, F. M.
71-010166
Greve, L.
71-007860
Greve, W.
71-011403
Greven, J. A.
71-004382
71-004383
Grey, A. J.
71-009679
Griest, J. R.
71-005618
Griffen, W. L.
71-000378
Griffin, B. R.
71-009069
71-009292
Griffin, J. J.
71-000187
Griffin, J. M.
71-007467
71-010836
Griffin, W. L.
71-012226
Griffioen, W.
71-000167
Griffith, J.
71-007888
Griffith, J. S.
71-002857
71-002858
71-007105
71-007468
71-007973
71-012681
71-012906
Griffith, R. W.
71-002859
71-002860
71-003734
71-010837
Griffiths, W. E.
71-006949
71-006950
71-009655
Grift, N.
71-010992
Grigor'yev, V. N.
71-005622
Grigorash, V. A.
71-004091
71-006523
71-007630
Grimaldi, E.
71-006928
71-007749
71-008944
71-009097
Grimes, C. B.
71-005619
71-005620
71-006293
71-007469
71-007940
71-013367
Grimes, L. R.
71-009656
71-009657
Grimes, P. W.
71-003803
71-003804
Grimm, A. S.
71-002529
71-004409
Grimm, H.
71-001588
71-004635
Grimshaw, H. J.
71-005044
Grinberg, L. R.
71-003256
Grinnell, B.
71-009420
Grinstead, B. G.
71-005975
71-012293
Grischkowsky, R. S.
71-009421
Grisham, J. W.
71-001837
Grist, E.
71-004429
Griswold, B. L.
71-006951
Griswold, R. K.
71-011659
Gritsenko, O. F.
71-005621
71-006952
71-008610
71-008611
Gritz, R. L.
71-011164
Grizzle, J. M.
71-001589
71-001590
71-009175
71-009448
71-009917
71-010334
71-010838
71-011153
Grobecker, D. B.
71-001591
71-006460
71-007181
71-008612
Groberg, W. J.
71-008935
71-009091
Groberg, W. J., Jr.
71-004309
71-004311
71-009105
Grobey, J. H.
71-011947
Groderius, S. J.
71-010839
Groen, C. L.
71-012158
Gromov, I. A.
71-006294
Gronell, A. M.
71-012368
Gronlund, W. D.
71-008983
71-008984
71-011110
Gronvik, S.
71-007172
Groot, C.
71-005030
Gropp, J.
71-000684
71-000789
71-000919
Gros, G.
71-011484
Gross, G. W.
71-001689
Gross, H. P.
71-001592
71-004636
71-004637
Gross, J. M.
71-012529
Gross, M. R.
71-006295
71-006296
71-006297
Gross, R.
71-011792
Gross, S. J.
71-004618
71-007455
Grossman, D. C.
71-013499
Grossman, G. D.
71-004638
71-005045
71-005046
71-006953
71-007760
Grossnickle, N. E.
71-001212
71-001314
Groth, W.
71-001617
Grove, D. A.
71-007162
Grove, D. J.
71-000752
71-002718
71-002861
71-002862
71-003157
71-004117
71-004118
Grove, P.
71-010167
Grover, J. H.
71-000379
71-000380
Groves, D. L.
71-011644
Gruber, D.
71-002863
71-005047
71-005048
71-010168
71-010305
71-010840
Gruber, S. H.
71-001593
71-001624
71-005049
71-006954

Gruchy, C. G.
71-007871
Grudniewski, C.
71-000716
71-000720
Gruger, E. H., Jr.
71-010226
71-010841
71-011344
Grumbles, L. C.
71-003410
71-009085
Grun, G.
71-002864
Grunicke, H.
71-002502
Gruninger, T. L.
71-008948
Grygorash, V. A.
71-007248
Guardado France, V.
71-006040
Guarino, A. M.
71-003843
71-010842
Gubanov, Ye. P.
71-005622
71-006298
71-007889
71-007890
Gudat, J. C.
71-010682
Gudefin, Y.
71-002846
Guderley, H.
71-002865
71-002867
71-003003
Guderley, H. E.
71-002866
71-003006
71-004128
Guennegan, Y.
71-005050
Guerne, J.-M.
71-003019
Guernsey, D. L.
71-002868
Guerrero, L. A.
71-000381
Guerrero, R. D. III
71-000381
71-000382
71-000753
Guest, W. C.
71-000383
71-000384
71-002869
71-005051
Guevara-Pozo, D.
71-009765
71-009766
Guggino, W. B.
71-002870
Guha Roy, M. K.
71-000070
Guha, G.
71-004446
Guier, C. R.
71-007470
Guillebeau, T. M.
71-011948
Guillory, V.
71-005052
71-005623
71-005624
71-006625
71-007891
71-007892
71-007893
71-007894
71-007895
71-008343
71-008493
71-011910
71-012856
Guillory, V., Sr.
71-007896
Guin, M. P.
71-007047
Guiney, P. D.
71-010843
71-010844
71-010845
71-010846
Gulf Coast Research Institute
71-013447
Gulf South Research Institute
71-013448
71-013449
Gulf States Marine Fisheries Commission
71-011625
Gulidov, M. V.
71-002871
71-002872
71-002873
Gulland, J. A.
71-011660
71-011793
71-012753
Gullans, S. R.
71-010617
71-010847
Gulley, D. D.
71-000754
71-000755
Guma'a, S. A.
71-002874
...CONTINUED...
Guma'a, S. A.
71-006955
71-007471
Gump, B. H.
71-010169
Gun'ko, A. F.
71-000385
Gunderson, D. R.
71-005976
71-005977
71-005978
Gunn, J. M.
71-006956
71-012321
Gunn, J. T.
71-007897
Gunnes, K.
71-002875
71-007460
71-007472
71-012322
Gunst, R. F.
71-009932
Gunther, R. L.
71-002762
71-003654
Gunville, R.
71-004255
Guppy, M.
71-002876
71-002877
71-003003
71-003006
71-003064
71-004128
Gupta, A. K.
71-010584
71-010585
71-011492
71-011494
Gupta, M. V.
71-000958
Gupta, N. K.
71-009658
71-009659
71-009660
71-009661
71-009662
Gupta, P. K.
71-011309
71-011311
71-011313
71-011314
71-011315
71-011317
71-011318
71-011319
71-011322
71-011327
71-011328
Gupta, R. A.
71-011215
Gupta, R. C.
71-009663
Gupta, R. K.
71-001594
71-001595
Gupta, R. S.
71-010251
Gupta, S.
71-002878
71-002879
Gupta, S. D.
71-000318
71-007473
Gupta, S. P.
71-009663
Gureyeva-Preobrazhenskaya, Ye. V.
71-002347
Gurn, G.
71-002769
Gurtz, M. E.
71-011949
Gurzynski, A. J.
71-009405
71-010064
Gusar, A. G.
71-005053
Guschlbauer, W.
71-002920
Guseva, T. V.
71-005625
Gushima, K.
71-005054
71-007898
Gustaveson, A. W.
71-012159
Gustavson, T. C.
71-010170
Gutenmann, W. H.
71-010848
Gutherie, R. K.
71-010081
Gutherz, E. J.
71-005810
Guthrie, C. A.
71-000521
Guthrie, R. C.
71-013063
Guthrie, R. K.
71-010080
71-010849
Guyomard, R.
71-004639
Guziur, J.
71-006957
Gwahaba, J. J.
71-005626
Gwyther, D.
71-003157
Gyarulaytis, A. B.
71-005602
Haag, K. H.
71-007338
71-012107
Haagsma, J.
71-010850
Haaker, P. L.
71-001596
71-005055
71-007899
Haas, G. E.
71-011698
Haas, R.
71-005056
Haberling, H.
71-010856
Habib, G.
71-005057
71-006299
71-006958
71-006959
71-007474
71-007475
71-007947
Hacking, M. A.
71-010851
Hackney, P. A.
71-005058
71-005627
71-005782
71-012734
71-013024
Haddix, M. H.
71-008123
HadiKastowo
71-007414
71-012130
Hadley, M. E.
71-001759
Hadley, W. F.
71-005634
71-006919
71-007478
71-007900
71-008063
71-009288
71-012144
Haedrich, R. L.
71-004412
71-005628
71-005979
71-007901
71-007902
71-007903
Haegele, C. W.
71-006960
Haensly, W. E.
71-001964
Haffner, G. D.
71-011950
Haga, H.
71-010971
Haga, Y.
71-010971
Hagel, P.
71-004640
Hager, R.
71-000257
Hager, R. C.
71-008344
Hahn, D. R.
71-000188
Hahn, P. K. J.
71-005059
Haider, G.
71-002880
71-003949
71-003950
71-010852
Haight, R. E.
71-005521
Haile, C. L.
71-010171
Haimovici, M.
71-007549
Hain, J. H. W.
71-006300
Haines, E. B.
71-003274
Haines, H.
71-009428
Haines, T. A.
71-002881
Hakim, A.
71-001597
Halavik, T. A.
71-007059
Halcott, K.
71-000594
Haldorson, L.
71-006961
71-009339
Hale, A.
71-012020
71-012034
Hale, J. B.
71-011784
Hale, J. G.
71-008359
71-010853
Hale, S.
71-011952
Hales, D. C.
71-007199
71-009901
Halevy, A.
71-000386
71-000899
Haley, A. J.
71-008905
Haley, L. E.
71-004724
Hall, A.
71-013060
Hall, A. B.
71-005731
Hall, A. S.
71-010172
71-010173
71-010174
Hall, C. D.
71-011307
Hall, C. R.
71-008394
Hall, D. D.
71-008863
Hall, D. E.
71-004104
Hall, D. J.
71-005445
71-005446
71-006626
71-006962
71-007333
Hall, G. E.
71-001050
71-013056
Hall, J. E.
71-009903
Hall, J. F.
71-013056
Hall, L. W., Jr.
71-005060
71-005061
71-005062
71-010057
71-010058
71-010059
71-010669
71-011081
Hall, M.
71-003408
Hall, M. V.
71-001719
Hall, N. G.
71-012183
Hall, R. A.
71-010175
Hall, R. E.
71-012530
Hall, R. J.
71-010133
Hall, T. A.
71-013499
Hall, T. R.
71-002882
71-003692
71-003693
Hallac, R.
71-004123
Hallacher, L. E.
71-008557
Hallam, J. C.
71-002883
Hallas, T. E.
71-010854
Haller, R. D.
71-009664
Haller, W. T.
71-005936
Hallett, D. J.
71-011192
Halliday, M. M.
71-009293
Halligan, B. J.
71-001001
71-010577
71-011038
Halling, F.
71-008345
Halliwell, D. B.
71-007904
Hallock, R. J.
71-012463
Halpern, L. R.
71-002884
71-003467
71-003977
Halscott, K. R.
71-000640
71-000642
Halsey, T. G.
71-012046
71-012074
Halter, M. T.
71-010855
Halver, J. E.
71-000756
Halverson, C. J.
71-000189
Halverson, F. D.
71-000010
Hama, K.
71-001598
Hamada, K.
71-007884
Hamaguchi, A.
71-000867
71-000868
71-003926
71-009906
Hamaguchi, S.
71-002885

Hamana, S.
71-[illegible]
71-[illegible]
71-[illegible]625
Hambrick, F. S.
71-001599
71-001600
71-0[illegible]486
71-004641
71-005629
71-006963
Hamburger, B.
71-010856
Hamdy, M. K.
71-010857
71-011259
Hamelink, J. L.
71-010858
Hamer, D. P.
71-008068
Hames, R. L.
71-012955
Hamid, A.
71-002887
71-002888
Hamid, S. N.
71-000959
Hamilton, A.
71-005063
Hamilton, C. T.
71-007857
Hamilton, J.
71-002695
Hamilton, J. G.
71-005630
Hamilton, R. D.
71-001169
71-010176
Hamilton, R. W.
71-009550
Hamlett, W. C.
71-002068
71-002889
Hamley, J. M.
71-012531
Hammerman, I. S.
71-004533
Hammond, D. E.
71-000552
71-012160
71-012754
Hammond, D. L.
71-011951
71-012161
Hamoir, G.
71-002890
71-002891
Hamor, T.
71-002892
71-002893
71-002894
71-002895
Hampson, G. R.
71-010177
71-010402
Hampton, E. L.
71-011778
71-012162
Hamre, J.
71-005631
Han, J. C-Y.
71-010859
Hanafi, A.
71-010765
71-012294
Hanamoto, E.
71-006301
71-006627
71-006628
Hanan, D. A.
71-009665
Hancock, D.
71-007171
Hancock, D. A.
71-010178
Hancock, R. S.
71-006302
71-006303
Handcock, A. J.
71-000446
71-000457
71-000458
Handford, P.
71-005908
71-012532
Handsel, T. H.
71-008015
Hanek, G.
71-008949
71-008950
71-008951
71-009666
71-009667
71-009668
Hanes, S. R.
71-005064
Hanf, R. W.
71-001491
Hanham, A.
71-002896
Hanic, L. A.
71-000015
Hanke, W.
71-002160
71-002161
Hankin, D. G.
71-005980
...CONTINUED...
Hankin, D. G.
71-012323
Hannafin, J. A.
71-002732
71-002733
Hannesson, R.
71-013211
Hansen, B. L.
71-001601
Hansen, C. B.
71-009107
Hansen, C. D.
71-010879
Hansen, C. R., Jr.
71-010860
Hansen, D. J.
71-010715
71-010826
71-010827
71-010861
71-010862
71-011338
71-011339
Hansen, E. A.
71-010012
Hansen, G. N.
71-001601
Hansen, H. J. M.
71-002897
Hansen, K.
71-002898
Hansen, L. G.
71-010863
Hansen, L.-P.
71-007476
Hansen, N.
71-002899
Hansen, S. J.
71-001602
71-001603
Hanson, A.
71-009441
71-012791
Hanson, A. W.
71-009669
Hanson, C. H.
71-012682
71-012683
Hanson, D. F.
71-010075
Hanson, D. L.
71-005065
Hanson, J. A.
71-012755
Hanson, J. M.
71-005632
71-006964
71-007381
Hanson, L. H.
71-001750
71-012295
Hanson, R. C.
71-002900
71-002901
Hanson, S. A.
71-010296
Hanson, W. D.
71-012163
71-012164
71-013064
Hanstede, J. G.
71-003902
Hanumantha Rao, L.
71-000371
71-000372
71-007477
Hanyu, I.
71-002902
71-002903
71-004249
71-004250
71-006181
Hara, A.
71-002904
71-002905
71-002906
71-004171
71-004172
Hara, I.
71-005981
Hara, K.
71-003124
71-003125
Hara, T. J.
71-002655
71-002907
71-002908
71-002909
71-002910
71-005066
71-010864
71-010865
Harache, Y.
71-000587
71-002271
71-002911
71-003212
71-003371
Harada, T.
71-009846
71-010003
71-010004
Harbell, S. C.
71-009108
Harbin, R.
71-004390
Harbo, R. M.
71-010179
Hard, G. C.
71-009670
71-009671
Hardig, J.
71-002912
Hardiman, P. A.
71-010119
71-010121
Harding, G. C. H.
71-010180
Harding, G. D.
71-004161
Hardisty, M. W.
71-004505
71-009672
Hardman, W. H.
71-007488
71-007629
71-010172
Hardy, G. S.
71-008613
Hardy, R.
71-000712
71-010282
Hardy, R. W.
71-000757
Hare, G. M.
71-008952
71-012324
Hargis, J. R.
71-010866
Hargrave, B. T.
71-010181
Hargreaves, P. M.
71-007905
Harichaux, P.
71-002838
71-002913
Harkness, D. R.
71-003117
71-003118
71-003119
Harlan, G. J.
71-011924
Harley, J. P.
71-008928
71-008953
71-009584
71-009585
Harman, J. P.
71-000180
Harman, P. D.
71-011575
71-011611
71-011612
Harmann, N. A., Jr.
71-012452
Harmon, J.
71-012596
Harmon, P.
71-004812
71-006532
Harmon, P. L.
71-012165
Harms, U.
71-003329
71-010209
Harner, E. J.
71-011228
Harp, G. L.
71-007861
71-007906
71-012003
Harper, J. B.
71-011952
71-012073
Harper, W.
71-004877
Harpster, B. V.
71-000641
71-000642
Harpur, R. P.
71-009652
Harrah, C. B.
71-010800
Harrel, R. C.
71-010688
Harrell, H. L.
71-008346
Harrell, L. W.
71-009083
71-009090
71-009109
71-009110
71-009170
71-009673
Harrell, R. D.
71-005633
71-010182
Harrell, R. M.
71-006965
Harrigan, K. E.
71-009349
Harrington, H.
71-002291
Harrington, R. W., Jr.
71-001604
71-002914
Harris, C. A.
71-008014
Harris, C. W.
71-009174
Harris, E. J.
71-011556
71-013348
Harris, F.
71-013025
Harris, F. A.
71-009258
Harris, J. E.
71-003418
71-008954
Harris, J. L.
71-007907
71-008167
Harris, J. W.
71-004552
71-004642
Harris, L.
71-000690
71-000945
Harris, l. E.
71-001002
Harris, L. E.
71-000190
Harris, T.
71-006033
71-006966
Harrison, E. J.
71-005634
71-005635
71-007478
71-009288
Harrison, F. L.
71-011278
Harrison, J. G.
71-009443
71-009674
71-009927
Harrison, R. J.
71-002915
Harrold, J. F., Jr.
71-001213
Harrow, L.
71-010079
Harrsch, M. L.
71-000191
Harshbarger, T.
71-012942
Harshbarger, T. J.
71-012325
71-012409
Hart, J. L.
71-007479
Hart, M.
71-006304
Hart, N.
71-001605
71-002916
Hart, N. H.
71-002917
71-003824
71-004754
Hart, R. G.
71-003227
Hart, T.
71-006923
Hartley, F. K.
71-009928
Hartley, W. J.
71-009349
Hartman, A. M.
71-010867
Hartman, B.
71-012970
Hartman, F.
71-005636
Hartmann, D. L.
71-013450
Hartmann, F.
71-005067
Hartmann, J.
71-005637
71-006629
71-007480
71-008347
71-008380
Hartmann, L. A.
71-013450
Hartree, A. S.
71-003080
Hartt, A. C.
71-013386
Hartung, R.
71-010636
71-010771
Hartwell, K. M.
71-002449
Hartwell, S. I.
71-002918
71-005068
Harvey, H. H.
71-010183
71-010397
71-010398
Harville, J. P.
71-011661
71-011794
71-013212
Hasanen, E.
71-011195
Haschemeyer, A. E. V.
71-002919
71-002920
71-002921
71-003055
71-003485
71-003816
71-004063
Hase, J.
71-003134
71-003135
71-003136
Hasegawa, E.
71-003988
Hasegawa, I.
71-003671
Hasegawa, Y.
71-000016

- Hashem, M. T.
  - 71-001534
- Hashemy-Tonkabony, S. E.
  - 71-010184
  - 71-010185
- Hashimoto, H.
  - 71-002922
- Hashimoto, K.
  - 71-002077
  - 71-002923
  - 71-002924
  - 71-003038
  - 71-003288
  - 71-004451
  - 71-004467
  - 71-004468
  - 71-004693
  - 71-004694
  - 71-010868
  - 71-010966
- Hashimoto, M.
  - 71-008970
  - 71-009131
- Hashimoto, S.
  - 71-002925
  - 71-002980
  - 71-006967
  - 71-012410
- Hashimoto, Y.
  - 71-004165
  - 71-010965
- Haskin, L. A.
  - 71-010244
- Hasler, A. D.
  - 71-001349
  - 71-005368
  - 71-005369
  - 71-005370
  - 71-006233
  - 71-006235
  - 71-006496
  - 71-006647
  - 71-006716
- Haslouer, S. G.
  - 71-010518
- Hasnain, A. U.
  - 71-002926
- Hass, R.
  - 71-004643
- Hasse, J. J.
  - 71-005638
- Hassin, G.
  - 71-001450
- Hassine, O. K. B.
  - 71-009881
- Hassler, W. W.
  - 71-000588
  - 71-000589
  - 71-000590
  - 71-005730
- Hasson-Voloch, A.
  - 71-001492
- Hastein, T.
  - 71-009106
  - 71-009111
  - 71-009112
  - 71-009890
- Hastings, J. R.
  - 71-001107
- Hastings, P. A.
  - 71-007908
- Hastings, R. W.
  - 71-007909
  - 71-011953
- Haswell, M. S.
  - 71-002927
  - 71-002928
  - 71-002929
  - 71-002930
  - 71-003460
  - 71-003461
  - 71-003743
  - 71-003857
  - 71-003858
- Hata, M.
  - 71-002931
  - 71-002931
  - 71-003677
- Hatakeyama, S.
  - 71-011551
- Hatano, M.
  - 71-010965
- Hatch, J. T.
  - 71-007910
- Hatch, R.
  - 71-010831
- Hatch, R. W.
  - 71-005095
  - 71-005215
  - 71-012347
- Hatcher, R. M.
  - 71-011662
- Hathaway, C. B., Jr.
  - 71-011954
  - 71-012047
- Hattingh, J.
  - 71-000957
  - 71-000960
  - 71-001606
  - 71-002932
  - 71-002933
  - 71-004050
  - 71-004276
  - 71-004278
  - 71-004279
  - 71-010869
  - 71-011382
  - 71-011383
  - 71-011384
  - 71-011385
- Hattula, M. L.
  - 71-010186
  - 71-010187
  - 71-010870
  - 71-010871
- Hauck, A. K.
  - 71-009675
  - 71-009676
  - 71-009833
- Hauck, F. R.
  - 71-013484
- Hauer, F. R.
  - 71-005639
- Haug, P. T.
  - 71-011751
- Haugede-Carre, F.
  - 71-002934
- Hauser, W. J.
  - 71-002935
  - 71-002936
  - 71-002937
  - 71-003817
  - 71-012326
- Hausknecht, K. A.
  - 71-007943
- Hausle, D. A.
  - 71-006305
- Haussler, R. B.
  - 71-011663
- Havens, W. K.
  - 71-000642
- Havey, K. A.
  - 71-012166
- Hawke, J. P.
  - 71-008955
  - 71-009113
- Hawke, S. P.
  - 71-006306
- Hawkes, C. L.
  - 71-010872
  - 71-011507
- Hawkes, J. W.
  - 71-001986
  - 71-011110
- Hawkins, A.
  - 71-011307
- Hawkins, A. D.
  - 71-005069
  - 71-005070
  - 71-006307
- Hawkins, B. E.
  - 71-001311
- Hawkins, C. M.
  - 71-005178
- Hawkins, W. E.
  - 71-010873
- Hawryshyn, C. W.
  - 71-010874
- Hawthorne, V. M.
  - 71-006258
- Hay, D. E.
  - 71-004644
  - 71-006308
- Hay, K. G.
  - 71-010095
- Hay, M. J.
  - 71-012134
- Hay, T. F.
  - 71-005071
- Hayakawa, K.
  - 71-012556
- Hayashi, K.
  - 71-002938
  - 71-002939
  - 71-002940
  - 71-002941
  - 71-002942
  - 71-002943
  - 71-002944
- Hayashi, S.
  - 71-002945
  - 71-002946
  - 71-002947
- Hayashi, T.
  - 71-003290
- Hayashi, Y.
  - 71-006309
  - 71-006310
- Hayashida, T.
  - 71-002674
  - 71-002948
- Hayes, E.
  - 71-012129
- Hayman, R. A.
  - 71-005982
  - 71-008348
- Haynes, E. D.
  - 71-013208
  - 71-013209
- Haynes, J. M.
  - 71-006623
  - 71-006630
  - 71-006631
  - 71-012320
  - 71-012684
- Haynes, K.
  - 71-006464
- Haynes, M. E.
  - 71-010272
- Haynes, R. C.
  - 71-011955
- Haynes, R. J.
  - 71-010188
- Hays, E. E.
  - 71-013400
- Hays, R. M.
  - 71-002949
- Hayunga, E. G.
  - 71-009677
  - 71-009678
  - 71-009679
- Haywood, G. P.
  - 71-000192
  - 71-002950
  - 71-002951
  - 71-003122
- Hazdra, J. J.
  - 71-008912
- Hazel, C.
  - 71-011956
  - 71-011957
  - 71-011958
- Hazel, J. R.
  - 71-002952
  - 71-002953
  - 71-002954
  - 71-002955
- Hazel, R. H.
  - 71-010875
- Hazen, T. C.
  - 71-006691
  - 71-009114
  - 71-009115
  - 71-009124
  - 71-009680
  - 71-010151
- Hazevoet, M.
  - 71-002309
- Hazzard, L.
  - 71-012469
- Heading, C. E.
  - 71-010702
- Headrick, M. R.
  - 71-000288
  - 71-011959
  - 71-011960
- Heald, D. I.
  - 71-010073
- Healey, M. C.
  - 71-001214
  - 71-005640
  - 71-005641
  - 71-005983
  - 71-006311
  - 71-006968
  - 71-007236
  - 71-012857
- Healey, T. P.
  - 71-013065
- Healy, J. A.
  - 71-002956
- Heard, R.
  - 71-006975
- Heard, R. G.
  - 71-008906
- Heard, W.
  - 71-000193
- Heard, W. R.
  - 71-000194
  - 71-000195
  - 71-000591
  - 71-008349
- Hearn, M.
  - 71-000387
- Hearn, M. C.
  - 71-000758
- Heartwell, C. M. III
  - 71-008956
- Heath, A. G.
  - 71-002354
  - 71-004066
  - 71-004067
  - 71-010588
  - 71-010589
  - 71-010671
  - 71-010672
  - 71-010675
  - 71-010834
  - 71-010876
  - 71-011394
- Heberger, R. F.
  - 71-001315
- Heberlein, T. A.
  - 71-012167
- Hebrank, J. H.
  - 71-005433
- Hebrank, M. R.
  - 71-001607
- Hecht, T.
  - 71-005642
  - 71-005643
  - 71-007481
- Heck, K. L., Jr.
  - 71-008854
  - 71-009978
- Heckman, J. R.
  - 71-004645
- Heckmann, R.
  - 71-009284
- Heckmann, R. A.
  - 71-008969
  - 71-009294
  - 71-009681
  - 71-009714
  - 71-009858
- Hedden, W. L., Jr.
  - 71-002957
- Hedgepeth, M. Y.
  - 71-012327
- Hedrick, R. P.
  - 71-008935
  - 71-009422
- Hedtke, J. L.
  - 71-007348
  - 71-010877
- Hedtke, S. F.
  - 71-010878
- Heemstra, P. C.
  - 71-002958
  - 71-008451
  - 71-008614
- Heesen, T. C.
  - 71-010298
  - 71-010510
  - 71-010511
- Heffernan, P. H.
  - 71-011904
- Heidinger, R. C.
  - 71-000290
  - 71-002335
  - 71-003519
  - 71-005644
  - 71-006969
  - 71-011692
  - 71-012411
  - 71-013020
- Heil, G.
  - 71-000216
- Heiligenberg, W.
  - 71-002959
  - 71-005072
  - 71-005194
- Heiligenberg, W. F.
  - 71-005092
- Hein, S.
  - 71-003904
- Hein, S. H.
  - 71-007482
  - 71-012360
- Heinemann, H. O.
  - 71-002949
- Heins, D. C.
  - 71-005645
  - 71-005646
  - 71-006970
  - 71-007396
- Heinz, M. L.
  - 71-009682
- Heinze, D. G.
  - 71-005017
- Heisey, P. G.
  - 71-007483
  - 71-012533
  - 71-012693
- Heisinger, J. F.
  - 71-010629
  - 71-010879
  - 71-010880
  - 71-010985
- Heisler, N.
  - 71-002960
- Heit, M.
  - 71-010189
- Heitman, J. F.
  - 71-007408
  - 71-007409
  - 71-013066
  - 71-013067
- Heitz, J. R.
  - 71-010690
- Hejtmancik, E.
  - 71-010892
  - 71-011387
- Hejtmanek, M.
  - 71-011444
- Hekimian, E. C.
  - 71-011987
- Heland, M.
  - 71-005073
  - 71-005405
- Helder, T.
  - 71-010881
- Helfman, G. S.
  - 71-005074
  - 71-005075
  - 71-006632
- Helfrich, L. A.
  - 71-000077
  - 71-000135
  - 71-000143
  - 71-005457
  - 71-010882
  - 71-012652
- Helfrich, L. A., Jr.
  - 71-006971
- Helfrich, P.
  - 71-011961
- Helgason, S.
  - 71-009235
- Helle, J. H.
  - 71-005943
  - 71-005984
- Heller, R.
  - 71-006972
- Heller, R. F.
  - 71-007484
- Helm, M. M.
  - 71-001003
- Helmke, P. A.
  - 71-010244
- Helmy, M. M.
  - 71-010883
- Helton, R. F., Jr.
  - 71-000659
- Heltsche, J. F.
  - 71-011501
- Helz, G. R.
  - 71-010037
- Helzer, G. R.
  - 71-001316
- Hemmer, M. J.
  - 71-010884

Hempel, G.
71-005642
71-007911
71-008296
Hempel, R. L.
71-008242
Hemsworth, R. J.
71-005962
71-006045
71-006046
71-008340
71-010513
Hendee, J. C.
71-011664
Henderson-Arzapalo, A.
71-009683
Henderson, D. L.
71-005076
Henderson, E. B.
71-000130
71-003953
71-005985
71-012412
Henderson, G. E.
71-000640
71-000641
Henderson, H. F.
71-011757
71-011770
Henderson, N. E.
71-002961
71-004388
Henderson, S.
71-000017
71-000018
71-011665
Hendrey, G. R.
71-010190
71-010191
71-010505
Hendricks, A. C.
71-001348
71-002863
71-010168
71-010281
71-010305
71-011455
Hendricks, D. W.
71-010192
Hendricks, J. D.
71-000277
71-002962
71-010885
71-010886
71-011091
71-011343
Hendricks, M. L.
71-007912
Hendrickson, D.
71-007913
Hendrickson, D. A.
71-008073
Hendrickson, G. L.
71-009684
71-009685
71-009686
Hendrickson, J. R.
71-013205
Hendrickson, R. G.
71-008957
Hendrix, P. F.
71-001215
Hendrix, S. S.
71-009687
Hendzel, M.
71-004534
Henion, J. D.
71-010556
71-011108
Hennessy, S. L.
71-000086
Hennig, M.
71-005077
Henquell, L.
71-002964
Henricson, J.
71-005648
71-009688
71-009689
Henriet, D. G.
71-012512
Henriksen, A.
71-010193
71-010505
Henry, F. D., Jr.
71-012413
71-012858
Henry, J. A. C.
71-011114
Henry, K. A.
71-005986
Henry, M. G.
71-010887
Henry, R. E.
71-011404
Henry, R. L.
71-006973
Henry, R. L. III
71-006974
71-011876
Hensley, D. A.
71-001608
71-007799
71-008615
71-008616
71-012076
Hentschel, H.
71-002963
Henwood, T.
71-006975
Henze, M.
71-001609
Henzler, T. E.
71-010244
Hepher, B.
71-000513
71-000899
Hepworth, D.
71-006976
Hepworth, D. K.
71-001216
71-012159
71-012433
Herdendorf, C. E.
71-005307
71-008077
71-010387
71-011666
Hergenrader, G. L.
71-000007
71-007914
71-012674
Hergott, S.
71-010194
Herke, W. H.
71-001317
71-006747
71-007369
71-007524
71-012534
71-013129
71-013368
Herman, L. J.
71-002391
71-006512
71-010685
Herman, R. L.
71-008958
71-009071
71-009270
71-009694
Hermanutz, R. O.
71-010564
71-010888
Hern, S. C.
71-001369
Hernandez, J. A.
71-012486
Herold, J. P.
71-002964
Herreid, C. F.
71-004046
Herrema, D. J.
71-007802
Herrera, S.
71-011958
Herrgesell, P. L.
71-001318
Herricks, E. E.
71-010056
71-010195
71-011635
71-012766
Herring, P. J.
71-002898
71-002965
71-002966
Hershberger, W. K.
71-000196
71-002972
71-010889
71-011227
Hershman, M. J.
71-011962
Hersman, L. G.
71-001062
Hertsgaard, T. A.
71-010260
Hertz, H. S.
71-010169
Herzberg, A.
71-010817
71-010890
Hesby, J. H.
71-000518
71-000520
Hess, F. R.
71-013400
Hess, L.
71-006633
71-013026
Hess, T. B.
71-007915
71-012168
Hesse, L.
71-007485
71-012756
Hesse, L. W.
71-007486
Hessee, J. L.
71-010347
Hester, F. E.
71-006636
71-011795
Hester, F. J.
71-010196
Hesthagen, I. H.
71-002967
71-005078
71-005079
71-005649
Hetesa, J.
71-013068
Hetrick, F. M.
71-009423
71-009424
Hettler, W. F.
71-002968
...CONTINUED...
Hettler, W. F.
71-002969
71-003045
71-005080
71-012535
Heufelder, G. R.
71-009690
Heugel, B. R.
71-012328
Heuschmann-Brunner, G.
71-009116
Hevel, K. W.
71-005987
71-012600
Hew, C.-L.
71-003420
71-003718
Hewett, C. J.
71-010197
71-010891
Hewitson, J.
71-012461
Hewitt, D. P.
71-012536
Hewitt, G. C.
71-009691
71-009692
71-009693
Hewitt, R. P.
71-007916
71-013369
Hews, E. A.
71-002970
71-003244
71-003245
71-003249
Heyl, A.
71-002598
Heymer, A.
71-005081
Hibbs, R. G., Jr.
71-006963
Hibino, T.
71-010003
71-010004
71-010005
Hibiya, T.
71-002122
71-002903
71-004249
71-004250
71-006181
Hiby, A. R.
71-002471
Hickel, B.
71-010519
Hickey, C. R., Jr.
71-001610
71-002971
71-005901
71-007917
71-007918
71-007919
71-007920
Hickey, G. M.
71-008350
Hickey, P. L.
71-002972
Hickman, G. D.
71-005987
71-011963
Hickman, T. J.
71-008617
71-008618
71-008619
Hicks, D. C.
71-001611
Hicks, L. J.
71-011108
Hidaka, I.
71-002973
71-002974
Hiebert, P.
71-006586
71-012387
Hiemstra, K.
71-004201
Hietala, H. J.
71-009932
Higashi, K.
71-005103
Higashi, T.
71-003601
Higgs, D. A.
71-000178
71-000197
71-000198
71-000759
71-000811
71-002975
71-002976
71-002977
71-002978
71-002979
Hightower, G. M.
71-013370
Higuchi, M.
71-000592
71-000599
Hikida, M.
71-009117
Hikita, A.
71-003592
Hikita, T.
71-001612
71-002980
71-007984
Hilbert, D.
71-012061
Hilbig, R.
71-002981
71-003851
71-003905
71-004890
Hilborr, R.
71-012757
71-012758
71-012759
71-012819
71-012820
71-013213
Hildebrand, S. G.
71-001217
71-010198
Hildebrandt, T.
71-009208
Hildrew, A. G.
71-001283
Hilge, V.
71-000760
71-002982
71-002983
Hill, A. J.
71-007783
Hill, B.
71-009537
Hill, B. J.
71-004187
71-005082
71-005330
71-009425
71-009892
Hill, C. W.
71-008001
Hill, D. M.
71-010199
Hill, D. W.
71-010892
Hill, F. C.
71-012107
Hill, G. D., Jr.
71-013214
Hill, J. IV
71-010200
Hill, L. G.
71-001704
71-003500
71-004593
71-005083
71-005195
71-005196
71-005198
71-005737
71-006187
71-006410
71-007100
Hill, M. W.
71-003053
71-010893
Hill, T. K.
71-000388
71-001528
Hillaby, B. A.
71-010894
Hilland, R. T.
71-000199
Hillden, N.-O.
71-007487
Hilliard, R. W.
71-003830
71-009118
Hillis, D. M.
71-007921
Hillyard, S. D.
71-004139
71-004140
Hilsenhoff, W. L.
71-001218
71-010201
Hilton, J. W.
71-000761
71-000762
71-000763
71-000764
71-002984
71-002985
71-003385
71-010904
Hilton, L. R.
71-009119
Himberg, K.-J. M.
71-004604
Hinck, L. W.
71-009087
Hine, P. M.
71-008959
71-009295
71-009721
71-009739
Hinegardner, R.
71-002986
Hingorani, H. G.
71-010754
Hino, S.
71-006236
Hinshaw, G.
71-011964
Hinton, D. E.
71-001613
71-003178
71-008960
71-009694
71-010990
71-011050
Hinton, M. J.
71-010895
71-010896

Hinton, R. N.
71-008351
Hinz, R.
71-010897
Hioki, S.
71-005846
71-006533
71-006534
Hirai, H.
71-002905
71-002906
Hiraishi, M.
71-003595
Hirakawa, H.
71-005719
Hirano, S.
71-003624
Hirano, T.
71-002987
71-002988
71-003504
71-003575
71-003576
71-004152
71-004174
71-004454
Hiraoka, Y.
71-010898
Hirashima, T.
71-002014
Hirata, E.
71-010239
Hirata, H.
71-004016
Hirji, K. N.
71-001614
71-001615
Hiroi, O.
71-000200
71-000201
Hirose, K.
71-000087
71-000593
71-002989
71-002990
71-002991
71-002992
Hirota, J.
71-010095
Hirsch, L. P.
71-011684
Hirsch, N.
71-011003
71-011004
Hirsch, P. J.
71-005084
Hirschberger, W.
71-013159
Hirschhorn, G.
71-005658
Hirshfield, H. I.
71-010793
Hirshfield, M. F.
71-002993
71-004646
Hisamatsu, S.
71-003612
Hishi, G.
71-000295
Hislop, J. R. G.
71-000765
71-000775
71-007205
71-007922
71-012714
71-013154
Hitch, R. K.
71-011112
Hitchin, G. G.
71-000019
Hitron, J. W.
71-002994
Hitt, V. G.
71-005488
71-012485
Hitz, H. R.
71-010856
Hitzel, F.
71-000855
Hitzel, F. N.
71-000245
71-000858
71-000859
71-000860
Hixon, M. A.
71-005085
71-006312
71-006799
Hixon, R.
71-010459
Hixson, J. H.
71-001799
71-008081
Hlavek, R. R.
71-002995
71-002996
71-006313
Ho, C. L.
71-001149
Ho, J.
71-009695
Ho, J. C.
71-013094
Ho, J.-S.
71-009696
71-009697
71-009698
71-009699
Ho, S.-M.
71-002997
71-002998
71-002999
Hoag, S. H.
71-005988
71-007488
71-013215
71-013216
Hoagman, W. J.
71-012537
Hoar, W. S.
71-000419
71-001819
71-001820
71-003000
71-003001
71-003344
71-003345
71-003346
71-003611
71-003728
Hoban, E.
71-012020
71-012034
71-012932
Hobden, B. R.
71-003002
Hobson, E. S.
71-005086
71-006977
71-006978
71-013217
Hobson, L. A.
71-001351
Hochachka, P. W.
71-002609
71-002692
71-002693
71-002749
71-002867
71-002876
71-002877
71-003003
71-003004
71-003005
71-003006
71-003007
71-003008
71-003064
71-003065
71-003066
71-003067
71-004128
Hochman, L.
71-013068
Hocutt, C. H.
71-001219
71-001494
71-001616
71-004807
71-004808
71-005060
71-005061
71-005062
71-005219
71-005220
71-005559
71-007818
71-007819
71-007895
71-007912
71-007923
71-007924
71-007925
71-008036
71-008067
71-008218
71-010288
71-012573
Hodder, V. M.
71-006137
71-006544
71-009951
71-013451
Hodges, D. H., Jr.
71-003009
71-011531
Hodgins, H. O.
71-009062
71-009108
71-009110
71-009195
71-011110
Hodgkiss, I. J.
71-007087
71-013088
Hodgson, D. W.
71-010899
Hodkinson, I. D.
71-001220
Hodson, K.
71-010851
Hodson, P. V.
71-010900
71-010901
71-010902
71-010903
71-010904
71-010905
71-010906
71-010907
71-010908
Hodson, R. G.
71-008247
71-013430
Hoehn, R. C.
71-010698
71-010909
Hoekstra, T. W.
71-011796
71-012207
Hoese, D. F.
71-008620
71-008621
71-008622
Hoese, H. D.
71-008210
Hoestlandt, H.
71-003010
71-007489
Hofer, R.
71-003011
71-003012
71-003643
71-006979
71-007151
Hoff, F. H.
71-000594
71-000595
Hoff, J. G.
71-005087
71-005650
71-006884
71-007926
Hoffman, A. A.
71-011797
Hoffman, D. L.
71-003998
Hoffman, G. L.
71-008961
71-008962
71-008987
71-009296
71-009297
71-009298
71-009299
71-009300
71-009301
71-009302
71-009500
71-009700
71-009701
71-009702
71-009882
Hoffman, M. J.
71-010945
71-010946
Hoffman, R.
71-001617
Hoffman, R. A.
71-002822
Hoffmann, R.
71-013069
Hofman, J. W.
71-011052
71-011428
Hofmann, E. L.
71-003013
Hogan, J. A.
71-004918
71-005088
Hogan, J. W.
71-010955
71-011102
71-011204
Hogan, T. M.
71-009703
Hogarth, W. T.
71-000588
71-005651
Hogendoorn, H.
71-000389
71-000390
Hogg, R. G.
71-007927
Hogue, J. J.
71-006314
Hogue, J. J., Jr.
71-003014
Hok, C.
71-010074
Hokanson, K. E. F.
71-003015
71-003514
71-005540
71-008352
71-008366
Hokazono, S.
71-003016
Hoke, R. A.
71-007928
71-010910
71-010911
Hokenstrom, J. C.
71-011965
Holanov, S. H.
71-006980
71-013371
71-013408
Holbert, P. W.
71-003017
Holbrook, J. A. II
71-005782
71-007709
71-011667
71-012122
71-013059
Holbrook, W. P.
71-006315
Holcik, J.
71-007929
71-008353
71-013070
71-013078
Holcomb, D. E.
71-013011
Holcombe, G. W.
71-010594
71-010766
71-010912
71-010913
71-010914
71-011124
71-011125
Holcombe, R. F.
71-003018
71-003712
Holden, C.
71-000088
Holden, P. B.
71-007930
71-007960
71-013071
Holder, D. R.
71-005604
71-005817
71-006838
71-012538
Holder, F.-C.
71-003019
Holder, V. P.
71-004647
Holeton, G. F.
71-001618
71-002530
71-002531
71-003020
71-003021
71-003022
71-004114
71-004115
71-008396
Holey, M.
71-012296
Holford, B. H.
71-012306
Holiday, D. V.
71-001065
Holl, A.
71-001922
Holland, H. T.
71-011966
Holland, L. E.
71-001004
Holland, W. F.
71-013486
Hollenberg, M. J.
71-002604
Hollender, B.
71-010620
71-012296
Hollerman, W. D.
71-000391
Holley, A.
71-001511
Holliday, D. V.
71-006634
71-013372
Holliday, F. G. T.
71-003343
71-003837
71-006733
Holliman, A.
71-009235
Hollingsworth, J. E.
71-013367
Hollister, T. A.
71-010915
Holloway, H. L., Jr.
71-009033
71-009636
71-009704
Holm-Hansen, T.
71-001133
Holm, M.
71-003610
71-007361
71-007362
Holman, W. F.
71-010916
Holmberg, K.
71-001525
71-001619
Holmes, P. D.
71-008906
Holmgren, S.
71-002109
71-002110
71-003023
Holmstrom, E. R.
71-004202
71-004444
Holstein, B.
71-003024
71-003025
71-003026
71-003027
71-003501
Holt, C. S.
71-006635
Holt, J. K.
71-012523
Holt, R. A.
71-008963
71-009188
Holt, R. S.
71-000596
Holt, R. S., Jr.
71-000392
Holt, S.
71-013218

Holt, S. J.
71-013253
Holte, B.
71-005402
Holton, G.
71-007931
Holtz, R. B.
71-003804
Holtz, W.
71-000266
71-000986
Holtzman, D.
71-003412
Holub, B. J.
71-003028
Holubetz, T.
71-011668
Holz, D. D.
71-011101
Holzapfel, C. W.
71-010797
Holzapfel, E. P.
71-013303
Holzberg, S.
71-005089
71-005090
Holzhauser, N. J.
71-007139
Hom, K. B.
71-010494
Honda, H.
71-003238
71-006316
Honda, K.
71-012539
71-012540
Hong, S. L.
71-008623
Honma, M.
71-003029
Honma, Y.
71-001996
Honn, K. V.
71-002116
71-003030
71-003031
71-003632
Hontela, A.
71-003032
71-003781
Hood, E. J.
71-013485
Hood, J. M.
71-004993
71-004994
Hook, R. A.
71-006811
Hooker, W. M.
71-003033
Hooli, A. A.
71-003034
Hooper, A. D.
71-013027
Hooper, G. R.
71-005975
71-012064
71-013028
71-013040
Hooper, R. C.
71-009542
Hoopes, J. A.
71-013094
Hoopes, R.
71-011996
Hootman, S. R.
71-003035
Hooton, R. M.
71-006808
Hoover, J. J.
71-006981
Hoover, R. L.
71-011669
Hopelain, J. S.
71-000163
Hopkins, C. C. E.
71-007172
Hopkins, C. D.
71-005091
71-005092
71-005093
Hopkins, C. L.
71-006317
71-007490
71-008049
Hopkins, K. D.
71-000503
71-003036
71-004648
Hopkins, M. L.
71-000089
71-013332
Hopkins, T. L.
71-006773
Hopkirk, G.
71-003037
71-004406
Hora, M. E.
71-011990
Horak, D. L.
71-000945
Horak, G.
71-012020
71-012021
71-012022
71-012023
71-012024
71-012025
71-012026

...CONTINUED...
Horak, G.
71-012027
71-012028
71-012029
71-012030
71-012031
71-012032
71-012033
71-012034
71-012035
71-012036
71-012932
Horak, G. C.
71-011798
71-012587
Hori, K.
71-003038
Horii, S.
71-010310
71-010311
Horiuchi, M.
71-003039
71-003625
71-009120
Horkel, J. D.
71-003040
Horn, M. H.
71-003803
71-005652
71-007932
71-007933
71-011670
Horne, M. T.
71-009059
71-009121
71-009125
71-009181
Horner, K.
71-005094
Hornig, C. E.
71-001221
Horning, W. B.
71-010815
71-010917
Horning, W. B. II
71-010051
Hornsey, D. J.
71-003041
71-004505
Hornung, H.
71-010395
Horowitz, A.
71-010026
71-010202
Horrall, R. M.
71-005368
71-005369
71-005370
71-005392
71-006235
71-006496
71-006716
Horseman, L. C.
71-013452
Horseman, N. D.
71-003042
71-003043
Horsley, R. W.
71-009122
Horst, T. J.
71-012760
Horton, H. F.
71-000090
71-005653
71-007623
Horton, J. L.
71-000063
71-000064
Horvath, L.
71-000393
71-000394
71-000455
71-000528
71-004728
71-009303
Horwath, K. L.
71-006982
Horwitz, R. J.
71-007934
71-007935
Horwood, J.
71-002043
Hosford, B.
71-012926
Hosie, M. J.
71-005653
71-005787
Hoskins, G.
71-009123
Hoskins, G. E.
71-008964
71-008965
Hosmer, M. J.
71-000202
71-005095
Hosokawa, H.
71-004016
Hosomi, O.
71-002768
Hoss, D. E.
71-002265
71-002918
71-003044
71-003045
Hossler, F. E.
71-001620
71-001621

Host, W. H., Jr.
71-008076
Houde, E.
71-005989
Houde, E. D.
71-005495
71-005654
71-005990
71-006983
71-006984
71-007936
Houf, L. J.
71-011585
Houghton, R. G.
71-008852
Houk, J. L.
71-012541
71-012580
Hourston, A. S.
71-005991
71-006318
House, E. W.
71-003970
Houser, A.
71-005992
71-008405
71-012542
Houston, A. H.
71-003046
71-003047
71-003048
71-003049
71-003050
71-003051
71-003449
71-003529
71-003604
71-004047
71-010918
71-011113
71-011114
How, M. J.
71-011275
Howard-Peebles, P. N.
71-004634
Howard, C. N.
71-008966
71-008967
Howard, D.
71-006962
Howard, E. B.
71-010510
Howard, I. C.
71-012169
Howarth, R. S.
71-010919
Howden, D. B.
71-008328
Howden, P. J.
71-008328
Howe, A. B.
71-004751
71-005993
Howe, D. B.
71-003052
Howe, K. M.
71-007937
Howell, B. R.
71-000766
Howell, F. W.
71-002005
Howell, J. H.
71-009871
Howell, W. H.
71-006319
Howell, W. M.
71-002062
71-004544
71-004545
71-004587
71-004649
71-004650
71-008624
Howells, G.
71-010203
Howells, R. G.
71-008068
Howes, G. J.
71-008625
Howland, H. C.
71-002057
Howland, P. A.
71-012801
Hoyland, J.
71-003053
71-010893
Hoyt, R. D.
71-005590
71-005655
71-005656
71-005682
71-005825
71-006503
Hrbacek, J.
71-013072
Hruby, T.
71-010841
Hrutfiord, B. F.
71-011240
Htun-Han, M.
71-006320
71-006321
71-006322
71-006497
Huang, C. C.
71-011671
Huang, K.
71-013373
Huang, W.
71-002497

Hubbs, C.
71-004671
71-004825
71-004860
71-005657
71-005661
71-006323
71-006324
71-007831
71-007939
71-008354
71-012414
71-012467
Hubbs, C. L.
71-001622
71-007938
71-008626
71-008627
71-008628
71-008629
71-008630
Hubert, W. A.
71-005096
71-005097
71-005867
71-006325
71-006326
71-006985
71-007324
71-007491
71-007612
71-009304
71-010204
Huckabee, J. W.
71-010198
71-010920
Huckins, J. N.
71-011420
71-011616
Huddleston, R. W.
71-013337
Hudelson, R. A.
71-012255
Hudson, A. P.
71-003054
71-003055
71-004063
Hudson, P. L.
71-007603
71-010205
71-010206
71-012043
Hudson, R. C. L.
71-001811
71-005296
Hudson, R. G.
71-004651
71-006636
Hudson, R. H.
71-011586
Hudson, W. F.
71-006986
Huebner, E.
71-001623
Hueter, R. E.
71-001624
Huey, D. W.
71-010779
Huey, W. S.
71-011672
Huffman, D. G.
71-009600
71-009705
Huggett, R. J.
71-011084
Huggins, D. G.
71-007805
Huggins, N. H.
71-005201
Huggins, N. W.
71-005202
Hughes, B. D.
71-010207
Hughes, D. G.
71-000091
71-000422
Hughes, G. M.
71-001373
71-001597
71-001625
71-001626
71-001627
71-001628
71-001629
71-001630
71-001631
71-001643
71-003056
71-003057
71-003058
71-003059
71-003060
71-004075
71-010921
71-010922
Hughes, G. W.
71-008281
Hughes, J. B.
71-003061
Hughes, L. D.
71-011559
Hughes, M. L.
71-003062
Hughes, P. C. R.
71-013470
Hughes, R. A.
71-011591
Hughes, R. M.
71-008355

, S. E.
-005658
-012761
-013374
in, J. E.
-000555
-000597
-001005
. T.
-000333
-000767
-007492
, M.
-011397
, M. T.
-000004
-006637
-007618
-008308
-011057
-011967
nga, H. W.
-009124
-009554
-009762
a, G.
-000547
-001006
-001632
-004652
-007493
rg, L. W.
-001222
-006987
rt, P. J.
-011673
rt, W. C.
-001633
-001634
-002877
-003003
-003004
1-003005
1-003006
1-003063
1-003064
1-003065
1-003066
1-003067
1-003564
1-003565
1-009317
t, W. H.
1-001635
acher, L. E.
1-006988
tein, L. P.
1-008964
, D. J.
1-012956
el, R. III
1-010840
er, L.
1-001601
hrey, C. S.
1-003025
hreys, G.
1-004680
1-007991
hreys, G. B.
1-008104
hries, E. T.
1-006360
al, M. S.
1-010300
r, J. V.
1-001007
1-006907
1-010923
, N. M.
1-003068
, S. S. O.
1-000768
, J. B.
1-003069
1-003070
1-010600
1-011571
1-011587
, D. W. C.
1-003071
1-003072
, E.
1-010700
, E. L.
1-002707
1-002708
, E. P.
1-011125
, P. C.
1-007494
, R. L.
1-001636
1-011968
1-011969
1-011970
1-012415
, T. E.
1-010138
er, C.
1-003073
er, C. R.
1-001637
1-004729
1-004730
er, F. R.
1-003074
er, G. A.
1-000203
1-001000

Hunter, J. G.
71-006948
Hunter, J. R.
71-000598
71-003075
71-005659
71-006327
71-006989
71-008356
Hunter, L. J.
71-002962
Hunter, R. J.
71-011876
Huntingford, F. A.
71-005098
71-005099
71-005100
71-005101
Huntley, H. M.
71-011808
Huntsinger, K. R.
71-001066
71-001352
Huntsman, G. R.
71-005620
71-006293
71-007551
71-007940
71-008664
71-012170
71-012171
71-012256
71-013174
Huntsman, S. A.
71-006562
Huppert, D.
71-012172
Huppert, D. D.
71-013219
Huq, M. F.
71-000395
71-005469
Hureau, J.-C.
71-005660
71-008631
Huriaux, F.
71-003076
Hurlbert, S. H.
71-010208
Hurlburt, M. E.
71-003077
71-003078
Hurley, D. A.
71-008357
Hurst, H.
71-005661
Hurtel, J. M.
71-010579
Huschenbeth, E.
71-010209
Hussain, N. A.
71-000599
Hussain, S. M.
71-001638
Hussey, C. G.
71-009878
Hutchins, F. E.
71-010924
71-011024
71-011025
71-011026
Hutchins, J. B.
71-008840
Hutchinson, B.
71-006828
Hutton, G. D.
71-000077
Hutton, R. F.
71-011658
Hutzinger, O.
71-011563
Hvidsten, H.
71-000680
Hwang, S. J.
71-003086
71-003087
Hyatt, W.
71-010309
Hyatt, W. H.
71-012690
Hyde, D.
71-003079
Hyder, M.
71-003080
71-003387
Hyle, R. A. II
71-007941
Hylen, A.
71-012543
Hylin, J. W.
71-010420
Hynes, H. B. N.
71-010101
Hyodo-Taguchi, Y.
71-003081
Hysmith, B. T.
71-000577
Iatrou, K.
71-003082
Ibara, R. M.
71-005333
Ibrahim, H.
71-000312
71-006185
Ibrahim, K. H.
71-002174
Icanberry, J. W.
71-007942
71-012512

Ichihara, T.
71-012329
Ichikawa, M.
71-001639
71-001640
Ichikawa, T.
71-003083
71-003744
Ichniowska, B.
71-003759
Idaho Department of Game
71-011840
Ideda, S.
71-000882
Idler, D. R.
71-002344
71-002380
71-002381
71-002492
71-003085
71-003086
71-003087
71-003088
71-003282
71-003283
71-003286
71-003640
71-003641
71-003642
71-004234
71-004371
Iga, T.
71-003090
71-003091
Igeta, Y.
71-012544
Igram, R.
71-003092
71-004341
Igumnova, L. V.
71-000396
Ihssen, P.
71-000092
Iida, H.
71-004222
Iijima, N.
71-003093
71-003094
71-003095
Ikeda, S.
71-000881
71-004455
71-004456
71-004457
71-004458
71-004459
71-004489
71-004490
71-004491
71-009909
71-010210
71-011545
71-011546
71-011555
Ikenberry, E. A.
71-010211
Ikenberry, R. D.
71-003062
Ikusemiju, K.
71-005662
71-006990
Ikuta, K.
71-003622
Il'inskii, O. B.
71-002323
Il'yasova, Z. Ya.
71-005663
Ilan, Z.
71-004198
71-004474
71-010706
71-010925
Illingworth, J.
71-001568
Ilyinsky, O. B.
71-002125
Imabayashi, H.
71-005102
71-006991
Imada, K.
71-001641
71-003096
Imada, O.
71-000769
71-000786
Imada, R.
71-009706
71-009707
71-009708
Imai, T.
71-012545
Imanaka, M.
71-010333
Imaoka, Y.
71-005664
Imhof, M.
71-004653
71-012296
Impellizzeri, G.
71-010016
Ina, K.
71-005103
Inaba, D.
71-000093
71-000094

Inada, T.
71-001566
Inagaki, T.
71-005159
71-005257
Ince, B. W.
71-003097
71-003098
71-003099
71-003100
71-003101
71-003102
71-003103
71-003104
Inebi, W.
71-009125
Infante, O.
71-005665
Information Systems Technical Laboratory
71-013375
Ingerbrigtsen, O.
71-003610
Ingham, L.
71-003105
Ingham, M. C.
71-006061
71-007897
71-007943
71-013220
Ingleton, P. M.
71-001403
71-001771
71-003106
Inglima, K.
71-003469
Ingoglia, N. A.
71-003107
Ingold, D.
71-011895
Ingols, R. S.
71-010520
Ingraham, W. J., Jr.
71-001107
71-013221
Ingram, B. S.
71-012173
Ingram, G. A.
71-002135
71-003108
71-003109
71-003110
71-003111
71-008968
71-009126
Ingram, J. K.
71-001642
Inman, C. R.
71-007495
71-012416
Inmon, L. E.
71-006810
Inoue, A.
71-010006
71-010579
Inoue, H.
71-007496
Inoue, K.
71-012540
Inoue, M.
71-000600
71-000601
71-000602
71-000603
71-000604
71-000667
71-005104
71-006328
71-008287
Inslee, T.
71-009367
Inslee, T. D.
71-000289
71-000397
71-009226
Institute of Electrical and Electronics Engineers
71-013250
Intergovernmental Oceanographic Commission
71-010212
International Association of Fish and Wildlife Agencies
71-011674
International Atomic Energy Agency
71-012330
International Commission for the Northwest Atlantic Fisheries
71-011841
71-012174
International Pacific Halibut Commission
71-011842
71-013222
71-013223
71-013224
Intong, S.
71-007622
Inui, Y.
71-003112
71-003113
71-003114
71-003115
71-004500
Ioganzen, B. G.
71-011628
Ionova, V. A.
71-006992
Irace, G.
71-002183

Irby, E. W., Jr.
71-013228
Iredale, D. G.
71-013336
Irie, T.
71-012556
Iriki, M.
71-003116
71-003614
71-003615
Isaacks, R. E.
71-003117
71-003118
71-003119
71-003240
71-003241
Isaacs, J. D.
71-006993
71-013225
Isaacson, P. A.
71-003120
71-009709
Isaia, J.
71-003121
71-003122
71-003123
Isbell, W. A.
71-000518
Isbrucker, I. J. H.
71-008632
71-008633
Isensee, A. R.
71-010974
71-011553
Ishak, M. M.
71-010926
Ishi, T.
71-013376
Ishida, N.
71-010484
Ishida, R.
71-002991
Ishida, T.
71-006967
71-012417
71-012546
Ishida, Y.
71-004144
Ishihara, T.
71-003124
71-003125
Ishihara, Y.
71-004483
Ishii, T.
71-003624
71-004455
71-011545
71-011546
71-013377
Ishikawa, M.
71-003238
71-003721
71-010927
Ishikawa, T.
71-009710
Ishimaru, Y.
71-010484
Ishio, S.
71-004471
71-004472
71-004473
Ishioka, H.
71-003126
Ishiwata, K.
71-000604
Ishiwata, N.
71-006994
71-006995
Ishizaki, Y.
71-004351
Islam, A. K. M. S.
71-000395
Ismukhanov, Kh. K.
71-005666
Isouchi, T.
71-012540
Istomin, A. I.
71-007238
Isuyev, A. R.
71-002429
Ita, E. O.
71-005994
Itami, T.
71-009127
71-009128
71-009129
71-009140
Itazawa, Y.
71-003127
71-003128
71-004173
71-004453
71-007508
71-010928
71-011007
71-011008
71-011009
71-011010
Itnier, D. A.
71-008216
Ito, B. M.
71-011364
Ito, K.
71-004168
Ito, T.
71-005404
Ito, Y.
71-004445
71-010929
71-010930
Itoh, K.
71-002042
Itzkowitz, M.
71-005105
71-005106
71-005107
71-005108
71-005109
Iuchi, I.
71-002082
71-004654
Ivankov, V. I.
71-006329
Ivankov, V. N.
71-005468
71-006330
71-006331
71-006332
71-007944
Ivankova, Z. G.
71-006329
71-007036
Ivanova, M. N.
71-006996
Ivanova, Z. A.
71-007497
Ivanovic, B.
71-007981
Ivantsoff, W.
71-008634
Iversen, E. S.
71-009375
Iverson, E. M.
71-000022
Ives, J.
71-011958
Ives, P. J.
71-001964
Ivey, J. M.
71-011448
Iwahashi, M.
71-000438
71-000439
Iwai, P. J.
71-009395
Iwai, S.
71-004837
Iwai, T.
71-001626
71-001643
Iwama, G. K.
71-009130
71-009711
71-010931
71-010932
71-010933
71-010934
Iwamatsu, T.
71-003129
71-003130
71-003131
71-003132
Iwamoto, T.
71-008635
71-008636
Iwanaga, S.
71-003594
Iwasa, K.
71-006534
Iwasaki, Y.
71-005110
71-012547
Iwashita, I.
71-006181
Iwashita, M.
71-000605
71-000606
71-012544
Iwata, K.
71-003133
71-003134
71-003135
71-003136
71-006997
71-009135
Izawa, K.
71-009712
Izower, J.
71-003137
Izuha, A.
71-007297
Izumo, R. S.
71-002122
Jackling, S.
71-013348
Jackson, A. J.
71-000219
71-000770
Jackson, D. A.
71-010935
71-010936
Jackson, G. A.
71-001026
71-010937
Jackson, L. F.
71-007945
Jackson, P. B. N.
71-013060
Jackson, P. D.
71-006333
71-006998
71-008358
Jackson, R.
71-010277
71-011992
Jackson, U. T.
71-000398
71-001019
Jackson, W. F.
71-010938
Jacob, P. G.
71-010883
Jacob, W. F.
71-006542
Jacobi, G. Z.
71-001223
71-010939
71-011588
71-012070
71-013075
Jacobs, G.
71-010940
71-010941
Jacobs, J.
71-006999
Jacobsen, O. J.
71-010213
71-010942
Jacobsen, T. V.
71-010143
Jacobson, C.-O.
71-011209
Jacobson, J.
71-002300
Jacquaz, B.
71-006638
Jaeger, R. G.
71-007157
Jafii, A. K.
71-003139
71-003140
71-003141
71-003142
71-003607
71-003996
71-005111
71-005240
71-007000
71-007561
Jafri, S. I. H.
71-001644
71-003143
Jaganath Rao, A. V.
71-000416
Jahn, A. E.
71-010526
Jahn, L. A.
71-005112
71-005188
71-005813
Jahn, L. R.
71-011675
71-011799
Jaiyen, K.
71-012859
Jakobsen, T.
71-006334
71-006335
71-006336
71-006639
71-006640
71-006641
71-006642
71-012543
Jakobsson, S.
71-005113
Jalabert, B.
71-000095
71-000399
71-000400
71-001992
71-002383
71-002533
71-002736
71-003144
71-003145
71-004368
James, B.
71-007946
James, D. G.
71-002259
James, G. D.
71-003146
71-007498
71-007947
71-008157
71-008637
James, G. J.
71-012860
James, H. A.
71-009497
James, M. O.
71-010842
71-010943
James, P. S. B. R.
71-008996
Jamieson, A.
71-004655
71-004800
Jan, J.
71-010214
71-010944
Jana, B. B.
71-000401
Jana, R. K.
71-000318
Janaki Ram, K.
71-000341
Janatuinen, J.
71-009150
71-010186
71-010187
Jancsar, S.
71-002059
Jandebeur, T. S.
71-007948
Janicki, A. J.
71-001319
Janicki, C.
71-009441
Janicki, R.
71-003443
Janisch, J. L.
71-000402
71-008054
Janisch, T.
71-000024
Jankovic, D.
71-007949
Janovy, J., Jr.
71-009264
71-009267
71-009268
71-009269
71-009316
Jansen, P. L. M.
71-003147
Jansen, W. F.
71-003148
Janssen, J.
71-007001
71-007002
71-007003
71-007004
Jany, D.-K.
71-003149
Janzen, S.
71-011247
Janzen, S. A.
71-010920
Janzow, F. T.
71-005114
71-005225
Jaquet, J.-M.
71-001056
71-001122
71-001123
71-001139
71-001152
71-001154
71-001178
71-001183
Jarman, R. N.
71-012141
Jaroszynski, L. O.
71-001337
71-001338
Jarrams, P.
71-000204
Jarrell, H.
71-011933
Jarrell, H. R.
71-011932
Jarvi, T.
71-005113
Jarvinen, A. W.
71-010945
71-010946
71-010947
Jarvis, R. S.
71-001645
Jaspers, E. J.
71-001646
71-003150
Jauch, D.
71-010948
Jauncey, K.
71-000676
Jaworski, E.
71-010215
Jay, F. B.
71-010949
Jayaprakash, A. A.
71-001647
71-007005
71-007499
71-007950
Jearld, A., Jr.
71-005115
Jee, A. K.
71-000771
Jefferies, D. F.
71-010197
71-010891
Jefferies, D. S.
71-010115
Jeffers, C. D.
71-007951
Jeffrey, J. E.
71-004769
Jeffries, D. S.
71-001150
Jeffries, E. R.
71-000096
Jellyman, D. J.
71-003151
71-006643
71-006644
71-006645
71-007500
Jena, S.
71-000341
71-005784
71-012663
Jenio, F.
71-000097
Jenkins, C. F.
71-012861
71-012895

Jenkins, D.
  71-010194
Jenkins, D. B.
  71-001648
Jenkins, J. H.
  71-011057
Jenkins, N.
  71-002592
  71-003152
  71-004147
  71-004148
  71-004149
Jenkins, R. E.
  71-007952
  71-007953
  71-007991
Jenkins, R. M.
  71-007006
  71-011713
  71-012772
  71-013073
Jenkins, S. H.
  71-001067
Jenkinson, D. W.
  71-012384
  71-012385
Jenks, B. G.
  71-003521
Jennings, D. E.
  71-001913
Jensen, A. C.
  71-011676
  71-013226
Jensen, A. J.
  71-003153
Jensen, A. L.
  71-005995
  71-012762
  71-012763
  71-012862
Jensen, D.
  71-010907
Jensen, D. N.
  71-001400
Jensen, D. W.
  71-012931
  71-012932
Jensen, G. L.
  71-000403
  71-000404
  71-000503
Jensen, J. O. T.
  71-003990
Jensen, J. W.
  71-000098
  71-000189
  71-000205
Jensen, K. W.
  71-005996
  71-005997
  71-005998
Jensen, L. A.
  71-008969
  71-009294
  71-009347
  71-009713
  71-009714
Jensen, L. D.
  71-012685
Jensen, N. J.
  71-000970
  71-009145
Jensen, S.
  71-010336
Jerde, C. W.
  71-007222
Jermyn, A. S.
  71-012714
Jerome, W. C., Jr.
  71-007954
Jerpi, D. A.
  71-013227
Jeserich, G.
  71-001899
  71-005302
Jesien, R.
  71-012296
Jessop, B. M.
  71-006646
Jester, D. B.
  71-005999
  71-012548
Jester, D. B., Jr.
  71-012764
Jestin, J.-M.
  71-012520
Jewett, S. C.
  71-007007
Jeyalakshmi, K.
  71-010574
Jha, B. C.
  71-009237
Jhingran, A. G.
  71-000405
  71-009237
Jhingran, A. J.
  71-007473
Jhingran, V. G.
  71-000099
  71-000100
  71-000101
  71-000102
  71-000370
  71-000406
  71-000407
  71-000408
  71-000409
  71-000453
  71-010216
  71-012418
Jilek, R.
  71-001649
  71-006337
  71-009715
  71-009716
Jimenez, M. M.
  71-010244
Jinadasa, J.
  71-005667
Jinks, S. M.
  71-003154
Jo, Y.
  71-009141
Joassin, L.
  71-003155
Job, S. V.
  71-003854
Jobling, M.
  71-003156
  71-003157
Jocque, R.
  71-005668
Joest, L.
  71-005008
Johannes, R. E.
  71-006388
Johannessen, M.
  71-010505
Johansen, K.
  71-002628
  71-003158
  71-003159
  71-003160
  71-003229
  71-003427
  71-003460
  71-003461
  71-004363
  71-004364
Johansen, P.
  71-010041
Johansen, P. H.
  71-004329
  71-004330
  71-005116
  71-005788
Johansson-Sjobeck, M.-L.
  71-002513
  71-002514
  71-002515
  71-002665
  71-003161
  71-003162
  71-003163
  71-003370
  71-003416
  71-010950
  71-010951
Johansson, N.
  71-009717
  71-010952
  71-011301
Johar, M. A. O.
  71-006244
John, A. W. G.
  71-007957
John, H.-C.
  71-001651
John, M. J.
  71-000772
  71-009780
John, T. M.
  71-003164
Johns, P. A. R.
  71-003165
Johnsen, B. O.
  71-007008
  71-009718
Johnsen, P. B.
  71-005117
  71-006647
Johnson, A.
  71-000556
Johnson, A. D.
  71-009615
Johnson, A. G.
  71-010953
  71-010954
Johnson, A. K.
  71-000231
Johnson, B. G. H.
  71-006000
Johnson, B. M.
  71-007755
  71-007955
Johnson, B. T.
  71-010955
Johnson, C. A. III
  71-009795
Johnson, C. R.
  71-010956
Johnson, D. A.
  71-002298
Johnson, D. L.
  71-013029
Johnson, D. W.
  71-001151
  71-004198
  71-006338
  71-006817
  71-007162
Johnson, E. A.
  71-000773
  71-000774
Johnson, E. C.
  71-009719
Johnson, F. H.
  71-008359
  71-012297
  71-012863
Johnson, G. D.
  71-005343
  71-008454
  71-008572
  71-008638
Johnson, G. N.
  71-007035
  71-012557
  71-012558
Johnson, H. E.
  71-010855
  71-011592
  71-011593
  71-011594
  71-011595
Johnson, J. D.
  71-010963
Johnson, J. E.
  71-002223
  71-006090
  71-011677
Johnson, J. H.
  71-006658
  71-007009
  71-007010
  71-007011
Johnson, J. M., Sr.
  71-013339
Johnson, J. S.
  71-011097
Johnson, K. A.
  71-009305
  71-009383
Johnson, L.
  71-004978
  71-006001
Johnson, M. G.
  71-001281
  71-005685
  71-008360
  71-008380
  71-010217
  71-011802
  71-012864
Johnson, M. O.
  71-012392
Johnson, M. S.
  71-008639
Johnson, M. W.
  71-012257
  71-012865
Johnson, P.
  71-006975
Johnson, P. O.
  71-006339
Johnson, P. R.
  71-011765
Johnson, P. W.
  71-000103
Johnson, R. A.
  71-006340
Johnson, R. H.
  71-006341
Johnson, R. K.
  71-002045
  71-008640
Johnson, R. P.
  71-013433
Johnson, R. R.
  71-011971
Johnson, S. L.
  71-002658
  71-002659
  71-002660
  71-003166
Johnson, T. L.
  71-012549
Johnson, W. S.
  71-007956
Johnson, W. W.
  71-010957
  71-011134
  71-011182
Johnston, C. E.
  71-010521
Johnston, D. A.
  71-006002
Johnston, E.
  71-000323
  71-000324
Johnston, I.
  71-003175
Johnston, I. A.
  71-003056
  71-003057
  71-003167
  71-003168
  71-003169
  71-003170
  71-003171
  71-003172
  71-003173
  71-003174
  71-003507
  71-003563
  71-004326
Johnston, J. B.
  71-013130
Johnston, M. L.
  71-001681
Johnston, M. R. L.
  71-009271
Johnston, R.
  71-010346
Johnston, R. M.
  71-004348
Johnston, T. B.
  71-012419
Johnstone, A.
  71-011307
Johnstone, A. D. F.
  71-005069
Johnstone, R.
  71-000206
  71-000207
  71-000208
Jokola, K. J.
  71-005402
Jolley, J. W., Jr.
  71-005669
  71-005670
  71-013228
Jollie, M.
  71-001652
Jollie, M. T.
  71-001653
Jolly, A. L., Jr.
  71-011261
Joly, C.
  71-002304
Jonasson, P. M.
  71-001068
Jones, A.
  71-009770
Jones, A. B. III
  71-011938
Jones, B. C.
  71-001008
  71-003176
  71-005671
  71-007012
  71-007013
  71-007501
  71-008641
  71-012331
  71-013378
Jones, B. J.
  71-003177
Jones, B. R.
  71-002330
  71-003514
Jones, B. W.
  71-004701
Jones, C.
  71-011803
Jones, C. C.
  71-010402
Jones, D.
  71-008361
  71-009720
Jones, D. C.
  71-013486
Jones, D. D.
  71-012765
Jones, D. H.
  71-007957
Jones, D. M.
  71-001964
Jones, D. R.
  71-002281
  71-003021
  71-003236
  71-004058
Jones, E.
  71-001003
Jones, F. V.
  71-012175
Jones, G. S.
  71-007958
Jones, I. C.
  71-001771
Jones, J. B.
  71-000139
  71-004806
  71-009721
Jones, J. C.
  71-013136
Jones, J. R.
  71-001353
Jones, J. W.
  71-006303
  71-006567
  71-007174
  71-007494
  71-007673
  71-012443
  71-012496
Jones, M. D.
  71-012856
Jones, N. V.
  71-007402
  71-012048
Jones, P. N.
  71-001585
Jones, R.
  71-000775
  71-003431
  71-007014
  71-012332
Jones, R. D.
  71-007973
Jones, R. M.
  71-000963
Jones, R. S.
  71-006003
  71-010218
  71-012523

Jones, R. I.
71-[illegible]178
71-[illegible]
71-[illegible]694
Jones, S. B.
71-[illegible]459
Jones, W. R.
71-[illegible]482
71-[illegible]863
Jonsson, A.-C.
71-002111
71-010958
Jonsson, B.
71-006004
71-007502
Jordan, J.
71-003179
Jordan, Y.
71-011304
Jorgensen, C. B.
71-008362
Jorgensen, C. R.
71-008297
Jorgensen, J. M.
71-001650
71-005118
Jorgensen, S. E.
71-007503
71-010219
Joseph, E. B.
71-007514
Joseph, J.
71-005672
71-013229
Joseph, T. W.
71-007015
71-007959
71-007960
Joshi, B. D.
71-001476
71-003180
71-009306
Joshi, B. N.
71-003181
Joshi, C. B.
71-000888
Joshi, H. C.
71-011215
Joshi, S. R.
71-010048
Joss, J. P.
71-003152
Josselyn, M. N.
71-010459
Joswiak, G. R.
71-012328
71-012333
71-012550
Jourdan, F.
71-001511
Jow, T.
71-007466
Joy, J. E.
71-009722
Joyce, E. A., Jr.
71-012964
Joyce, E. C.
71-001654
Joyce, J. A.
71-001528
71-004596
71-012334
Joyner, T.
71-000209
Jozuka, K.
71-010959
Juarez, M.
71-006047
Juario, J. V.
71-000344
71-000429
Jubb, R. A.
71-007961
71-007962
Juchau, M. R.
71-011227
Judd, F. W.
71-002163
Judy, R. D., Jr.
71-010960
Julin, A. M.
71-010806
71-010961
June, F. C.
71-013074
Jungwirth, M.
71-000210
Junqueira, L. C. U.
71-010962
Jurgensen, K. M.
71-013340
Jurkovic, A. A.
71-010393
Jurss, K.
71-003138
71-003182
71-003183
Justice, L.
71-012644
Juul, R. B.
71-010220
Jyrkkanen, J.
71-007963
Kaakinen, R.
71-007504
Kabata, Z.
71-009723
71-009724
71-009725
Kabayama, A.
71-005119
71-005135
71-005136
71-005460
Kachina, T. F.
71-003184
Kachmarchik, E. V.
71-004022
Kaczynski, V. W.
71-011678
Kaczynski, W.
71-013230
Kadota, H.
71-003931
71-004144
Kaeding, L. R.
71-006005
71-006649
71-007505
Kaehler, T.
71-000627
Kaeriyama, M.
71-000211
71-000212
71-005673
71-007016
71-007017
Kaesler, R. L.
71-012766
Kaffka, J.
71-012420
Kagawa, H.
71-001655
Kageyama, Y.
71-000769
Kagwade, P. V.
71-006342
Kah, O.
71-002412
71-003185
Kahn, M. A. Q.
71-010980
Kahn, R. A.
71-009726
Kaikini, A. S.
71-007964
Kailola, P. J.
71-007965
Kaiser, I. I.
71-010963
Kaiser, K. L. E.
71-010221
71-010222
71-010810
71-010964
Kajak, Z.
71-007018
Kaji, S.
71-003186
Kajihara, T.
71-006728
71-006729
Kajishima, T.
71-004656
71-004657
Kakimoto, D.
71-002887
71-002888
71-003582
71-003931
71-003932
Kaku, T.
71-005120
Kakuda, S.
71-007506
71-007507
Kalac, J.
71-003187
Kalashnikova Z. M.
71-001656
Kalavati, C.
71-009828
Kalfa, A. M.
71-000569
Kalff, J.
71-001201
Kalinich, D. S.
71-004510
Kalinin, D. S.
71-004508
Kalinina, E. M.
71-006343
71-007966
Kalinowski, M.
71-010053
Kaliyamurthy, H.
71-008143
Kaliyamurthy, M.
71-006693
Kallemeyn, L. W.
71-011972
Kallman, K. D.
71-002187
71-004658
71-004777
71-004778
Kallner, A.
71-003188
Kalmaz, E. V.
71-010223
71-010224
Kalmaz, G. D.
71-010223
Kalmijn, A. J.
71-003189
Kalnicky, R. A.
71-012957
Kaloustian, K. V.
71-003190
Kamaldeep, K.
71-010970
Kamel, A.
71-001657
Kami, H. T.
71-007967
71-008454
Kamiya, H.
71-004165
71-010965
71-010966
Kamlyuk, L. V.
71-007019
Kamoi, I.
71-003191
Kan, S.
71-003594
71-003595
Kan, T. T.
71-005674
Kanamoto, Z.
71-005121
Kanazawa, J.
71-010967
71-010968
71-010969
Kanazawa, R. H.
71-008790
71-008857
71-008860
Kanda, T.
71-003128
71-007508
Kaneen, R. G.
71-013231
Kaneko, A.
71-001538
Kaneko, S.
71-010310
71-010311
71-011544
Kanemori, R. Y.
71-013379
Kanep, S. V.
71-004659
71-007509
71-007510
71-013380
Kanevskaya, N. K.
71-001836
71-004660
Kangur, M.
71-000607
Kania, H. J.
71-010820
71-011366
Kanias, G. D.
71-010345
Kanid'yev, A. N.
71-000776
71-000777
Kanno, Y.
71-001658
Kanoh, S.
71-004452
Kantor, E. J.
71-010899
Kao, Y.-H. J.
71-003192
71-003193
Kapetsky, J. M.
71-006006
Kaplan, E. H.
71-011973
Kaplan, M. A.
71-002949
Kapoor, C. P.
71-003194
Kapoor, D.
71-011215
Kapp, H.
71-007968
Kapur, K.
71-003195
71-003196
71-003197
71-004227
71-010970
Kar, S. L.
71-000705
71-012663
Karadi, G. M.
71-011975
Karagitsou, H.
71-007020
Karamchandani, S. J.
71-001426
71-006344
71-007511
Karapetian, J. V.
71-010225
Karasev, G. L.
71-007969
71-012421
Karel, W. J.
71-004623
71-004625
Karimian-Teherani, D.
71-011274
Kariya, T.
71-010971
Karki, N. T.
71-010010
Karlotski, W. J.
71-001915
Karlsson, M.
71-010254
Karmanova, I. G.
71-003198
Karmy B., E.
71-007299
Karnaky, K. J., Jr.
71-003199
Karpenko, G. I.
71-003200
Karplus, I.
71-005122
71-007021
Karpovich, T. A.
71-010569
71-010972
Karr, J. R.
71-012526
Karrick, N. L.
71-010226
71-010841
Karuppaswamy, P.
71-008142
Karweit, M.
71-004793
Karzinkin, G. S.
71-003201
Kas'yanov, V. P.
71-006147
71-008440
Kasahara, S.
71-009815
Kashapova, L. A.
71-001659
71-003202
Kashin, S. M.
71-005123
71-007022
Kashiwagi, E.
71-004740
Kashiwayanagi, M.
71-004485
Kashkin, N. I.
71-001660
71-007970
Kasim, H. M.
71-003332
Kasinsky, H. E.
71-002277
71-002278
Kask, B. A.
71-007236
Kassel, J.
71-003203
71-003981
Kassimati, E. M.
71-010345
Kaster, J. L.
71-013075
Kaster, K. B.
71-012017
71-012018
Kastin, A. J.
71-003708
71-005260
Kasumyan, A. O.
71-003391
Kasuya, H.
71-003683
Katae, H.
71-008970
71-009131
Katayama, T.
71-000813
71-000890
71-003016
71-003506
Katayama, Y.
71-010484
71-012298
Kathman, D.
71-001224
Kato, H.
71-002925
Kato, Y.
71-004616
Katoh, N.
71-004245
Katoh, T.
71-003131
Katopodis, C.
71-012686
Katre, S.
71-000853
Katsuyama, M.
71-000438
71-003204
71-003490
71-003491
71-003492
71-003493
71-003494
71-003495
71-003496
Katta, V. P.
71-009780
Katti, S. K.
71-012227
Katz, A. H.
71-003205
Katz, H. M.
71-003205
71-005124
71-006345
Katz, L. M.
71-003206
Kaudoum, A. M.
71-010989
Kauffman, J.
71-010227
Kaufman, K. O.
71-013487

...CONTINUED...
Kaufman, K. O.
71-013488
Kaufman, L.
71-007023
Kaufman, M.
71-004120
Kaur, K.
71-003207
Kausch, H.
71-003960
Kaushik, S.
71-000778
71-003208
71-003209
71-003210
71-003212
Kaushik, S. J.
71-000779
71-003211
Kavaliers, M.
71-001661
71-003213
71-003214
71-003215
71-003216
71-003217
71-005125
71-005126
71-005127
71-005128
71-005129
Kavaric, M.
71-007981
Kawabata, T.
71-004352
Kawaguchi, K.
71-007463
71-007464
Kawai, A.
71-001177
Kawai, K.
71-009141
71-009142
Kawamura, G.
71-005119
71-005130
71-005131
71-005132
71-005133
71-005134
71-005135
71-005136
71-005460
71-012551
71-012552
Kawamura, H.
71-003587
71-006007
71-006648
Kawanabe, H.
71-005137
Kawasaki, T.
71-005771
71-006008
Kawasaki, Y.
71-010971
Kawatski, J. A.
71-010860
71-011589
Kawatsu, H.
71-003656
71-009727
71-010973
Kawauchi, H.
71-003218
Kawazu, H.
71-003927
Kay, E. A.
71-010384
Kay, L. K.
71-006314
Kaya, C. M.
71-003219
71-006346
71-006649
71-007505
71-010664
Kayama, M.
71-003220
71-003462
71-003618
71-003622
71-003623
Kaydanova, T. I.
71-004661
Kaye, G. T.
71-013401
71-013402
Kayes, T.
71-003222
71-003223
71-007512
Kayes, T. B.
71-003221
Kays, M.
71-013454
Kayton, R. J.
71-009728
71-009749
Kazancheyev, Ye. N.
71-007971
Kazanskiy, A. B.
71-006009
71-007024
Kazantseva-Selezneva, A. A.
71-001662
Kazic, D.
71-007981

...CONTINUED...
Kazic, D.
71-009729
Kazlauskene, O. P.
71-000780
71-000892
71-004003
Kazubski, S. L.
71-009301
Kearn, G. C.
71-009730
Kearney, P. C.
71-010974
Kearns, E.
71-010116
71-010328
Kearns, P. K.
71-010228
Keast, A.
71-007025
71-007026
Kechele, P. O.
71-003741
Keck, G.
71-010229
Kedric-Brown, A.
71-006347
Keefe, T. J.
71-012717
Keeler, M.
71-003231
Keenan, C. L.
71-007027
Keene, D. F.
71-012553
Keeney, D. R.
71-010975
Keeney, R. L.
71-012767
Keenleyside, M. H. A.
71-005382
71-006267
71-006348
71-006349
71-012318
Keirans, W. J., Jr.
71-007972
Keirn, M. A.
71-010140
Keith, B.
71-012258
Keith, J. H.
71-009731
Keith, W. E.
71-013076
Keizer, P. D.
71-010156
71-010230
71-011263
Kelle, W.
71-009732
Keller, E. C., Jr.
71-011228
Keller, R.
71-010346
Kelley, D.
71-006650
Kelley, E.
71-010385
Kellogg, R. L.
71-010661
Kelly, G. A.
71-007973
Kelly, K. F.
71-002220
71-003224
71-011307
Kelly, R. K.
71-009426
71-009427
71-009471
Kelly, W.
71-011974
Kelso, D. P.
71-007974
Kelso, J. R. M.
71-005138
71-005675
71-006010
71-006651
71-008380
71-010231
71-010232
71-010233
71-010263
71-010309
71-012687
71-012688
Kemmerer, A. J.
71-013381
Kemp, A.
71-001663
71-001664
Kemp, A. L. W.
71-001056
71-001122
71-001123
71-001139
71-001152
Kemp, N. E.
71-001665
71-001666
Kemp, W. M.
71-010234
Kempf, C.
71-010235
Kempinger, J. J.
71-006011
71-006012
71-012176

...CONTINUED...
Kempinger, J. J.
71-012866
Kenaga, E. E.
71-010976
Kendall, A. W.
71-005676
Kendall, A. W., Jr.
71-001667
71-006230
71-007730
71-007975
71-008642
Kendall, D. R.
71-010148
71-010149
Kendall, M. W.
71-001668
71-010977
71-010978
Kendall, R. L.
71-011679
Kenley, M. J.
71-002478
Kenmuir, D. H. S.
71-013077
Kennedy, C. R.
71-007410
71-007411
71-008313
71-008971
71-008972
71-008973
71-009733
71-009734
71-009735
71-009736
71-009737
71-009738
71-009739
Kennedy, G. J. A.
71-006013
Kennedy, J. J.
71-012422
Kennedy, J. L.
71-006350
71-013382
Kennedy, O. D.
71-012653
Kennedy, S. E.
71-005677
Kennedy, V. S.
71-010979
Kennelly, J. J.
71-011843
Kenner, C. T.
71-010110
Kennett, C. B.
71-006351
Kensler, C. J.
71-010663
Kensley, B. F.
71-007976
Kent, B.
71-003225
Kent, G.
71-013232
Kent, J.
71-003226
Kent, J. D.
71-003227
Kent, J. S.
71-003782
Kenyon, C. J.
71-001771
Kenyon, R. B.
71-007513
Keppner, E. J.
71-009740
Kerby, J. H.
71-000004
71-004662
71-004663
71-007514
71-008308
Kerdelhue, B.
71-002359
Kerebel, L.-M.
71-005139
Kerekes, J. J.
71-005485
71-005811
Kernehan, R. J.
71-003228
71-008260
71-013452
Kerns, C. L.
71-000260
71-000781
Kerr, S. R.
71-005140
71-005678
71-006014
71-011680
71-012768
Kerr, W. E.
71-004132
Kerstens, A.
71-003229
Kerstetter, T. H.
71-003230
71-003231
71-009042
Kesavan Nair, A. K.
71-007658
71-013233
Kesbeke, F.
71-004268
71-004269
71-004270

Keshavanath, P.
71-003631
Kesler, D. H.
71-006319
71-007515
Ketchen, K. S.
71-006160
Ketola, H. G.
71-000782
71-009874
Kettle, D.
71-007028
Keup, L. E.
71-012867
Kevern, N. R.
71-010290
71-011818
Key, J. G.
71-005751
Keys, C. E.
71-003997
Keysner, E. E.
71-006352
Khakberdiyev, B.
71-005464
Khalid, R. A.
71-010350
Khalifa, K. A.
71-009132
71-009741
Khalil, L. F.
71-009742
Khalil, S. R.
71-010926
Khalitov, N. Kh.
71-006372
Khallaf, E. S. A.
71-008378
Khalturin, D. K.
71-005679
Khan, A. A.
71-000410
71-006824
Khan, H. A.
71-000411
71-003232
71-004206
Khan, H. M.
71-010980
Khan, M. A.
71-007144
Khan, M. A. Q.
71-010763
71-010794
71-010795
71-011160
71-011436
Khan, M. Z.
71-007977
Khan, R. A.
71-009307
71-009308
71-009309
71-009310
71-009495
Khangarot, B. S.
71-010981
Khariton, V. Yu.
71-003912
Khattat, F. H.
71-010982
Khawaja, D. K.
71-003140
Khlebovich, V. V.
71-003233
71-004519
Khoo, K. H.
71-001009
71-003234
71-003235
Khouri, J.
71-006205
Khrennikov, V. V.
71-007242
Khuda-Bukhsh, A. R.
71-004664
Khung, N. M.
71-002786
Khuzin, R. Sh.
71-000581
Khvoles, A. G.
71-010983
Kibbe, D. P.
71-011646
Kiceniuk, J.
71-002281
Kiceniuk, J. W.
71-002608
71-003236
71-003237
71-010801
71-010984
71-011225
Kiefling, J. W.
71-005680
Kieser, D.
71-008965
Kijima, A.
71-004665
Kikuchi, S.
71-001669
Kikuchi, T.
71-003238
71-004460
71-010239
Kikuchi, W. K.
71-000104
Kilambi, R. V.
71-000050

.. CONTINUED...
Kilambi, R. V.
71-000105
71-000298
71-000412
71-000491
71-000783
71-003239
71-005681
71-006165
71-006168
71-007516
71-007569
71-008974
Kilgen, R. H.
71-001260
71-008363
Kilistoff, J.
71-009470
Kim, D. A.
71-012554
Kim, H. D.
71-002930
71-003118
71-003119
71-003240
71-003241
Kim, J. H.
71-010879
71-010985
Kim, Y. J.
71-004627
71-004629
Kim, Y. S.
71-003242
Kimball, G. L.
71-010986
71-011389
71-011390
71-011392
Kimball, K. T.
71-013370
Kimbrell, C. A.
71-005659
Kime, D. E.
71-002970
71-003243
71-003244
71-003245
71-003246
71-003247
71-003248
71-003249
Kimmel, C. B.
71-003250
Kimmel, R. J.
71-003250
Kimmerer, W. J.
71-013234
Kimura, D. K.
71-007517
71-007518
71-007519
71-012555
71-012769
Kimura, H.
71-009133
71-009138
Kimura, I.
71-002926
71-003251
Kimura, M.
71-007606
Kimura, S.
71-003252
71-003253
71-003278
71-011017
Kimura, T.
71-008975
71-009134
Kincaid, H. L.
71-000213
71-000214
71-001010
71-004666
71-004667
71-004668
71-007520
Kinch, J. C.
71-007029
Kincheloe, J. W.
71-010987
Kindschi, G. A.
71-005656
71-005682
King, C. L.
71-004944
King, D. J.
71-008329
King, D. M.
71-013235
King, E. L., Jr.
71-011607
King, J. M.
71-010236
King, K.
71-013159
King, L. R.
71-011890
71-011891
King, M. J.
71-002711
71-002712
71-010801
King, P. A.
71-003254
71-003255
71-007030
King, P. E.
71-000649
71-003991
71-003992
71-003993
71-003994
71-006504
King, T. A.
71-006015
71-007617
71-008364
King, T. R.
71-012177
Kingsbury, A.
71-006016
Kingsbury, A. P.
71-010522
Kingsley, M. C. S.
71-007056
71-007521
Kingston, D. I.
71-005141
71-008643
Kinkade, M. L.
71-010988
Kinne, R.
71-002657
Kinney, P. J.
71-001050
Kinoshita, T.
71-004669
71-004670
Kinter, W. B.
71-003199
71-003444
71-003546
Kinunen, W.
71-000215
Kipling, C.
71-005939
71-006025
71-007453
71-007522
Kira, S.
71-010333
Kirakake, T.
71-000608
Kirby, A. M., Jr.
71-001022
Kirby, G. E.
71-000020
Kirby, R. F.
71-004671
Kirch, W. E.
71-012259
Kircheis, F. W.
71-005683
71-006673
Kirchner, W. B.
71-001108
Kirilenko, N. S.
71-003256
Kirillov, A. F.
71-005684
Kirk, B. L.
71-006142
Kirk, R. G.
71-000609
Kirk, W. L.
71-002067
71-003257
71-010490
Kirka, A.
71-006017
71-013078
Kirkland, L. A.
71-011658
Kirmse, P.
71-009311
71-009313
71-009314
71-009315
Kirmse, P. D.
71-009312
Kirohara, S.
71-002974
Kirsch, R.
71-002458
71-003657
Kirschbaum, F.
71-001670
71-001776
71-001777
71-002934
71-003258
71-004384
71-004385
71-006353
Kirschner, L. B.
71-003259
Kirton, M. P.
71-011164
Kiseleva, S. G.
71-003304
Kishino, T.
71-010997
Kislalioglu, M.
71-007031
71-007032
71-007033
Kiss, R.
71-007978
Kissil, G. W.
71-000810
71-009004
71-009443
Kitahara, T.
71-003260
71-012556
Kitajima, C.
71-000769
71-000784
71-000785
71-000786
71-000934
71-000935
71-000936
71-000937
71-000938
Kitao, T.
71-009135
Kitay, D. S.
71-003261
Kitayama, S.
71-010484
Kitchel, M. A.
71-005263
Kitchell, J. F.
71-004408
71-005685
71-007034
71-007261
71-007523
71-008223
Kitchin, R. M.
71-004695
Kitoh, J.
71-001671
Kitson, G. W.
71-000920
Kiyashko, V. I.
71-003262
Kiyohara, S.
71-001671
71-005120
Kjelson, M. A.
71-007035
71-012557
71-012558
Klaassen, H. E.
71-010989
Klar, G. T.
71-002308
71-003263
71-003264
71-004551
71-004672
71-008644
Klauda, R. J.
71-005142
71-009931
Klaunig, J.
71-010760
71-010991
Klaunig, J. E.
71-008960
71-010990
71-011050
Klaus, D.
71-003978
Klausewitz, W.
71-007879
71-007979
Klaverkamp, J. F.
71-003002
71-010992
71-011049
71-011076
Klawe, W.
71-005672
Klawe, W. L.
71-008645
Kleckner, A. L.
71-009202
Kleckner, R. C.
71-001672
71-003265
Kleerekoper, H.
71-010993
71-011267
Klein, C.
71-001673
71-003266
Klein, M. L.
71-010272
Klein, R. M.
71-005005
71-005143
Klein, W. D.
71-012423
71-012424
71-012868
Kleiner, C. F.
71-003513
71-008352
Kleinzeller, A.
71-003267
Klement, A. W., Jr.
71-013453
Klemmer, H. W.
71-010237
Klessig, L.
71-012870
Klessig, L. L.
71-012869
Kliever, R. G.
71-009705
Kligerman, A. D.
71-004673
Klimov, V. I.
71-004589
Klimova, V. L.
71-007036
Klimstra, W. D.
71-011799
Kline, K. F.
71-003268
Kling, H.
71-000155
Klingbeil, R. A.
71-006354
Klinger, H.
71-003783
Klitgaard, T.
71-001674
Klodowski, H. F.
71-001645
Klontz, G. W.
71-011681
Klopfenstein, D.
71-000413
71-000414
Klopfenstein. I.
71-000413
71-000414
Kloppel, T. M.
71-001409
Klose, P.
71-011941
Klose, P. N.
71-010238
Klupp, R.
71-000216
71-004674
Klyashtorin, L. B.
71-003269
71-003270
71-003271
71-003272
71-003273
71-004477
71-004478
Klyukanov, V. A.
71-008646
Kmiotek, S.
71-012958
Knaggs, E. H.
71-007980
Knauer, D. R.
71-012902
Knauf, W.
71-010994
Knecht, R. W.
71-013131
Kneib, R. T.
71-003274
71-005686
71-005687
71-007266
Kneip, T. J.
71-010793
Knezevic, B.
71-006840
71-007034
71-007261
71-007981
Knight, A. E.
71-012335
Knight, A. W.
71-001274
Knight, P. J.
71-003275
Knight, R. L.
71-010820
Knight, S. A.
71-009269
71-009316
Knittel, M. D.
71-009423
71-009424
Knopf, R. C.
71-012142
Knott, D. M.
71-012101
Knowles, C. O.
71-010995
Knowles, G.
71-010558
Knox, D.
71-009927
Knox, R. F.
71-007982
Knuckles, J. L.
71-009743
Knudsen, E.
71-011896
Knudsen, E. E.
71-007524
Knudsen, E. I.
71-003276
Knudtson, B. K.
71-005144
Knutzen, J. A.
71-012084
Knyazeva, L. M.
71-000837
Ko, R. C.
71-009744
Kobashi, K.
71-003134
71-003135
71-003136
Kobatake, Y.
71-004485
Kobayashi, A.
71-000212
71-005673
Kobayashi, H.
71-002236
71-002992
71-004174
71-004453
Kobayashi, K.
71-003277
71-003278

...CONTINUED...
Kobayashi, K.
71-005846
71-010996
71-010997
71-010998
Kobayashi, N.
71-004351
Kobayashi, R.
71-010239
Kobayashi, S.
71-002042
Kobayashi, T.
71-005688
71-006355
Kobayasi, H.
71-004675
71-004676
71-004694
71-004784
Koblitskaya, A. F.
71-006356
Kobylinski, G. J.
71-005689
71-010999
71-013135
Kocan, R. M.
71-011000
Koch, D. L.
71-004291
71-010987
71-013489
Koch, E.
71-008912
Koch, E. A.
71-004102
Koch, H. J.
71-003279
Koch, R. B.
71-010751
71-011548
Kochanov, B. T.
71-012979
Kochkin, P. N.
71-001675
Kochman, E.
71-005921
Kock, K.-H.
71-000610
Kocsis, J. J.
71-002645
Kodric-Brown, A.
71-005145
71-006357
Koefoed, J. H.
71-002967
Koehl, D. H.
71-001035
Koehn, R. K.
71-004679
Koeller, P.
71-011001
Koenig, C. C.
71-003280
Koenst, W. M.
71-003281
71-011389
71-011390
Koepp, S.
71-010760
71-010991
Koepp, S. J.
71-008179
Koerker, D. J.
71-004120
Koester, D. M.
71-001676
Koestler, R. J.
71-005523
Koestler, V. R.
71-005523
Kogan, A. V.
71-007037
71-007038
71-007039
Kogl, D.
71-001050
Kogut, E.
71-002245
Kohga, K.
71-003039
71-003625
71-009120
Kohler, A. C.
71-006030
71-007983
Kohler, C. C.
71-007040
71-012559
71-013079
Kohlhorst, D. W.
71-006358
71-007525
71-012336
Kohneshahri, M.
71-009621
Kohno, S.
71-008234
Koidsumi, K.
71-010240
71-010241
Koike, T.
71-000438
71-000439
Koizumi, C.
71-004315
71-004316
71-004317
Kojima, H.
71-006018

...CONTINUED...
Kojima, H.
71-007637
71-007984
71-009227
Kok, H. M.
71-007985
71-008647
Kokes, J.
71-007041
71-007042
Kokh, Kh.
71-007608
Kokhnenko, V. A.
71-000415
Kokova, V. Ye.
71-007043
Kol'gayev, A. M.
71-011560
Kolar, D. J.
71-010315
71-011440
Kolasinski, P.
71-000883
Kolb, J. W.
71-007526
Kolbing, A.
71-012560
Kolenosky, D. P.
71-012178
71-012710
Koli, A. K.
71-010242
71-010243
71-011002
Kollig, H. P.
71-010200
Kolomin, Yu. M.
71-005690
Kolot, G. S.
71-009041
Kolupayev, B. I.
71-010972
Kolupayev, V. I.
71-010569
Komada, N.
71-001677
71-001678
71-001679
Komarov, I. P.
71-006652
Komarov, P. V.
71-006652
Komatsu, I.
71-009139
71-009142
Koment, R. W.
71-009428
71-009429
Komoi, I.
71-004157
Komourdjian, M. P.
71-003282
71-003283
71-003284
71-003285
71-003286
71-009317
Konagaya, T.
71-005146
71-005147
71-005148
Konar, S. K.
71-010523
Konchina, Yu. V.
71-005691
71-007044
71-007986
Kondjurin, V. V.
71-008648
Kondo, H.
71-002944
Kondo, N.
71-004838
Kondo, Y.
71-012554
Kondrat'yev, A. K.
71-003287
Kondyurin, V. V.
71-001817
71-008700
Kono, I.
71-005104
Kono, M.
71-002923
71-003288
71-003289
Konopacky, R.
71-012296
Konosu, S.
71-003290
71-004349
Konovalov, Yu. D.
71-003291
Konstantinov, A. S.
71-000787
71-013080
Konstantinov, K. G.
71-007987
71-012337
Konstantinova, N. G.
71-005149
Kontsevaya, N. Ya.
71-001680
Kontson, A.
71-010974
Koo, T. S. Y.
71-001681
71-003979
Koonce, J. F.
71-006108

...CONTINUED...
Koonce, J. F.
71-006109
71-008366
Koonce, K. L.
71-011261
Koons, R. R.
71-004203
Koops, H.
71-000684
71-000788
71-000789
71-000919
Koosman, V. W.
71-001225
Kooyman, A. H.
71-005952
71-006870
Kopperman, H. L.
71-010248
Kopylova, T. V.
71-007019
Korda, R. J.
71-010244
Koreshkova, N. D.
71-001869
Kormanik, G. A.
71-002653
71-003292
71-003293
Kormilin, V. V.
71-004677
71-006359
Korn, S.
71-010596
71-010775
71-011003
71-011004
71-011157
Kornegay, J. W.
71-006360
Korneliussen, H.
71-001936
Kornfield, I. L.
71-004678
71-004679
Korniyenko, G. G.
71-000313
71-003294
Korobko, Yu. A.
71-010983
Korovin, V. A.
71-003295
Korovina, V. M.
71-001682
71-001683
71-001684
Korsgaard-Emmersen, B.
71-003940
Korsgaard, B.
71-002642
71-003296
Korting, W.
71-009745
Kortmulder, K.
71-005556
71-006851
71-007988
Koryakov, Ye. A.
71-007989
Kosaka, M.
71-000611
Kosakoski, G. J.
71-010161
Koschier, F. J.
71-011005
Koski, K. V.
71-008367
Koski, R. O.
71-012474
Koski, R. T.
71-007527
Koskova, L. A.
71-005692
Koslow, J. A.
71-007045
Kostecki, P. T.
71-011377
Kostyuchenko, V. A.
71-008310
Kotake, N.
71-009141
Kotlyar, A. N.
71-001685
71-008649
71-008781
Kotov, A. M.
71-003297
Kotrschal, K.
71-006933
Kott, E.
71-004680
71-007990
71-007991
71-008845
71-008846
71-008847
71-008848
71-008849
Kou, G.-H.
71-009136
71-009577
71-009578
Koundinya, P. R.
71-011006
Kouno, K.
71-008970
71-009131
Koureas, D. D.
71-002697

Kovalak, W. P.
71-001226
71-001227
Kovalev, P. M.
71-005693
Kovalev, S. M.
71-006279
Kovaleva, G. I.
71-011109
Kovalevskaya, N. V.
71-001686
71-008650
Kovaljova, A. A.
71-009644
71-009746
Kovtun, I. F.
71-005694
71-006019
71-006058
71-006361
Kowalski, K. T.
71-003298
71-011349
Kowarsky, J.
71-007992
Kowtal, G. V.
71-000318
71-000319
71-000704
71-006020
71-006362
Koyama, J.
71-010928
71-011007
71-011008
71-011009
71-011010
Koyanagi, T.
71-003624
Koz'min, Yu. A.
71-011724
Kozak, B.
71-000717
Kozel, T. R.
71-003299
71-009318
71-009319
Kozlov, V. I.
71-004681
Kozlova, M. F.
71-007046
Kozlowski, L. J.
71-006363
Kozopas, R.
71-012690
Kraft, K. J.
71-010245
Kral, K.
71-013081
Kral, R. E.
71-004303
Kramer, B.
71-005150
71-005151
Kramer, D.
71-002240
71-007555
Kramer, D. L.
71-002845
71-003300
71-003301
71-003302
71-006364
Kramer, H. J.
71-011011
Kramer, J. M.
71-011221
Kranck, K.
71-001109
Kranz, H.
71-009747
Kranz, V.
71-008274
Kranz, V. R.
71-001687
Krasichkova, O. N.
71-006509
Krasnodembskaya, K. D.
71-003303
Krasnowski, P.
71-004633
Krasnowski, P. V.
71-001424
Krasny, E. J., Jr.
71-002653
Krassenstein, R. C.
71-005152
Krasznai, Z.
71-004620
71-004700
Krater, S.
71-007157
Kratochvil, H.
71-005153
71-005154
Kratt, L. F.
71-001688
71-005155
71-005156
71-009997
Kraus, M. G.
71-011973
Kraus, R. A.
71-011501
Krause, R. A.
71-005695
Krauskopf, M.
71-002143

CONTINUED...
Krauskopf, M.
71-004517
Krautgartner, W.-D.
71-006933
Kravitz, M. J.
71-007047
Krayushkina, L. S.
71-003304
71-003305
71-003306
71-003629
Krcal, J.
71-013086
Krcma, R. F.
71-012615
Krebs, C. T.
71-010246
Krebs, F.
71-003307
71-003308
Krees, R.
71-010870
Krefft, G.
71-007902
71-007993
71-008651
Kremer, P. M.
71-007163
Krenz, W. D.
71-003309
Kreutzberg, G. W.
71-001689
Kreutzmann, H.-L.
71-009029
71-011012
Kreuzer, F.
71-002309
Kriebel, R. M.
71-003310
Kriete, W. H.
71-008060
Kriete, W. H., Jr.
71-006653
71-012327
Kriksunov, E. A.
71-012770
Kriksunov, Ye. A.
71-008365
Krishnamoorthi, B.
71-006021
71-007528
71-007994
Krishnamoorthi, K. P.
71-000416
Krishnamoorthy, R. V.
71-003311
Krishnayya, C. G.
71-007529
Kristensen, J.
71-007995
71-007996
Kristiansson, A. C.
71-004682
Kristmanson, D. D.
71-001292
Kristoffersson, R.
71-011200
Kritsky, D. C.
71-009728
71-009748
71-009749
Krivobok, M. N.
71-003312
Krivtsov, Yu. M.
71-005157
Krizek, R. J.
71-011975
Kroesbergen, G.
71-002312
Krogdahl, A.
71-000896
Krogius, F. V.
71-006022
71-008368
Krokhin, Ye. M.
71-008368
Kromrey, G.
71-010247
Kruchinin, O. N.
71-005249
Kruckenberg, W. L.
71-006763
Krueger, C. C.
71-012425
Krug, L. C.
71-005524
Kruger, R. F.
71-012260
Kruger, R. L.
71-003313
Krumholz, L. A.
71-001913
71-007595
Krupitskiy, Yu. G.
71-007997
Krupkin, V. Z.
71-003333
Kruse, G. O. W.
71-009750
71-009751
71-009752
71-009753
Kruse, K. C.
71-007048
Kruzynski, G. M.
71-011013
Krygier, E. E.
71-003314
Krykhtin, K. L.
71-008369
Krykhtin, M. L.
71-001690
71-007530
Krylov, V. V.
71-012771
Kryvi, H.
71-001691
71-001692
71-001693
71-001818
71-001969
71-003315
71-004229
71-004230
Kryzhtin, M. L.
71-003316
Krzeminski, S. F.
71-011014
71-011070
Krzynowek, J.
71-010162
Kubb, R. N.
71-003317
71-003318
Kubicek, P. F.
71-012959
Kubo, T.
71-003557
71-003558
71-005226
71-005696
Kubota, M.
71-003252
71-003253
Kubota, T.
71-001694
Kucera, P. A.
71-006350
71-006365
71-013382
Kucherova, F. N.
71-003319
Kuchnow, K. P.
71-001011
71-003320
Kudo, Y.
71-003186
71-004245
Kudoh, S.
71-003321
Kuehl, D. W.
71-010248
71-010474
Kuenzler, E. J.
71-011976
71-011977
Kuettner, C.
71-003752
Kuga, T. I.
71-006366
71-007531
Kuhl, P.
71-004597
Kuhlmann, D.
71-013409
Kuhn, C.
71-010699
Kuhn, D. L.
71-013383
Kuhnert, B. R.
71-011015
Kuhnert, P. M.
71-011015
Kuittinen, E.
71-009922
71-009923
71-009924
71-009925
Kujala, G. A.
71-003322
Kuklin, A. A.
71-006367
Kukowski, G. E.
71-007998
71-007999
Kukuradze, A. M.
71-005697
71-006368
71-007049
Kukushkina, N. A.
71-001695
Kulczycki, G. R.
71-012523
Kulikov, N. V.
71-003323
71-011016
Kulikova, N. I.
71-005250
Kulikova, V. G.
71-003323
Kuljis, A.
71-000613
Kulkarni, C. V.
71-000417
71-000961
71-005698
Kulkarni, G. M.
71-001696
Kullander, S. O.
71-008000
71-008652
Kulp, K. P.
71-007707
Kulshreshtha, S. D.
71-001697
Kumada, H.
71-011017
Kumagai, H.
71-003324
71-010249
71-011018
71-011019
Kumagai, S.
71-000429
Kumai, H.
71-000612
Kumar, D.
71-000070
Kumar, K.
71-000406
71-000889
Kumari, A.
71-009658
Kumari, S. D. R.
71-001698
71-003325
71-003326
Kumpf, H. E.
71-010250
Kunin, M. A.
71-007532
Kunjipalu, K. K.
71-007533
Kunkel, C. M.
71-011061
Kunnemann, H.
71-001153
71-003327
71-003328
Kunnemann, M.
71-002201
Kuntz, B.
71-011978
71-012828
Kunz, Y. W.
71-002073
Kunze, J.
71-003329
Kunze, J. S.
71-005158
Kuo, C.-M.
71-000418
71-003330
71-003628
71-006369
Kuo, J.
71-002390
Kuo, P. K.
71-004600
71-012249
Kuo, S.-C.
71-009136
Kuperman, B. I.
71-007050
Kupriyanov, V. S.
71-005053
Kuragina, G. N.
71-006684
Kurbatov, B. V.
71-001699
Kureishy, T. W.
71-010251
Kurelec, B.
71-011020
Kurenkov, I. I.
71-013236
Kurenkov, S. I.
71-005699
Kurihara, K.
71-004485
Kuris, A.
71-006248
Kuroki, T.
71-005159
71-005257
71-012042
71-012298
71-013276
Kuronuma, K.
71-006654
Kurz, B. J.
71-004715
Kusaka, T.
71-007463
71-007464
Kushlan, J. A.
71-008370
Kushnarenko, A. I.
71-008371
71-012261
71-012561
Kusler, J. A.
71-011711
Kusto, E.
71-003759
71-010353
Kusuda, R.
71-009127
71-009128
71-009129
71-009133
71-009137
71-009138
71-009139
71-009140
71-009141
71-009142
Kutty, M. N.
71-000106
71-003331
71-003332
Kutuzov, A. M.
71-006370
71-006371
Kuz'min, A. N.
71-003333
Kuz'mina, V. V.
71-003334
71-003335
71-003336
71-003337
71-003338
71-004308
Kuzia, E. J.
71-009754
Kuznetsov, A. A.
71-002830
Kuznetsov, V. A.
71-005700
71-006372
71-006373
71-008372
71-008373
71-012960
Kuznetsov, Ye. A.
71-007051
Kvavilashvili, I. Sh.
71-003912
Kwain, W.
71-005160
Kwain, W.-H.
71-006374
Kwasnik, J. F. S.
71-011021
Kwei, E. A.
71-005701
Kwiatkowski, R. E.
71-001354
Kyazimov, I. B.
71-000217
Kyle, A. L.
71-003339
Kynard, B.
71-002496
71-004683
Kynard, B. E
71-006375
71-006376
71-008374
L'vova, T. G.
71-003233
Laale, H.
71-003340
71-003374
Laale, H. W.
71-001700
71-001701
71-005702
Laarman, P. W.
71-004684
71-011022
71-012299
71-012562
LaBar, G. W.
71-005665
71-006458
71-006616
71-006655
71-006673
Labat, R.
71-010252
Labauch, J. W.
71-011979
LaBaugh, J.
71-001355
Labisky, R. F.
71-011799
LaBolle, L. D., Jr.
71-013030
LaBounty, J. F.
71-001069
71-001070
71-001071
71-001083
71-001084
71-001228
71-011980
71-011981
Laburthe, M.
71-002739
Lacewell, R. D.
71-000378
Lacher, M.
71-000311
Lachner, E. A.
71-008685
Lackey, R. T.
71-005097
71-011640
71-011682
71-011683
71-011778
71-011800
71-011801
71-012162
71-012727
71-012728
71-012754
71-012764
71-012792
71-012826
Lacroix, G.
71-005926
Lacy, J. C.
71-013486
71-013499
Laerm, J.
71-001702
Lagace, A.
71-009415
Lagasse, J. P.
71-000218
Lagios, M. D.
71-003341

...CONTINUED...
Lagios, M. D.
71-003342
71-005739
71-009437
LaGrone, F. S.
71-013499
LaHam, Q. N.
71-011186
Lahav, M.
71-000706
71-002433
Lahaye, J.
71-005161
Lahlou, B.
71-002734
Lahman, M.
71-000547
Laidler, L. A.
71-009143
Laing, I.
71-001003
71-001012
Laird, B. L.
71-013136
Laird, L. M.
71-003343
Laist, D.
71-013237
Lal Mohan, R. S.
71-001703
Lal, K.
71-000613
71-012179
Lalancette, L.-M.
71-005703
71-005704
71-007052
Lall, S. P.
71-000790
Lallier, F.
71-001736
Lam, D. C. L.
71-001056
71-001139
71-001154
71-001155
Lam, T. J.
71-000419
71-003344
71-003345
71-003346
71-003728
Lamar, E. A.
71-011948
Lamarra, V. A.
71-012871
Lamb, B. L.
71-011982
71-011983
71-012961
Lamb, K. P.
71-010253
Lambert, A.
71-009755
71-009756
Lambert, J. G. D.
71-003347
71-003348
71-003791
71-004262
71-004267
Lambert, Y.
71-007053
Lambertsen, G.
71-002667
Lamborn, K. R.
71-010300
Lambou, V. W.
71-001369
Lamers, A. P. M.
71-004272
Lamers, C. H. J.
71-003902
Lametschwandtner, A.
71-001379
71-001883
Laming, P. R.
71-003349
71-005162
Lamoureux, P.
71-005926
Lampert, W.
71-003350
Lamperti, L. P.
71-011025
71-011026
Lamson, N.
71-012198
Lanchester, B. S.
71-007054
Lancraft, T. M.
71-012563
Landau, J. L.
71-012962
Landau, R.
71-006023
71-006934
71-007534
Lande, R.
71-007055
Landers, J. D., Jr.
71-010168
Landless, P. J.
71-000107
71-000219
71-000614
Landner, L.
71-010254
Landolt, J. C.
71-001704
Landolt, M.
71-009302
71-009434
Landolt, M. L.
71-011000
Landreth, G. E.
71-003351
Landrey, S. R.
71-003352
Landry, A. M., Jr.
71-010255
71-012488
Landry, G.
71-010812
Landry, J. L.
71-011684
Lane, E. B.
71-001705
Lane, E. D.
71-001110
71-006605
71-007056
71-008001
Lane, H. C.
71-002567
71-003353
71-003354
71-003355
71-003356
71-004357
Lane, J. P.
71-005705
Lang, B. Z.
71-008976
Lang, M.
71-009303
Lang, S.
71-002260
Langaroodi, F. A.
71-010185
Lange, G. D.
71-002694
Lange, M. D.
71-013245
Lange, R. H.
71-001706
Langer, M.
71-003357
Langford, F.
71-000546
Langford, F. H.
71-006024
Langford, T. E.
71-012493
Langner, G.
71-003358
Langton, R. W.
71-005744
71-007057
Lanier, J. A.
71-000108
Lanigham, M. C.
71-010256
Lankester, M. W.
71-005574
71-009757
Lannan, C. N.
71-008935
Lannan, J. E.
71-009144
Lantz, K.
71-002350
Lantz, K. E.
71-006656
Lanza, J.
71-004685
Lanzing, W. J. R.
71-003359
71-003360
71-005163
Laparra, J.
71-003792
Lapchin, L.
71-001229
71-001230
Lapenas, G. N.
71-003361
71-003362
Lapeyre, M. V.
71-001719
Lapin, V. I.
71-003363
71-003364
71-003365
Lapin, Yu. Ye.
71-004686
Lapina, N. N.
71-003366
71-003367
Lapkin, V. V.
71-005164
LaPlace, J. A.
71-012590
Laptev, M. I.
71-000165
Larcombe, R. A.
71-002173
Larimore, R. W.
71-008375
Lark, J. G. I.
71-000155
Larkin, P.
71-011687
Larkin, P. A.
71-001980
71-006706
...CONTINUED...
Larkin, P. A.
71-006926
71-010934
71-011685
71-011686
71-013238
Laroche, J. L.
71-006413
Laroche, W. A.
71-001707
71-001916
71-008653
LaRow, E. J.
71-001320
Larrick, S. R.
71-010080
71-010257
71-010697
71-010698
Larsen, D. P.
71-001156
Larsen, E. M.
71-010244
Larsen, H. L.
71-006634
Larsen, J. B.
71-002630
Larsen, J. L.
71-009145
Larsen, K.
71-008376
Larsen, L. O.
71-003368
Larson, D. W.
71-011023
Larson, G. L.
71-001074
71-005706
71-011024
71-011025
71-011026
Larson, H. K.
71-008654
Larson, L. E.
71-012704
Larson, P.
71-006016
Larson, R.
71-012937
Larson, R. E.
71-002813
71-011343
Larson, R. J.
71-001737
71-005165
Larson, W. L.
71-005463
Larsson, A.
71-002513
71-002514
71-002515
71-002666
71-003162
71-003369
71-003370
71-003416
71-010950
71-010951
Larsson, B.
71-001033
Lasenby, D. C.
71-001157
Lasheen, M. R. M. W.
71-001158
Lashnits, D.
71-011984
Lasker, R.
71-000613
71-007401
71-008377
71-012827
Lasserre, P.
71-002271
71-002772
71-002773
71-002911
71-003371
Lasswell, J. L.
71-000556
71-000557
71-000586
71-000615
71-005051
71-012426
Latey, A. N.
71-003859
71-011027
Latif, A. F. A.
71-008378
Latta, W. C.
71-012872
Lattimore, R. E.
71-010258
Laudencia, I. L.
71-000354
Lauder, G. V.
71-007058
Lauder, G. V., Jr.
71-001708
71-001709
71-001710
Laudien, H.
71-005166
71-006377
Lauenstein, P. C.
71-000420
Laughlin, D. R.
71-005167
...CONTINUED...
Laughlin, D. R.
71-005446
Launer, C. A.
71-000791
71-011590
Laurence, G. C.
71-007059
71-007060
71-007387
71-007535
71-007536
71-008379
Laurent, M.
71-010259
Laurent, P.
71-001516
71-001711
71-001712
Laurs, R. M.
71-002137
71-006657
71-006658
71-012338
Lauver, A. V.
71-011028
LaValle, P. D.
71-010403
Lavallee, C. S.
71-010426
Lavie, V.
71-003842
Lavina, E.
71-001037
Laviolette, J. R.
71-005304
Lavrova, Ye. A.
71-003372
71-003373
71-003629
71-003630
Law, D. K.
71-000941
Law, F. C. P.
71-010540
71-010727
Law, P. Y.-H.
71-003340
71-003374
Law, W. M.
71-003375
Law, Y. M. C.
71-010865
Lawler, A. R.
71-009430
Lawrence, J. M.
71-000536
71-008336
Lawrence, W. M.
71-012873
71-013239
Lawrie, A. H.
71-012874
Laws, R. M.
71-013253
Laws, S. T.
71-012187
Lawson, C. S.
71-012875
Lawton, R. P.
71-007844
Lay, B.
71-011558
Layzer, J. B.
71-007061
71-012335
71-012689
Lazarev, S. G.
71-003198
Lazareva, L. P.
71-000421
Lazarus, S.
71-008461
Lazurus, S.
71-006378
Le Berre, M.
71-009409
71-009410
71-009442
Le Bras, Y. M.
71-003376
Le Cabellec, M.-T.
71-001713
71-005139
Le Cren, E. D.
71-005939
71-006025
Le Gal, Y.
71-002739
Le Lannic, J.
71-007366
Le Maire, M.
71-002566
Le Menn, F.
71-003377
71-003378
Le Roux Fourie, F.
71-000960
Lea, R. N.
71-005517
71-008761
Leach, G. J.
71-003379
71-003380
71-003381
71-006542
71-006543
Leach, J. H.
71-001056

...CONTINUED...
Leach, J. H.
71-006101
71-007809
71-008360
71-008380
71-008413
71-012376
Leahy, J. R.
71-010544
Leaman, B. M.
71-012339
71-012555
Leaney, A. J.
71-013132
Lear, W. H.
71-004687
71-006026
71-006379
Leary, D. F.
71-006380
Leary, R.
71-004653
Leatherland, J. F.
71-003382
71-003383
71-003384
71-003385
71-003386
71-003387
71-003388
71-003389
71-003549
71-003550
71-003551
71-004009
71-004010
71-004085
71-009810
71-009933
71-011029
71-011030
71-011031
Lebedev, V. G.
71-006381
71-007537
Lebedeva, N. Ye.
71-003390
71-003391
71-003392
LeBlanc, R.
71-013240
LeBrasseur, R. J.
71-012653
Lebsack, M. E.
71-010566
71-011032
Lech, J. J.
71-002637
71-010773
71-010823
71-010824
71-010843
71-010845
71-010846
71-011135
71-011136
71-011137
71-011138
71-011139
71-011421
71-011422
71-011423
Lechene, C.
71-004127
Leclerc, J.
71-006027
71-006659
71-012564
Ledbetter, M.
71-013213
Lederis, K.
71-002810
Ledgerwood, R. D.
71-000422
LeDrew, B. R.
71-005707
Leduc, G.
71-011033
71-011300
Lee, A. S.
71-005301
Lee, D. J.
71-010632
Lee, D. P.
71-012427
Lee, D. R.
71-010657
71-011034
Lee, D. S.
71-007853
71-008002
Lee, G. F.
71-001080
71-010171
71-010278
71-010400
71-011591
71-011985
Lee, J.
71-004498
71-009670
71-009671
Lee, J. C.
71-009019
Lee, J. H.
71-011035
Lee, R.
71-002797

...CONTINUED...
Lee, R.
71-006282
Lee, R. F.
71-009758
Lee, R. L. G.
71-005708
Lee, R. M.
71-002796
Lee, R. S.
71-009348
Leech, A. R.
71-003393
Leedy, D. L.
71-011986
71-011987
Leeth, B. D.
71-004377
Lefebvre, L.
71-004976
71-005168
Leffler, C. W.
71-003660
Legasto, R. M.
71-008003
Legendre, P.
71-003394
71-008004
Legendre, V.
71-005720
Leger, C.
71-000802
71-002780
71-002781
71-003395
71-003396
71-003397
Leggett, R. L.
71-011688
71-011689
Leggett, W. C.
71-000823
71-001201
71-003398
71-004787
71-005423
71-005522
71-006057
71-006382
71-006581
71-006618
71-006638
71-006660
71-007142
71-007372
71-008339
Legner, E. F.
71-007321
71-012326
LeGrande, W.
71-000993
LeGrande, W. H.
71-004688
71-004689
71-004690
Lehman, L.
71-007486
Lehmitz, R.
71-000792
Lehmkuhl, D. M.
71-001231
Lehner, C. E.
71-006546
71-008005
Lehtinen, K.-J.
71-011036
Lehtinen, S.
71-006383
Lehtinen, S. F.
71-006259
Lehtonen, H.
71-006028
71-012180
71-012181
Lehtonen, P. B.
71-008006
Leibel, W. S.
71-004691
Leibovitz, L.
71-011108
Leiby, M. M.
71-001714
71-001970
Leiby, P. D.
71-009749
Leider, S. A.
71-002486
71-004571
Leidy, G. R.
71-012772
Leino, R. L.
71-001715
71-001716
71-009431
Leis, J. M.
71-003399
71-008656
Leisman, G.
71-003400
Leistritz, F. L.
71-010260
Leith, D. A.
71-000109
71-000218
Leithiser, R. M.
71-008007
71-012565
Leitner, P.
71-011988
Leitritz, E.
71-000220

Leitzell, T. L.
71-013241
Leknes, I. L.
71-001717
Leland, H. V.
71-011037
Lellak, J.
71-000423
Lema, T. de
71-008008
Lemanova, N. A.
71-012700
Lembeck, M. E.
71-012388
Lembi, C. A.
71-000021
71-000022
Lemke, A. E.
71-007538
71-010883
71-011038
71-013384
Lemm, C. A.
71-000245
71-000859
71-000860
Lemoine, H. L.
71-000259
Lemon, D. W.
71-001013
Lenanton, R. C. J.
71-006384
71-008009
71-008010
71-012182
71-012183
71-013133
Lenarz, W. H.
71-012307
71-012338
71-013217
71-013242
Lenat, D. R.
71-010261
Lenhart, T. E.
71-010363
Lennon, R. E.
71-012963
Lenny, J. F.
71-003401
Lenon, H. L.
71-007072
Lenzini, P. A.
71-011690
Leon, K. A.
71-000221
Leonard, E. N.
71-010595
71-010913
71-010914
71-011411
Leonard, J. M.
71-001062
Leonard, R. L.
71-013499
Leong, J. C.
71-009420
71-009422
Leong, R.
71-000616
Leontovyc, I.
71-007539
Leopold, M.
71-011691
Leppakoski, E. J.
71-010262
Leppink, J. D.
71-005738
Leprince, C.
71-003923
Leray, C.
71-002458
71-002782
71-003402
71-003403
71-009010
Leroy, R.
71-007361
71-007362
Lesel, M.
71-003405
Lesel, R.
71-003404
71-003405
71-003406
71-003923
Lesh, E. W.
71-013385
Lesiuk, T. P.
71-001718
Leslie, A. J.
71-000448
Leslie, J. K.
71-001111
71-010263
71-010264
71-012688
71-012690
Leslie, J. M.
71-003407
Leslie, R. V.
71-001111
Lessem, A. S.
71-004213
Lesseps, R.
71-003408
Lesseps, R. J.
71-001719

...CONTINUED...
Lesseps, R. J.
71-001720
Lesser, W.
71-000424
Lessman, C. A.
71-000425
Lester, J. W.
71-007917
71-007920
Lester, R.
71-001502
Lester, R. J. G.
71-003409
71-009146
71-009759
71-009760
71-009761
71-009762
Lester, T. E.
71-007918
Letch, C. A.
71-009320
71-009321
Lethbridge, R. C.
71-001721
71-001722
Letichevskiy, M. A.
71-006029
Letoublon, R.
71-002472
71-002473
Lett, P. F.
71-006030
71-007446
71-011039
Letterman, R. D.
71-010265
Leung, S. S.
71-010266
Leung, S.-Y. T.
71-010267
Leung, T. S.
71-011040
Leveille, G. A.
71-003417
Levi, E. J.
71-006689
Levin, M.
71-008977
Levine, G.
71-008978
Levine, J. S.
71-000816
Levine, M. W.
71-004006
Levine, S.
71-001326
Levine, S. D.
71-002949
Levitan, W. M.
71-006542
71-011041
Levy, E. M.
71-001144
71-001159
71-010063
71-010268
Lewander, K.
71-002513
71-002514
71-002515
71-003162
71-003416
Lewis, A. G.
71-001160
Lewis, C. A.
71-006442
Lewis, C. F. M.
71-001122
71-001123
Lewis, C. W.
71-011514
Lewis, D. B.
71-005169
Lewis, D. E.
71-011643
Lewis, D. H.
71-001468
71-001964
71-002385
71-003410
71-006463
71-009085
71-009100
71-009147
71-009683
71-009720
71-013412
Lewis, F. G.
71-013135
Lewis, F. G. III
71-011042
Lewis, G. E.
71-007062
71-007063
71-008381
Lewis, G. W.
71-000793
Lewis, J. R.
71-010645
Lewis, L. G.
71-010172
Lewis, M.
71-007540
71-011043
71-011044
71-012020
71-012024

...CONTINUED...
Lewis, M.
71-012028
71-012030
71-012034
71-012035
71-012036
71-012932
Lewis, M. A.
71-005709
71-010269
Lewis, M. J.
71-000773
71-000774
Lewis, R. A.
71-010378
Lewis, R. C.
71-000220
Lewis, R. E.
71-009322
Lewis, S.
71-006043
Lewis, S. A.
71-013046
Lewis, S. V.
71-001723
71-001724
71-003411
Lewis, T. C.
71-005710
Lewis, T. L.
71-002646
71-002647
Lewis, W. M.
71-000023
71-000110
71-000297
71-000426
71-000427
71-000428
71-000696
71-011692
Lewis, W. M., Jr.
71-010270
Lewiston, N.
71-003412
Leybush, B. N.
71-003820
Leyzerovich, Kh. A.
71-006661
Lezina, A. N.
71-000421
Li, C. H.
71-002674
Li, H.
71-006031
Li, H. W.
71-003413
71-004878
71-007064
71-012428
71-012682
71-012683
Li, M. F.
71-003414
71-009148
Li, S. K.
71-006385
71-006386
Li, W.-H.
71-004692
Li, Y.-P.
71-000797
Lian, C. G.
71-008979
Liang, Y
71-001725
Liang, Y.-S:
71-001726
Liao, D. S.
71-013243
Liao, I.-C.
71-000429
Libbey, L. M.
71-011064
Libey, G. S.
71-001004
71-006032
71-007065
71-012566
Libosvarsky, J.
71-001727
71-007541
Libouban, S.
71-004163
Lichatowich, J. A.
71-002659
71-002660
71-003166
Lichtkoppler, F.
71-012654
Liden, L. H.
71-010271
71-010847
71-011045
71-011046
71-011047
71-011048
71-011082
Lidgerding, B. C.
71-003415
Lidman, U.
71-002513
71-002514
71-002515
71-002666
71-003162
71-003416

...CONTINUED...
Lidman, U.
71-010808
Lie, S. F.
71-009738
Lie, U.
71-008011
Liebell, J.
71-000664
Lieberman, J. T.
71-005911
Lieby, M. M.
71-008655
Liem, A. J.
71-013341
Liem, K. F.
71-001728
71-001729
71-007066
71-007067
Liewes, E. W.
71-000430
Light, J. T.
71-000222
Lightly, D. T.
71-012848
Liguori, V. M.
71-008980
Likens, G. E.
71-001350
71-010133
71-010145
Lil'p, I. G.
71-002839
Liley, N. R.
71-002495
71-006451
Lillelund, K.
71-011892
Lillie, W. R.
71-011049
Lilly, A. B.
71-013490
Lilyestrom, C. G.
71-005848
Lim, C.
71-000794
71-000795
71-000796
Lim, P.
71-010252
Lim, P. Y.
71-008200
Lim, P.-E.
71-000917
Lim, T. M.
71-005213
71-007106
Lin, H.
71-003417
Lin, L.
71-003386
Lin, Y.
71-003865
Lin, Y.-S.
71-007068
Lincer, J. L.
71-010272
Lind, D. T.
71-010638
71-011390
Lind, E. A.
71-008382
Lindahl, K.
71-001730
71-002633
Lindahl, P. E.
71-005259
71-011201
Lindall, W. N., Jr.
71-013134
Lindberg, G. U.
71-011693
Lindberg, M. A.
71-011071
Linde, A. F.
71-000024
Linden, E.
71-011443
Linden, O.
71-010273
Lindenberg, J. G.
71-006662
71-011989
Linder, A. D.
71-001478
Lindmar, R.
71-004257
Lindquist, D. G.
71-001731
71-005711
71-005831
71-006033
71-006966
71-008012
71-008013
71-008014
71-008015
71-008016
Lindsay, G. J. H.
71-003418
Lindsay, J. A.
71-009763
Lindsey, C. C.
71-001718
71-003302
71-004586
71-007745
Lindstrom, K.
71-010254

Lindstrom, L. S.
71-010262
Lines, I. L.
71-013037
Linfield, R. S. J.
71-007069
71-007542
71-007543
Ling, R.
71-012314
Lingg, A. J.
71-000168
71-001062
71-009107
Link, G. W.
71-008186
Link, G. W., Jr.
71-008171
71-008414
Linko, R. R.
71-010274
Linkous, T. E.
71-005058
Linn, R.
71-011803
Linton, J. R.
71-004431
Lipovsky, S. J.
71-007237
71-011911
Lipskaya, N. Ya.
71-003419
71-006936
71-007070
Lipsky, M. M.
71-008960
71-010990
71-011050
Lipton, D. W.
71-008017
Lisk, D. J.
71-010556
71-010848
71-011108
Lisovenko, L. A.
71-006387
Liss, W. J.
71-006034
Listebarger, J. K.
71-009334
Lister, N. A.
71-011534
Liston, C. R.
71-005476
71-005508
71-013491
Little, E. E.
71-005170
Little, L. W.
71-011051
Little, R. W.
71-010275
Litvinenko, N. I.
71-008657
Litvinenko, N. N.
71-001732
Liu, R. K.
71-002010
71-004833
71-008833
Liu, S.-M.
71-004693
71-004694
Lium, R.
71-000234
Liunardo, N.
71-003420
Livesay, J. C.
71-005861
Livingston, R. J.
71-003280
71-010276
71-010720
71-010999
71-011042
71-012964
71-013135
Lizenko, Ye. I.
71-003421
71-003422
Ljungberg, O.
71-009393
Llewellyn, G. C.
71-011052
71-011428
Llewellyn, J.
71-009764
71-009769
Llewellyn, L. C.
71-009149
Llorca, M. N.
71-008383
Lloyd, R.
71-011053
71-011275
Lluch B., D.
71-013244
Lo, S. J.
71-003669
Lobel, P. S.
71-006388
71-006389
71-007071
LoBue, J.
71-004369
Loch, J. S.
71-011990
Locke, D. O.
71-012166

Locket, N. A.
71-001733
71-003423
Lockhart, L.
71-010312
Lockhart, W. L.
71-010992
71-011054
71-011055
71-011075
Lockwood, R. N.
71-012897
Lodi, E.
71-001734
Loeb, V. J.
71-006663
Loeffelman, P. H.
71-001321
71-013082
Loeng, H.
71-005951
Loesch, H. C.
71-005387
Loesch, J. G.
71-005712
Loewen, B.
71-007919
Loffelholz, K.
71-004257
Loffler, H.
71-006629
Lofts, B.
71-004183
Loftus, K. H.
71-005685
71-011694
71-011695
71-011802
Loftus, W. F.
71-003424
71-007072
Logan, A. G.
71-003425
71-003572
Logan, B. E.
71-012691
71-012692
Logan, D. T.
71-012821
Logan, W. D.
71-011991
Logan, W. T., Jr.
71-003426
Loizides, L. G.
71-000752
Loker, J. L.
71-013031
Lom, J.
71-009278
71-009279
71-009280
71-009281
Lomas, M. H.
71-012340
Lomax, P.
71-005041
Lombardi, J.
71-001735
Lombardo, P.
71-010347
Lomholt, J. P.
71-002628
71-003158
71-003229
71-003427
71-004365
Lone, K. P.
71-003428
Long, C. W.
71-000962
71-012695
Long, F.
71-006582
Long, W. L.
71-003429
Longerich, L. L.
71-003430
Longley, W. L.
71-010277
71-011992
Longval, M.
71-007073
Lonning, S.
71-002516
71-002517
71-010729
71-011056
Loos, J. J.
71-001559
Loper, B. R.
71-011061
71-011150
Lopes, G. R.
71-007724
Lopes, P. do C.
71-008018
Lopez S., M. I.
71-007773
Lopez-Roman, R.
71-009765
71-009766
Lopez-Vidriero, M. T.
71-003431
Lopez, A. M.
71-013245
Lopez, D. M.
71-009019

Lopez, E.
71-001736
Lopez, J. M.
71-010278
Lopez, J. V.
71-000431
Lord, G.
71-013386
Lord, C. E.
71-001483
71-012773
Lords, J. L.
71-010703
71-010704
Lorenc, E.
71-007577
Lorenc, J.
71-007577
Lorenz, B. D.
71-001322
71-008274
Lorenzen, M.
71-011993
Lorenzen, M. W.
71-011923
71-011924
Loretz, C. A.
71-003432
71-003433
71-003434
71-003435
Lorio, W. J.
71-011057
Lorscheider, F. L.
71-002961
Lorz, H. W.
71-011058
71-011059
71-011060
71-011061
71-011062
71-011063
71-011347
Losey, G. S., Jr.
71-005171
71-005172
Loska, P. M.
71-000444
Lotspeich, F. B.
71-001112
Lotspeich, R. A.
71-005761
Lott, M.
71-009319
71-009373
Loubens, G.
71-007556
Loucks, R. H.
71-001106
71-001121
71-012774
Loudenslager, E. J.
71-004695
71-004696
71-004697
71-004698
Lounatmaa, K.
71-009150
Loutit, M. W.
71-011223
Love, M. S.
71-001737
71-005713
71-006664
71-007074
71-009323
71-009340
71-009347
Love, P. O.
71-009767
Love, R. H.
71-013387
71-013388
71-013389
Love, R. J.
71-010313
Love, R. M.
71-001738
Loveland, P. M.
71-010885
71-011064
Loveless, C. M.
71-011803
Lovell, R. T.
71-000111
71-000112
71-000694
71-000796
71-000797
71-000798
71-000799
71-000800
Lovelock, R. L.
71-010682
Loveridge, C.
71-010622
Lovshin, L.
71-000114
Lovshin, L. L.
71-000113
Low, R. A., Jr.
71-013246
Lowe-Jinde, L.
71-009324
Lowe, G. A.
71-001739
Lowe, T. P.
71-006390
Lowery, R. S.
71-001232
Loyacano, H. A., Jr.
71-000432
71-000433
71-000440
71-000801
71-005173
71-006965
71-007645
71-009325
71-010896
71-013048
Lu, J. D.
71-000434
Lubbers, E. L.
71-013031
Lubbers, L.
71-005827
Lubbock, H. R.
71-005350
Lubbock, R.
71-005290
71-008019
71-008020
71-008658
71-008659
Lubieniecki, B.
71-009768
71-012341
Lubinski, K. S.
71-011065
Lubinsky, G.
71-009611
Lucas, H.
71-009476
Lucas, H. F., Jr.
71-010458
Lucas, K.
71-013247
Lucas, M.
71-003752
Lucey, J.
71-011465
Lucier, T.
71-007939
Luckhurst, B. E.
71-005174
71-005175
Luckhurst, K.
71-005174
71-005175
Lucking, M.
71-003175
Luckner, C. L.
71-005176
Lucu, C.
71-003809
Luebke, R. W.
71-012501
Luedtke, R. J.
71-011869
Luey, J. E.
71-011994
Lugaski, T.
71-008660
71-008661
Luk'yanenko, V. I.
71-003436
71-003630
Luker, K. W.
71-001740
Luling, K. H.
71-005714
71-005715
71-008021
71-008022
Lund, J. A.
71-011995
Lund, J. E.
71-009040
71-009151
Lund, R.
71-006391
Lund, W. A., Jr.
71-001741
71-005712
Lundberg, J. G.
71-001742
Lunde, G.
71-011443
Lunde, L. G.
71-003652
Lundstrom, R. C.
71-013336
71-013390
Lunn, C. R.
71-011066
Luoma, M. E.
71-005177
Luoma, S. N.
71-011037
71-011067
Luong-ngoc-Thuy
71-002247
Luquet, P.
71-000707
71-000708
71-000709
71-000778
71-000779
71-000802
71-002680
71-002780
71-002781
71-003208
71-003209
71-003210
71-003211
...CONTINUED...
Luquet, P.
71-003212
71-003396
71-003397
71-007186
Lusk, S.
71-011723
71-013083
71-013084
71-013085
71-013086
Lutterbie, G.
71-010620
Lutz, A.
71-010021
71-010022
71-011054
Lutz, P. L.
71-002257
71-003437
Lux, F. E.
71-013152
Luxon, P. L.
71-011539
Luzhin, B. P.
71-003577
Lwowski, E. S.
71-003438
Lyadov, V. N.
71-009863
Lyagina, T. N.
71-006392
Lyakhnovich, V. P.
71-007019
Lykkeboe, G.
71-003160
71-003439
71-004361
71-004363
71-004364
Lyman, H.
71-013248
Lynch, J. A.
71-010279
71-011996
Lynch, J. C.
71-004699
Lynch, J. T.
71-011696
Lynch, M.
71-001072
Lynch, M. P.
71-013136
Lynn, R. J.
71-006657
71-013257
Lyons, B. W.
71-000615
71-012455
71-012467
71-012501
Lysenko, N. F.
71-001743
Maack, T.
71-003444
Maas, R. P.
71-011865
Mabry, M. T.
71-011953
Mac Elwain, W.
71-005716
Mac, M. J.
71-000803
Macan, T. T.
71-000025
71-007075
MacCall, A.
71-008384
MacCall, A. D.
71-006035
71-006036
71-006076
71-006085
71-012775
MacCallum, W. R.
71-007225
MacConnell, W. P.
71-011907
MacCrimmon, H.
71-004709
MacCrimmon, H. R.
71-000921
71-005178
71-005805
71-007076
71-007077
71-007295
71-008023
71-008024
71-012342
MacDonald, C. M.
71-008662
Macdonald, P. D. M.
71-007544
Macdonald, R. D.
71-009432
71-009471
Macdonald, R. D. S.
71-013254
MacDonald, S.
71-002907
71-009764
71-009769
71-009770
71-009771
71-010865
MacDowell, L. G. III
71-012523
Mace, J. T.
71-007956
Maceina, M. J.
71-003440
71-003441
71-007619
Macek, K. J.
71-010916
71-011069
71-011070
71-011071
71-011330
Macer, C. T.
71-005717
Macey, D. J.
71-003812
MacFarland, J. W.
71-013137
MacFarlane, L. R.
71-000804
71-004812
MacFarlane, R. B.
71-003442
MacGregor, J. S.
71-006393
71-010280
MacGregor, R.
71-006394
MacGregor, R. III
71-002854
71-006445
Machado, R. D.
71-001492
71-003694
Machida, H.
71-000667
Machida, Y.
71-000593
Machidori, S.
71-005736
Machin, D.
71-006733
MacHose, C. L.
71-010635
MacInnes, J. R.
71-010829
71-011072
Macins, V.
71-006102
Maciolek, J. A.
71-012047
71-012092
71-012567
Maciorowski, A.
71-010840
Maciorowski, A. F.
71-010281
71-011073
Maciorowski, H. D.
71-010562
71-010701
MacKay, K. T.
71-005718
Mackay, N. J.
71-010032
Mackay, W. C.
71-002576
71-003443
71-003532
71-006606
71-010874
71-012839
Mackenzie, D. D. S.
71-003444
MacKenzie, K.
71-009240
71-009772
71-009773
MacKenzie, W. C.
71-013249
Mackey, A. P.
71-007078
Mackie, A. M.
71-000671
71-003445
71-011074
Mackie, I. M.
71-004701
Mackie, P. R.
71-010282
Mackiewicz, J. S.
71-009479
71-009774
71-009775
MacKinnon, C. N.
71-000223
71-000224
71-006088
71-012429
MacKinnon, M.
71-003446
MacLean, J.
71-008385
MacLean, J. A.
71-004702
71-008416
Maclean, J. R.
71-009197
Maclean, N.
71-003766
71-003767
71-003768
MacLean, S. A.
71-009326
71-009331
MacLeod, M. G.
71-000805
71-003447

MacLeod, N. K.
71-001739
Maclin, M. S.
71-012101
MacMillan, J. R.
71-009433
71-009434
MacNichol, E. F., Jr.
71-001480
MacQuarrie, D. W.
71-000225
71-000811
71-003448
Macy, A. E.
71-001744
Madden, J. A.
71-003449
Madden, W. D.
71-003628
Madder, D. J.
71-011075
Maddock, R. G.
71-001745
Maddox, J. J.
71-000435
71-012641
Madeley, C. R.
71-009402
Madewell, C. E.
71-000435
71-012641
Madhavi, R.
71-009776
71-009777
71-009778
71-009779
Madison, D. M.
71-005370
71-006235
Madraisau, B. B.
71-000570
71-005638
Madsen, L.
71-005179
Maeda, T.
71-005719
71-006665
71-007079
Maetz, J.
71-002232
71-002293
71-003122
71-003450
71-003808
Magee, W. T.
71-000151
71-004503
71-004504
Magid, A. M. A.
71-003451
Magley, W. C.
71-012523
Magnin, E.
71-005720
71-005776
71-006144
71-007080
71-007545
71-007546
71-007657
Magnuson, J. J.
71-004896
71-004898
71-005395
71-006612
71-007259
71-007382
71-008223
71-008385
71-008404
71-008436
71-012430
71-012851
Magnusson, N. C.
71-007483
71-012693
Magomedov, G. M.
71-000226
71-005721
Magomedov, S. K.
71-002430
71-003452
Mahadevan Pillai, P. K.
71-006395
71-007081
Mahajan, C. L.
71-000772
71-000806
71-000807
71-003453
71-003454
71-009384
71-009780
Mahan, A.
71-007082
Maher, F. P.
71-011697
Mahnert, V.
71-001746
71-008585
Mahnken, C.
71-000264
71-000900
Mahnken, C. V. W.
71-000808
Mahon, R.
71-007547
71-009781
Mahood, H. W.
71-011356
Mahood, R. K.
71-005722
Maier, W.
71-003455
Mailyan, R. A.
71-007548
Main, J.
71-012568
71-012569
Main, J. K.
71-000809
Maisey, J. G.
71-001747
71-008663
Maitland, P. S.
71-008025
Majewski, H. S.
71-011076
Major, P. F.
71-005180
71-005723
71-007083
71-007084
71-007085
Majoros, F.
71-002668
71-002669
71-002670
Makarewicz, J. C.
71-001323
Makarova, N. P.
71-006396
Makeyeva, A. P.
71-002028
71-004703
71-004704
71-004843
71-005724
71-006397
Makhotin, Yu. M.
71-013087
Maki, A. W.
71-010670
71-011077
71-011078
71-011079
71-011592
71-011593
71-011594
71-011595
Maki, M.
71-005228
Maksimov, V. A.
71-000254
71-004705
71-004774
71-005725
71-005818
71-006489
71-006490
Maksimov, Yu. M.
71-004959
71-012570
71-012571
Malcolm, W. B.
71-006525
Malecki, E. J.
71-013499
Malevanyy, A. P.
71-005854
Malhotra, J. C.
71-000437
Malick, R. W., Jr.
71-008026
71-008135
71-008153
Maligalig, L. L.
71-013342
71-013343
Malik, P. V.
71-011323
71-011328
Malinin, L. K.
71-006687
71-007022
Malins, D. C.
71-010568
71-010707
71-011296
71-011297
71-011344
Malizia, A. A., Jr.
71-010777
Mallatt, J.
71-001748
Mallatt, J. M.
71-007086
Mallett, M. J.
71-002130
Malley, D. F.
71-001234
Mallman, R.
71-010124
Malmberg, G.
71-009782
Malmqvist, B.
71-005181
71-006398
Malnersic, S.
71-010214
71-010944
Malo-Michele, M.
71-003456
71-003457
Maloiy, G. M. O.
71-003158
71-004363
Malone, J.
71-000010
Malone, T. C.
71-010524
Maloney, J.
71-012431
Malsberger, R. G.
71-009058
71-009397
Malvestuto, S. P.
71-009783
71-012184
71-012185
Malvin, R. L.
71-003458
Maly, E. J.
71-011288
Malyukina, G. A.
71-002575
71-003391
Malyusz, M.
71-003459
Malyutin, V. S.
71-006522
Mamaev, Yu. L.
71-009784
Mamolito, G. E.
71-011287
Man, H. S. H.
71-007087
71-013088
Manabe, K.
71-010998
Mancini, E. R.
71-007088
Mancy, K. H.
71-011080
Mandal, A. K.
71-009327
Mandal, B. K.
71-000436
71-001014
71-001235
Mandal, L. N.
71-012647
Mandapat, R. R.
71-007519
Mandarino, R.
71-004782
Mandis, T.
71-000227
Maness, J. D.
71-008388
Manfredo, M. J.
71-011698
Mangel, M.
71-012726
Mangum, C. P.
71-003159
71-003160
71-003460
71-003461
Mangum, F. A.
71-013474
Mangus, M.
71-008182
Manier, J.-F.
71-009902
Manion, P. J.
71-001389
71-001390
71-001749
71-001750
71-005726
71-006666
71-012295
Maniulit, A. R.
71-012507
Maniwa, Y.
71-001015
71-013391
Mankura, M.
71-003220
71-003462
Mann, C. R.
71-001073
71-001161
Mann, H.
71-000788
71-011892
Mann, J. A.
71-008981
Mann, J. B.
71-010899
Mann, J. M.
71-005802
Mann, K. H.
71-000006
71-010283
Mann, R. H. K.
71-005727
71-005728
71-005729
71-005941
71-006843
Manner, H. W.
71-001751
Manning, A. E.
71-013353
Manning, R. E.
71-012186
Manns, R. E., Jr.
71-013392
Manooch, C. S. III
71-005620
71-005730
71-005731
...CONTINUED...
Manooch, C. S. III
71-005732
71-006399
71-007089
71-007549
71-007550
71-007551
71-007940
71-008664
71-012187
71-012256
Mansuri, A. P.
71-002242
71-003463
71-003464
71-005182
Manuel, D. K.
71-005539
Manzer, J.
71-012653
Manzer, J. I.
71-007090
Maoka, T.
71-003496
Mapstone, G. M.
71-005183
Marais, J. F. K.
71-000810
71-007091
71-007092
71-007301
Marancik, G.
71-012335
Marble, A. D.
71-010284
March, G. L.
71-011121
Marchelidon, J.
71-003465
Marchette, D. E.
71-000652
Marciochi, A.
71-005759
Marcoux, R.
71-011699
Marcus, F.
71-003904
Marcus, J. H.
71-012091
Marcy, B. C., Jr.
71-001741
Mardjono, M.
71-000959
71-008095
71-012588
Marek, M.
71-000478
Maren, T. H.
71-003466
Maresca, A.
71-002814
Maret, T. R.
71-007093
71-007094
71-008027
Maretic, Z.
71-003488
Margiocco, C.
71-002149
71-002150
Margolis-Kazan, H.
71-003467
71-003976
Margolis, L.
71-008901
71-008982
71-009242
71-009785
71-009786
71-009865
Margraf, F. J.
71-010285
Margrey, S. L.
71-003880
71-003881
71-010057
71-010058
71-010059
71-010060
71-010061
71-010062
71-010666
71-010669
71-010833
71-011046
71-011047
71-011048
71-011081
71-011082
71-011083
71-011279
Margulies, D.
71-008028
Marian, T.
71-004620
71-004700
Marichamy, R.
71-000621
71-007552
Marina, B. A.
71-000249
Marine Technology Society
71-013250
Marinenko, G.
71-011084
Mariyash, L. F.
71-005697
Mark, R. F.
71-007054

Markata, A.
   71-001752
Markert, J. R.
   71-000225
   71-000811
   71-003448
Markevich, N. B.
   71-006255
   71-008386
   71-009603
Markewitch, A. P.
   71-009787
Markey, D.
   71-011489
Markiewicz, F.
   71-004043
Marking, L. L.
   71-001016
   71-010601
   71-010602
   71-010603
   71-010604
   71-011085
   71-011086
   71-011087
   71-011334
   71-011574
   71-011576
   71-011596
   71-011597
Markiw, M. E.
   71-009298
   71-009328
   71-009377
   71-009378
Markle, D. F.
   71-001845
   71-006400
   71-006667
   71-008029
   71-008665
   71-008666
   71-008667
   71-008668
   71-008669
Markofsky, J.
   71-003468
   71-003469
   71-003487
Markov, K. P.
   71-001753
   71-001754
Markovtsev, V. G.
   71-007095
   71-007096
Marks, L. J.
   71-010443
Marks, R.
   71-002337
   71-002338
Marliave, J. B.
   71-003470
   71-005184
   71-005185
   71-005186
   71-006401
   71-006402
   71-006668
Marlot, S.
   71-003937
Marmelstein, A.
   71-011700
Marosz, E.
   71-002644
Marquez, D. J.
   71-012572
Marquez, E. D.
   71-003471
   71-003472
Marquez, J.
   71-007285
Marsh, A. C.
   71-005332
Marsh, B.
   71-005332
   71-006037
Marsh, E.
   71-001524
   71-001742
   71-001755
   71-006403
   71-007939
Marsh, P. C.
   71-001236
   71-011997
Marshall W. S.
   71-003473
Marshall, B. E.
   71-005733
   71-006404
Marshall, C. L.
   71-008030
Marshall, H. L.
   71-011998
Marshall, J. A.
   71-005038
   71-005187
   71-006210
Marshall, J. S.
   71-010507
   71-011088
Marshall, K. E.
   71-013393
   71-013454
   71-013455
Marshall, L.
   71-009173
Marshall, L. G.
   71-008096
Marshall, M. L.
   71-005188
Marshall, T. R.
   71-005734
Marshall, W. S.
   71-003474
   71-003475
   71-003476
Martel, A. L. D.
   71-003477
Martelly, E.
   71-003545
   71-003758
Marten, G. G.
   71-012776
   71-012877
Martens, D. W.
   71-011355
Martignoni, M. E.
   71-009395
Martin, A. D.
   71-005258
Martin, B. B.
   71-010525
Martin, B. J.
   71-001800
   71-004634
Martin, C.
   71-004710
Martin, C. O.
   71-008682
Martin, D. B.
   71-013089
   71-013090
Martin, D. F.
   71-010525
   71-012843
Martin, G. G.
   71-012878
Martin, G. L.
   71-010027
   71-010286
Martin, J. D.
   71-008230
Martin, J. H.
   71-011089
Martin, J. M.
   71-000057
   71-000115
Martin, M.
   71-000116
Martin, P. A.
   71-004196
Martin, R.
   71-000193
Martin, R. G.
   71-001756
   71-005189
   71-005190
   71-006405
   71-011804
   71-012432
Martin, R. M.
   71-000194
Martin, S. B.
   71-010370
   71-010372
   71-012976
Martin, W. E.
   71-009788
   71-009789
   71-012721
Martinez, M. R.
   71-001324
Martinez, R.
   71-003834
Martini, F. H.
   71-001017
   71-001018
Martino, G.
   71-002790
Martino, L.
   71-011205
Martosudarmo, B.
   71-000617
   71-008031
   71-008095
Marty, R.
   71-010626
Martyn, H. A.
   71-005735
Martynyuk, N. I.
   71-001757
Marusic, E. T.
   71-002771
Marusov, Ye. A.
   71-003478
   71-005191
Maruyama, K.
   71-003253
Marzolf, G. R.
   71-001368
   71-011936
   71-011937
   71-011999
Mashburn, S.
   71-010820
Mashiter, K. E.
   71-003479
Maslennikova, N. V.
   71-003480
Maslin, P. E.
   71-001066
   71-001352
Maslova, M. N
   71-003629
Masnik, M. T.
   71-001219
   71-006717
   71-008032
   71-008218
   71-010287
   71-010288
   71-011618
   71-012573
   71-012691
   71-012692
Mason, B.
   71-003481
Mason, J. C.
   71-005192
   71-005736
   71-012965
Mason, J. M., Jr.
   71-012307
Mason, J. W.
   71-010054
   71-010565
Mason, W. T., Jr.
   71-001237
   71-010289
   71-011701
Masri, M. S.
   71-011091
Massey, L. L.
   71-012000
Massey, S. M.
   71-002520
Massingill, M. J.
   71-002405
Massmann, W. H.
   71-011702
   71-011703
Mastrianni, W.
   71-010385
Masuda, S.
   71-006728
   71-006729
Masumura, K.
   71-009117
Mataix, F. J.
   71-000879
Matarese, A. C.
   71-008033
Mateo, R.
   71-000344
Matey, V. Ye.
   71-003482
   71-011092
Matheson, D. F.
   71-003483
Matheson, R. A.
   71-010318
Mathew, C. V.
   71-003484
Mathew, P. M.
   71-013091
Mathews, C. P.
   71-006038
   71-006039
   71-006040
   71-007401
Mathews, H. H.
   71-012076
Mathews, R. W.
   71-003485
   71-004063
Mathews, S. B.
   71-000228
   71-008387
Mathias, J. A.
   71-001162
   71-012833
Mathis, B. J.
   71-010290
Mathur, A.
   71-001758
Mathur, D.
   71-005193
   71-006406
   71-007097
   71-007098
   71-007483
   71-010128
   71-010291
   71-010292
   71-012693
   71-013493
Mathur, D. S.
   71-011093
Mathur, P. K.
   71-000437
Mathur, R.
   71-001758
   71-003486
Matias, J. R.
   71-003468
   71-003469
   71-003487
Matic-Piantanida, D.
   71-003488
Matijasevic, Z.
   71-011020
Matis, J.
   71-011267
Matlock, G. C.
   71-013251
Matson, M. L.
   71-008432
Matsubara, J.
   71-005194
Matsuda, R. I.
   71-010655
Matsuda, Y.
   71-000117
...CONTINUED...
Matsuda, Y.
   71-000118
Matsudo, H.
   71-009790
Matsui, M.
   71-004352
Matsui, T.
   71-003289
Matsuk, V. Ye.
   71-003363
Matsumae, S.
   71-013252
Matsumiya, Y.
   71-006041
Matsumori, S.
   71-002154
Matsumoto, J.
   71-001759
   71-004856
Matsumoto, J. J.
   71-003682
Matsumoto, K.
   71-007507
Matsumoto, T.
   71-003128
Matsumoto, W. M.
   71-008034
   71-008035
Matsumura, F.
   71-010897
   71-011094
   71-011510
Matsumura, K.
   71-012441
Matsunaga, K.
   71-010293
   71-010333
Matsuno, S.
   71-002154
Matsuno, T.
   71-000438
   71-000439
   71-003204
   71-003489
   71-003490
   71-003491
   71-003492
   71-003493
   71-003494
   71-003495
   71-003496
   71-003616
Matsuo, M.
   71-004464
Matsuoka, T.
   71-004170
Matsutaka, H.
   71-003492
   71-003493
   71-003494
   71-003495
   71-003496
Matsuura, F.
   71-002077
   71-002102
   71-002103
   71-002104
   71-003289
   71-004467
   71-004468
Matsuura, K.
   71-008752
Matsuzawa, T.
   71-010868
Mattacola, A. D.
   71-008211
Matter, W. J.
   71-010294
Mattey, D. L.
   71-001760
   71-001761
   71-001762
   71-011220
Matthews, E.
   71-010826
Matthews, F. D.
   71-008036
   71-008670
Matthews, G.
   71-003497
   71-003498
Matthews, G. M.
   71-011095
   71-012694
Matthews, J.
   71-012343
Matthews, R. A
   71-010295
Matthews, W. J.
   71-003499
   71-003500
   71-005195
   71-005196
   71-005197
   71-005198
   71-005737
   71-007099
   71-007100
   71-007906
   71-008037
   71-008388
Matthey, J. K.
   71-005315
   71-007101
Matthiessen, P.
   71-010551
   71-010631

...CONTINUED...
Matthiessen, P
71-011096
71-011097
71-011098
Mattison, A.
71-003501
Mattison, J.
71-009791
Mattisson, A. G. M.
71-001763
Mattson, C. R.
71-005943
71-008038
Mattson, V. R.
71-010577
71-011099
Matty, A. J.
71-000229
71-000676
71-000812
71-003428
71-004390
71-004392
Matuda, K.
71-012574
71-012575
71-012576
71-012577
71-012578
Matumoto, H.
71-003686
Matuo, M.
71-003715
Matuszek, J. E.
71-006042
Matvienko, S. V.
71-004145
Matyukhin, V. A.
71-003502
71-003503
Mauceri, A.
71-001509
71-002597
Mauck, W. L.
71-011085
71-011100
71-011101
71-011102
Mauermann, R. G.
71-011704
Maughan, O. E.
71-001764
71-002453
71-004386
71-005199
71-007192
71-007423
71-008039
71-008040
71-008041
71-008418
71-010528
71-012001
71-012055
71-012353
71-012599
Mauney, M.
71-012002
71-012003
71-012966
Maura, G.
71-010103
Maurakis, E. G.
71-006746
Maurat, J. P.
71-002964
Maurer, D.
71-008042
Mauro, M. L.
71-004706
May, B.
71-004707
71-004708
May, B. E.
71-005738
71-006669
71-007102
71-012433
May, E. B.
71-009675
May, N.
71-012579
May, O. D., Jr.
71-013105
May, R. C.
71-003945
71-006407
71-011103
May, R. H.
71-011705
May, R. M.
71-013253
May, W. E.
71-010169
Mayama, H.
71-006408
71-006409
71-007103
Mayden, R. L.
71-007768
71-008671
Mayer-Gostan, N.
71-003504
Mayer, F. L.
71-009228
71-011100
71-011104

...CONTINUED...
Mayer, F. L.
71-011105
71-011106
71-011132
71-011134
71-011578
71-011598
71-011599
Mayer, F. L., Jr.
71-010995
71-011101
71-011540
71-011600
71-011601
Mayer, G. F.
71-008672
Mayer, J. R.
71-012879
Mayer, T.
71-001184
Mayes, M. A.
71-009530
71-009533
71-009535
71-009792
71-009793
71-009794
71-009795
71-009796
71-009797
71-009798
71-009908
Mayes, R. A.
71-010025
71-011107
Mayfield, C. I.
71-001175
71-004057
71-010756
Mayhew, J.
71-013092
Maylin, G. A.
71-010556
71-011108
Maynard, A. W.
71-011498
Maynard, P. R.
71-005200
Mayo, D. W.
71-010296
Mayo, R. D.
71-000169
Mayzel, K.
71-005019
Mazabraud, A.
71-004366
Mazeaud, F.
71-003505
Mazeaud, M. M.
71-003505
Mazid, M. A.
71-000813
71-003506
Mazmanidi, N. D.
71-010583
71-011109
McAda, C. W.
71-008043
71-008044
71-013004
McAfee, M.
71-012344
McAfee, M. E.
71-012188
McAffe, M.
71-013032
McAllister, C. D.
71-012653
McAllister, D. E.
71-007871
71-008459
71-008673
71-008674
McAllister, P. E.
71-009435
McAllister, R.
71-012189
McArdle, H. J.
71-003507
McArthur-Phillips, M.
71-012967
McArthur, C. P.
71-009329
71-009799
McAuliffe, C. D.
71-010095
McAvoy, E. M.
71-003267
McBride, D. N.
71-006670
McBride, J. R.
71-000178
71-000179
71-000197
71-000198
71-000230
71-000732
71-000996
71-002978
71-002979
71-008443
71-009031
McCabe, B. A.
71-003508
McCabe, G. T., Jr.
71-012695
McCafferty, W. P.
71-001189
McCaffrey, E. R.
71-011684

McCaffrey, P. M.
71-008045
McCaig, R. S.
71-013033
McCain, B. B.
71-008983
71-008984
71-009387
71-009800
71-009872
71-009980
71-011110
McCain, J. C.
71-010297
71-011111
McCall, T. C.
71-006671
McCall, T. D.
71-012105
McCann, J. A.
71-011112
McCarey, G.
71-012486
McCarley, H.
71-006410
McCarraher, D. B.
71-012880
McCart, P. J.
71-009814
McCarthy, D.
71-009537
McCarthy, D. H.
71-009086
71-009152
71-009153
71-009154
71-009200
McCarthy, L. V.
71-008675
McCarthy, M. M.
71-004086
McCartney, T. H.
71-003509
McCarty, L. S.
71-003047
71-011113
71-011114
McCarty, W. M.
71-010563
McCauley, C. A.
71-000803
McCauley, R. W.
71-003877
71-005160
71-005201
71-005202
71-005203
71-005204
McClary, E. B.
71-011002
McCleave, J. D.
71-005205
71-005434
71-006466
71-006616
71-006655
71-006672
71-006673
71-006674
71-012317
71-012319
71-012345
McCleay, D. J.
71-011115
McClellan, D.
71-005804
McClellan, D. B.
71-013245
McCleneghan, K.
71-001765
71-012580
McCleskey, R. N.
71-000235
McCoid, M. J.
71-012434
McCollum, J. L.
71-008046
McComas, J. R.
71-000962
McComish, T. S.
71-000814
71-007201
McConnell, K. E.
71-012777
McConnell, S.
71-009436
McConnell, W. J.
71-001019
71-006043
71-012990
McCord, C. L., Jr.
71-000432
71-000440
McCord, J. W.
71-013323
McCorkle, F. M.
71-003510
71-003511
71-010690
McCormack, J. C.
71-005939
71-005941
71-006025
71-006843
McCormick, C. A.
71-001766
McCormick, J. H.
71-003512
71-003513

...CONTINUED...
McCormick, J. H.
71-003514
71-005239
71-010051
71-010052
71-011116
McCormick, M.
71-010991
McCormock, J. F.
71-011971
McCosker, J. E.
71-000971
71-003342
71-005206
71-005739
71-005740
71-008676
71-008677
71-009437
71-012696
McCourt, S.
71-011973
McCoy, E. W.
71-000089
71-000119
71-000127
71-000128
71-000441
71-000535
71-013332
McCoy, R. H.
71-009091
71-009105
McCracken, F. D.
71-012004
71-013254
McCrady, J. K.
71-009831
McCraren, J. P.
71-000963
71-001020
71-011117
McCreery, D. B.
71-003515
71-003516
McCreight, P. L.
71-006406
71-010291
McCrone, L. E.
71-006617
McCullough, J. D.
71-001238
McDannold, W. E.
71-012262
McDermott-Ehrlich, D.
71-010511
McDermott-Ehrlich, D. J.
71-010298
McDermott, L. A.
71-009206
McDonald, D. G.
71-003517
71-004425
71-004426
71-009998
McDonald, E. F., Jr.
71-008047
McDonald, J. F.
71-004600
71-012249
McDonald, L. L.
71-012722
McDonald, N. G.
71-008770
McDonald, T. E.
71-009786
McDonald, T. O.
71-011118
71-011119
McDonnell, A. J.
71-010352
McDonnell, J.
71-007104
McDonough, T. A.
71-008048
71-012484
McDowall, R. M.
71-008049
71-008678
71-008679
71-008680
McDowell, R. M.
71-008050
71-008681
McEachran, J. D.
71-008682
71-008683
71-008684
McEachron, L. W.
71-005751
McElman, J. F.
71-005207
McElroy, P. T.
71-013394
McElroy, R. O.
71-010040
McFarland, D.
71-006226
McFarlane, G. A.
71-010299
McFarlane, N. J.
71-007983
McFeters, G. A.
71-012903
McGaw, R. L.
71-011805
71-012778
McGeachin, R. B.
71-000518

...CONTINUED...
McGeachin, R. B.
71-000615
71-007264
McGee, M. V.
71-007105
McGie, A. M.
71-012128
McGinness, T.
71-008074
McGinniss, M. J.
71-010658
71-010676
McGinty, A. S.
71-000442
McGlade, J.
71-004709
McGlew, P. A.
71-000618
McGoodwin, J. R.
71-013255
McGowan, T. A.
71-012005
McGowen, G. E.
71-004994
McGraw, J. L., Jr.
71-009921
McGraw, M. M.
71-010170
McGregor Reid, G.
71-008051
McGregor, D.
71-009403
McGroddy, P. M.
71-012581
McGurk, M. D.
71-003518
McHugh, J. J.
71-000290
71-003519
McHugh, J. L.
71-013256
McIlwain, T. D.
71-000291
71-001620
71-001621
McInerney, J. E.
71-005026
McIntosh, A.
71-002137
McIntosh, A. W.
71-010025
71-010315
71-010486
71-011440
71-011441
McIntyre, J. D.
71-000231
71-000246
71-002064
71-002802
71-004682
71-008985
71-009209
71-009217
71-009438
McKague, A. B.
71-011120
McKay, D. W.
71-006607
McKaye, K. R.
71-004963
71-005208
71-005209
71-005210
71-005211
71-005212
71-005213
71-006411
71-007106
McKaye, N. M.
71-005208
McKee, J. A.
71-011471
McKee, T. B.
71-000941
McKellar, H. N., Jr.
71-012779
McKenzie, D. H.
71-010456
McKenzie, J. A.
71-004710
71-007247
McKenzie, K.
71-008986
McKeown, B. A.
71-002316
71-002470
71-003520
71-003521
71-004304
71-011121
71-011517
71-011518
71-011604
McKim, J. M.
71-010766
71-010914
71-011122
71-011123
71-011124
71-011125
McKinney, E. C.
71-009019
McKinney, J. F.
71-008452
71-008685
McKinnon, A. E.
71-011193
McKnight, I. J.
71-009801
McKnight, R. G.
71-012629
McKnight, T. C.
71-004780
71-012881
McKone, W. D.
71-001239
71-003518
McLain, D. R.
71-013257
McLain, L. R.
71-004501
McLaren, I. A.
71-001325
McLaren, J. B.
71-009931
McLarney, B.
71-000120
71-000443
McLarney, W. O.
71-000816
McLaughlin, J. J. A.
71-007357
McLay, R. W.
71-010300
McLean, R. B.
71-007105
McLean, R. S.
71-003388
McLeay, D. J.
71-002835
71-003522
71-003523
71-010828
71-011126
71-011127
71-011128
71-011129
71-011130
McLeese, D. W.
71-011569
71-011570
McLellan, T.
71-007107
McLeod, T. F.
71-003524
McMahon, B. R.
71-003517
71-004425
71-004426
71-009998
McMahon, R. F.
71-002446
McMahon, T. E.
71-005214
71-013395
McMichael, J. S.
71-008936
McMillan, A. D.
71-013344
McMillan, D. B.
71-004484
McMillan, J.
71-012172
McMillan, P. J.
71-003033
McMinds, G. R.
71-011706
McNall, W. J.
71-011806
McNatt, R.
71-008052
McNatt, R. M.
71-012006
71-012968
McNaught, D. C.
71-001326
McNaughton, R. J.
71-005988
McNeil, F. I.
71-012346
McNeil, W. J.
71-012940
McNeish, J. D.
71-005215
McNew, R. W.
71-012780
McNulty, J. A.
71-001767
71-001768
71-001769
McPhail, J. D.
71-001770
71-005216
71-006308
McPherson, B.
71-012969
McPherson, B. P.
71-011058
71-011059
71-011060
McQuarrie, I. G.
71-003525
McReynolds, H. E.
71-008053
71-008054
McSwain, L. E.
71-000444
71-005604
71-005817
McVey, J. P.
71-005638
McVicar, A. H.
71-008986
71-009240
71-009330
71-009802
...CONTINUED...
McVicar, A. H.
71-009803
McWhinnie, M. A.
71-003855
McWilliams, P. G.
71-003526
Meaburn, G. M.
71-010175
Meacham, C. P.
71-012190
Meade, J. W.
71-004582
Meade, T. L.
71-000232
71-002331
71-008978
71-011131
71-011238
71-011407
Meakins, R. H.
71-003527
71-003528
71-009804
Mealing, H. C. III
71-012007
Mearns, A. J.
71-008055
71-008056
71-008389
71-009920
71-010298
Mearow, K. M.
71-003048
71-003049
71-003051
71-003529
Mears, H. C.
71-003530
71-012347
71-012348
Meating, J. H.
71-001061
Meats, M.
71-001771
Mecum, W. L.
71-008058
Medda, A. K.
71-003531
Medders, S.
71-008057
Medford, B. A.
71-003532
Mednikov, B. M.
71-008449
Medrick, P. A.
71-005217
Medvedeva-Vasil'yeva, Ye. D.
71-001772
Medvedeva, E. D.
71-004711
71-004712
Medvedeva, Ye. D.
71-004774
71-005818
Medvick, P. A.
71-007553
Meehan, W. R.
71-007108
71-012008
Mees, G. F.
71-008686
Megahan, W. F.
71-010371
Mehrle, P. M.
71-011100
71-011105
71-011106
71-011132
71-011133
71-011134
71-011598
71-011599
Mehrle, P. M., Jr.
71-011600
71-011601
Mehrotra, S. N.
71-000437
Meier, A. H.
71-002701
71-003042
71-004093
71-004096
71-004097
71-004098
71-004100
71-005387
Meiniel, A.
71-003533
71-003534
Meinz, M.
71-000964
71-008058
Meisch, M. V.
71-000457
Meissl, H.
71-003535
Meister, A. L.
71-012930
Mejean, C.
71-003923
Mel'nikov, G. B.
71-003256
Mel'nikova, M. N.
71-006661
Melack, J. M.
71-012882
Melancon, M. J.
71-011135
Melancon, M. J., Jr.
71-010845
71-010846
71-011136
71-011137
71-011138
71-011139
71-011421
Meldrim, J. W.
71-011140
Melinkat, R.
71-001440
71-001773
71-002002
71-002095
Meliska, C. J.
71-005218
Meliska, J. A.
71-005218
Melisky, E. L.
71-005219
71-005220
Meller, L. E.
71-005875
Mellinger, J.
71-001384
71-002741
71-003536
Melodia, F.
71-002149
71-002150
Melteff, B. R.
71-011707
Melzer, M.
71-002688
Menasveta, P.
71-010078
71-010301
71-011141
Mendelsohn, J. M.
71-013345
Mendelson, J.
71-007109
Mendelssohn, R.
71-012781
71-012782
Mendes, A. J.
71-001232
Menendez, R.
71-001494
Menezes, N. A.
71-008483
Meng, H.
71-012593
Menges, L.
71-012061
Menon, N. K.
71-003638
Mense, J. B.
71-007554
71-012191
Menshutkin, V. V.
71-003537
71-012825
Mensi, P.
71-002149
Menter, D. G.
71-001774
71-001842
71-003670
Menz, A.
71-007431
Menzel, B. W.
71-004713
71-004714
71-008687
71-011890
71-011891
71-012425
Mercer, L. P.
71-005741
71-005764
Mercier, H. T.
71-001156
Merckel, C.
71-012087
Meredith, P. A.
71-011159
Meredyth-Young, J. L.
71-008059
Merkowsky, A.
71-000001
71-000445
Merkowsky, A. J.
71-000446
71-000457
Merlini, M.
71-011142
71-011143
Merna, J. W.
71-007110
71-010302
71-011144
Merrett, N. R.
71-005742
71-008665
71-008688
Merrick, J. R.
71-000376
Merrill, S. P.
71-000267
Merriner, J. V.
71-006412
71-006413
71-006653
71-008060
71-010117
71-012327

...CONTINUED...
Merriner, J. V.
71-012583
71-012673
Merritt, C. R.
71-011708
Merritt, R. B.
71-004715
Mertens, T. J.
71-012140
Meryman, C. D.
71-000447
Mesick, C. F.
71-012582
Meske, C.
71-002878
Meske, C. H.
71-000842
Messager, J. L.
71-000955
Messieh, S. N.
71-005743
71-006414
71-013258
Messinger, J. F. III
71-010953
Metailler, R.
71-002780
71-002781
71-003397
Metallov, G. F.
71-003630
Metcalf, R. L.
71-010303
Metcalfe, C. D.
71-011568
71-011569
Metcalfe, J. L.
71-001875
71-004161
71-005281
71-005282
71-005788
71-011241
Methot, R. D., Jr.
71-007555
Metner, D.
71-010992
Metner, D. A.
71-011055
Mettee, M. F.
71-008061
Mettee, M. F., Jr.
71-003538
71-006415
Meunier, F.
71-001670
Meunier, F. J.
71-001575
71-001775
71-001776
71-001777
71-007556
Mevel, M.
71-000955
Meyer-Rochow, V. B.
71-001778
71-007111
71-007112
Meyer, D. L.
71-004984
71-004985
71-005037
71-005221
Meyer, D. W.
71-006044
Meyer, F. P.
71-008987
71-008988
71-009942
71-011145
71-011345
71-011346
71-011602
Meyer, H. L.
71-012583
Meyer, J. L.
71-006632
Meyer, J. S.
71-010746
Meyer, M. C.
71-009726
Meyer, M. H.
71-002542
Meyer, M. K.
71-008689
Meyer, P. A.
71-011709
Meyer, R. A., Jr.
71-002542
Meyer, R. L.
71-003539
Meyer, T. L.
71-005744
Meyer, W.
71-003540
71-003951
Meyerhoff, R. D.
71-001074
Meyers, E. P.
71-009160
Meyers, T. R.
71-008989
71-009331
71-009439
71-009805
Mezhnin, F. I.
71-001779

...CONTINUED...
Mezhnin, F. I.
71-003541
71-003542
71-003543
71-003544
71-004308
Miah, J. U.
71-006861
Michael, A. D.
71-010095
Michael, J. H., Jr.
71-006416
Michaelson, D. M.
71-005745
Michel, C.
71-008924
71-009155
Micheli, G.
71-004706
Michell, G. F.
71-003708
71-005260
Michelsen, A.
71-003939
Middaugh, D. P.
71-006417
71-011146
71-011147
Middlebrooks, B. L.
71-003375
Middlebrooks, E. J.
71-004086
Middleditch, B. S.
71-010304
Middleman, S.
71-013415
Middleton, C.
71-000887
71-003723
Midttun, B.
71-001780
Midttun, L.
71-005950
Mighell, J. L.
71-001021
Miglani, A.
71-009659
Miglarese, J. V.
71-006787
Mih, W. C.
71-012009
Mihursky, J. A.
71-005827
Mikeska, M.
71-013346
Mikhailenko, N. A.
71-002193
Mikhailichenko, L. V.
71-009607
Mikhaylin, S. V.
71-004716
71-008062
Mikhman, A. S.
71-007113
71-007114
Mikol, G. F.
71-008063
Mikryakov, V. R.
71-004480
71-009156
Mikulin, A. Ye.
71-001781
71-001782
Milbrink, G.
71-010952
71-011301
Milburn, G. S.
71-012687
Milburn, O.
71-005222
Mileriene, E.
71-001727
Miles, D. L.
71-010531
Miles, E.
71-011807
Miles, P. S.
71-005223
Miles, R. S.
71-008690
Milet, C.
71-003545
71-003758
Miley, W. M.
71-005224
Miley, W. W.
71-000448
71-007801
Miley, W. W. II
71-007802
71-008215
Milinski, M.
71-006972
71-007115
71-007116
Millard, J. L.
71-001020
Millemann, R. E.
71-009643
71-009805
Miller, B. S.
71-009800
71-009980
Miller, C. A.
71-001049
Miller, C. M.
71-009444
Miller, D.
71-009836

Miller, D. L.
71-011148
71-011199
Miller, D. R.
71-010557
Miller, D. S.
71-003546
Miller, D. W.
71-010465
71-011149
Miller, E. E.
71-007404
Miller, G.
71-000026
Miller, G. C.
71-009656
71-009657
71-009793
Miller, G. D.
71-013499
Miller, H. R.
71-009426
71-009427
Miller, J. A.
71-003547
Miller, J. D.
71-009073
Miller, J. M.
71-001783
71-006916
Miller, L. G.
71-008064
Miller, L. W.
71-007525
Miller, M.
71-006380
71-012970
Miller, M. C.
71-006148
Miller, M. C. III
71-012513
Miller, M. M.
71-010426
Miller, N. A.
71-001215
Miller, P. E.
71-008390
Miller, P. J.
71-005746
71-007449
71-008691
71-008692
71-008693
71-008694
71-008853
Miller, R.
71-012044
Miller, R. A.
71-007108
71-011150
Miller, R. J.
71-005225
71-005747
71-008330
Miller, R. L.
71-006678
71-009806
71-012852
Miller, R. R.
71-004539
71-004834
71-005748
71-008065
71-008066
71-008470
71-008471
71-008627
71-008628
71-008629
71-008630
71-008695
71-008696
71-008791
71-008792
71-008844
Miller, R. W.
71-008990
71-009258
Miller, S. M.
71-013396
Miller, T.
71-007027
Miller, T. J.
71-007671
Miller, T. L.
71-010053
Miller, W. F.
71-000486
Miller, W. G.
71-007470
Miller, W. R. III
71-010168
71-010305
Millich, D. R.
71-002398
Milligan, T. A.
71-003548
Millington, S. T.
71-005315
71-005320
Millis, R.
71-010306
Mills, A. L.
71-010091
Mills, C. A.
71-009487
71-009807

...CONTINUED...
Mills, C. A.
71-009808
Mills, D.
71-010247
Mills, D. R.
71-008248
Mills, K. H.
71-007557
Mills, L.
71-006569
Mills, L. A.
71-004432
Mills, P. A., Jr.
71-008067
Mills, T.
71-012012
71-012013
Milne, P. H.
71-000121
71-000233
Milne, R. S.
71-003382
71-003549
71-003550
71-003551
71-003552
71-003553
Milner, A. G. P.
71-000309
Milner, G. B.
71-004633
Milner, N. J.
71-005962
71-006045
71-006046
71-008340
71-010307
Milos, N.
71-001784
71-001785
Milstead, E.
71-007921
Milstein, C. B.
71-008068
71-008069
71-010526
Milton, P.
71-010755
Min, T. S.
71-008189
Mina, M. V.
71-000254
71-002026
71-006490
71-008070
Minami, T.
71-008071
Minchew, C. D.
71-009098
71-009157
71-009332
71-009333
71-009809
Minckley, C. O.
71-005749
71-007117
71-007118
71-008072
Minckley, W. L.
71-008073
Minet, J. P.
71-007119
Ming, A.
71-012262
Minns, C. K.
71-001305
71-005685
71-008360
71-010233
71-010308
71-010309
71-012783
Minshall, G. W.
71-001099
Minter, K. W.
71-008074
Minto, M. L.
71-001240
Mires, D.
71-000449
71-000450
Mironov, O. G.
71-004002
Mironova, N. V.
71-000817
71-000818
71-003554
71-003555
Miroshnikov, A. I.
71-011165
Mishra, D. N.
71-007511
Mishra, N.
71-003556
71-003685
Mishra, N. K.
71-001786
Mishra, S.
71-011151
71-011418
Mishrigi, S. Y.
71-003557
71-003558
71-005226
Misitano, D. A.
71-000619
71-001787

...CONTINUED...
Misitano, D. A.
71-003559
71-006418
71-008075
Misra, B. N.
71-011212
71-011213
71-011214
Misra, R.
71-010984
Misra, R. K.
71-001472
71-004687
71-007558
Missler, S. R.
71-010304
Mistakidis, M. N.
71-000122
Misu, H.
71-005664
Mitchell, A. I.
71-011152
71-011256
Mitchell, A. J.
71-009158
71-009301
71-009448
71-011153
Mitchell, B.
71-011808
Mitchell, C. L.
71-011710
Mitchell, C. P.
71-004717
Mitchell, D. F.
71-007315
Mitchell, G. C.
71-005297
Mitchell, L. G.
71-009334
71-009335
71-009493
Mitchell, N.
71-004522
Mitchell, R. E.
71-001022
Mitchell, R. W.
71-005750
Mitchell, S. J.
71-002405
71-002406
Mitchell, V. P., Jr.
71-006325
71-006326
71-008076
71-010410
Mitchum, D. L.
71-009159
Mitenev, V. K.
71-008991
Mito, K.
71-007120
Mitra, E.
71-000027
Mitrofanov, V. P.
71-006432
Mitrofanov, Ye. A.
71-012720
Mitrofanov, Yu. A.
71-006332
Mitsch, W. J.
71-010265
Mitsuoka, T.
71-003931
Mittal, A. K.
71-001625
71-001788
71-001789
71-003560
Mittelbach, G. G.
71-006962
71-007121
Mitterer, L. G.
71-013397
Mitzner, L.
71-000028
Miura, K.
71-011198
Miura, T.
71-012349
71-012584
71-012585
71-012586
Miwa, K.
71-004222
Miyahara, V. S.
71-001362
Miyake, Y.
71-010331
71-010332
71-010333
Miyamoto, H.
71-012640
Miyamoto, J.
71-004877
Miyashita, A.
71-000604
71-000667
Miyashita, M.
71-011551
Miyashita, Y.
71-001562
Miyauchi, M.
71-011154
71-011155
71-012603
Miyazaki, C.
71-005227
71-012010

...CONTINUED...
Miyazaki, C.
71-012011
71-012544
Miyazaki, H.
71-008970
Miyazaki, T.
71-010310
71-010311
71-011544
Miyoshi, M.
71-001790
Mize, R.
71-003230
Mizera, J. J.
71-008077
Mizue, K.
71-005410
71-007642
Mizuno, N.
71-005228
Mnich, M. A.
71-006865
Moate R.
71-001762
Moav, R.
71-000547
71-004652
71-007493
Moazzam, M.
71-012697
Moberly, S. A.
71-000234
Moca, S.
71-000924
Moccia, R.
71-004085
Moccia, R. D.
71-009810
Mochek, A. D.
71-005229
71-005230
71-005231
71-005301
71-006419
Mock, J. B.
71-000228
Modde, T.
71-007122
71-012308
Modde, T. C.
71-008078
Moen, T. E.
71-007821
71-012698
Moershel, P.
71-007123
Moertly, R. J.
71-008079
Moffatt, J. D.
71-001144
71-001159
Moffatt, N. M.
71-003561
71-004718
Moffett, A. W.
71-005751
Moffett, M. F.
71-012883
Moffitt, C. M.
71-012971
Mohn, L. O.
71-010528
Mohn, R. K.
71-012784
Mohr, H. W., Jr.
71-000985
71-001456
71-001457
71-001458
71-001459
71-001460
71-001461
71-001462
71-001463
71-001464
71-001465
71-001466
71-010142
71-012519
Mohsin, A. K. M.
71-000771
71-001791
Moiseev, P. A.
71-000620
71-013259
71-013260
Moiseeva, E. B.
71-001792
Moiseyenko, S. N.
71-003304
71-003305
Moiseyeva, Ye. B.
71-001793
71-001794
71-002336
71-006420
Moitra, S. K.
71-001235
71-003562
Mok, H.-K.
71-001795
71-007124
Mokhamed, Z.
71-006559
Mokhayer, B.
71-008992
71-009811
Moksness, E.
71-001529

Mol, J. C. M.
71-011285
Moles, A.
71-011156
71-011157
Molinski, M.
71-003759
71-010353
71-010354
Mollenhauer, H. H.
71-001468
71-002385
Moller, D.
71-003610
71-007361
71-007362
Moller, F.
71-012785
Moller, H.
71-008993
71-008994
Moller, M.
71-004273
Moller, P.
71-003847
71-004901
71-005232
71-005752
71-010167
Molles, M. C., Jr.
71-001241
71-008080
Molnar, K.
71-009336
71-009337
71-009668
71-009812
Moloney, D. G.
71-012263
Momeni, M. H.
71-001025
Momot, W. T.
71-001242
71-001243
71-001244
71-001245
71-006188
71-006944
71-013093
Monaco, P. J.
71-004719
Monaghan, J. P., Jr.
71-006675
Mondal, K. M.
71-000370
Mong, S. J.
71-011158
Monk, B. H.
71-000962
Monkmeyer, P. L.
71-013094
Monstad, T.
71-005631
71-005949
71-005950
71-005951
Montalbano-Smith, D.
71-003708
Montalbano, D. M.
71-005260
Montana Department of Fish and Game
71-012972
Montanari, J. H.
71-011711
Montgomery, J. C.
71-006631
71-009630
Montgomery, W. L.
71-007125
71-007126
71-007127
71-007128
71-007129
71-008765
Montolio, M. A.
71-006047
Moodie, G. E. E.
71-001796
71-003302
Moody, H. L.
71-012192
Moody, R. P.
71-010312
Moody, T. M.
71-000235
Mook, D.
71-001797
Moon, C.
71-000323
Moon, T. W.
71-001633
71-001634
71-003004
71-003063
71-003065
71-003066
71-003067
71-003167
71-003563
71-003564
71-003565
71-003566
71-003743
71-003871
71-009317
Moore, C. J.
71-001798
71-001799

...CONTINUED...
Moore, C. J.
71-002106
71-002357
71-008081
71-011082
Moore, D.
71-007787
Moore, E.
71-000011
Moore, F. D.
71-004720
Moore, I. A.
71-007132
71-007133
Moore, J. C.
71-010713
71-010826
71-011448
Moore, J. E.
71-010313
Moore, J. W.
71-006421
71-007130
71-007131
71-007132
71-007133
Moore, L. F.
71-010314
Moore, M. H.
71-001418
Moore, M. R.
71-011159
Moore, R.
71-003568
71-007728
71-011160
71-012012
71-012013
Moore, R. H.
71-003567
71-008082
71-010527
Moore, W. S.
71-004721
71-006048
71-012328
71-012333
71-012550
Moos, R. E.
71-005753
Moosleitner, H.
71-006422
Morache, M.
71-011712
Morais, D. I.
71-007006
71-012121
Moran, R. L.
71-009763
Morang, S.
71-010831
Moravec, F.
71-009786
Moreau, G.
71-003569
Moreau, J.
71-007559
71-007560
Moreland, J. M.
71-008110
71-008722
Moreno M., C.
71-007299
Moreno, C. A.
71-005754
71-007134
Moreno, M.
71-001800
Morey, L. A. III
71-000640
Morfin, R.
71-003792
Morgan, B.
71-010247
Morgan, D. W.
71-006982
71-010108
Morgan, E. C.
71-001801
Morgan, E. L.
71-007600
71-010023
71-011048
71-011205
Morgan, G. C., Jr.
71-003570
Morgan, H. G.
71-011161
Morgan, M.
71-001760
71-001761
71-001762
Morgan, M. D.
71-001212
71-001246
71-012435
Morgan, M. R. J.
71-003479
Morgan, R. I. G.
71-004830
71-006725
71-012350
Morgan, R. P. II
71-004722
71-011162
71-011163
71-012699
Morgan, S.
71-010907

Mori, I.
71-013261
Mori, M.
71-003571
Mori, Y.
71-006728
71-006729
Moriarty, C.
71-005755
Moriarty, D. J. W.
71-007135
Moriarty, R. J.
71-003425
71-003572
Morii, H.
71-003573
71-003574
71-004176
Morin, J. G.
71-001930
Morin, R.
71-008083
Moring, J. R.
71-000215
71-006049
71-006050
71-006808
71-010651
71-012193
71-012351
71-012436
71-012437
71-012438
Moring, K. A.
71-012351
Morisaki, Y.
71-011198
Morisawa, M.
71-002988
71-003575
71-003576
Morita, M.
71-011544
Morita, T.
71-004821
Morizot, D. C.
71-004723
Morley, R. B.
71-010717
Moroz, I. Ye.
71-003577
71-003578
Morozov, P. A.
71-002323
Morozova, Ye. N.
71-003338
Morpurgo, G.
71-004259
Morrell, J. I.
71-002525
Morris, A. W.
71-010138
Morris, D. J.
71-003846
71-007136
Morris, D. L.
71-010513
Morris, J. W.
71-013023
Morris, L. M.
71-007837
Morris, M. A.
71-006213
Morris, R.
71-001877
Morris, R. W.
71-001802
Morris, S. L.
71-001803
Morris, S. M.
71-003579
Morris, T. J.
71-009394
Morris, W. J.
71-001351
Morrison, C. M.
71-001804
71-001805
71-003672
Morrison, G. C.
71-005016
Morrison, J.
71-013262
Morrisson, N. J. III
71-003120
Morrow, J. E.
71-001806
71-007137
71-011164
Morry, C. J.
71-012884
Morse, E. V.
71-009160
Morse, L. S.
71-010402
Morse, W. W.
71-005756
71-006423
71-006424
71-008277
Mortensen, E.
71-006051
71-012014
Mortensen, W.
71-000819
Mortimer, D. C.
71-006956
71-010557
Morton, J. W.
71-012015
Morton, W. D.
71-003580
Morton, W. M.
71-008697
Mosello, R.
71-010517
Moser, H. G.
71-001989
71-005757
71-007684
71-008698
Moser, M.
71-006961
71-008969
71-009323
71-009338
71-009339
71-009340
71-009341
71-009342
71-009343
71-009344
71-009345
71-009346
71-009347
71-009348
71-009748
71-009813
Moshin, A. K. M.
71-005758
Moshkov, D. A.
71-001807
71-011165
Moskal'kova, K. I.
71-011166
Mosman, N. J.
71-006031
Moss, J.
71-010115
Moss, J. L.
71-011167
Moss, M. L.
71-001808
Moss, R. E.
71-005233
Moss, S. A.
71-007138
Mossberg, P.
71-010326
Mosse, P. R. L.
71-001809
71-001810
71-001811
71-003581
71-005296
Motta, P. J.
71-001812
Motwani, M. P.
71-013095
Moul, E. T.
71-010177
Moulton, L. L.
71-008084
Mounce, D. E.
71-000275
Mount, D. I.
71-011202
Mountain, J.
71-000594
71-000595
Mountford, N. K.
71-005827
Movchan, V. A.
71-005798
Movchan, Yu. V.
71-007862
Mowatt, T. C.
71-001050
Mowlah, A. H.
71-003582
Moxey, P. C.
71-002007
Moy, D. C.
71-011168
Moy, E. C.
71-010721
Moyle, P. B.
71-005551
71-005759
71-005844
71-006953
71-007064
71-007139
71-007287
71-008391
71-011713
71-012016
71-012428
71-012439
Mozley, S. C.
71-001247
Mrakovcic, M.
71-004724
Mrazik, B. R.
71-013475
Mudge, J. E.
71-010753
71-011169
Mudry, D. R.
71-008995
71-009814
Muehleman, C.
71-001751
Mueller, G.
71-006425
Mueller, J. J.
71-012805
Mueller, K. N.
71-001687
Muench, K. A.
71-000123
71-006426
71-006547
Mugiya, Y.
71-003583
71-003584
71-003585
71-003586
71-003587
Muir, B. S.
71-008428
Muir, J.
71-005234
71-005339
Muir, J. F.
71-001023
Muirhead-Thomson, R. C.
71-011170
71-011171
Mukhachev, I. S.
71-002097
Mukhamedova, A. F.
71-003588
Mukhopadhyay, M. K.
71-000749
Mukhopadhyay, P. K.
71-003589
Mukhopadhyay, S. K.
71-000411
71-003232
Mukoseyeva, Z. A.
71-004005
Mulcahy, D.
71-009433
71-009434
Mulcahy, M. F.
71-002956
Mulholland, P. J.
71-011976
Mullan, J. W.
71-012440
Mullen, M.
71-011809
Muller-Feuga, A.
71-003590
Muller, J. W.
71-000292
71-011173
Muller, K.
71-005235
Muller, M.
71-002963
Muller, R.
71-005236
71-005237
71-011068
Muller, R. E.
71-003591
Muller, R. G.
71-006052
Muller, W. E. G.
71-011020
Mulley, J. C.
71-012462
Mulligan, T. J.
71-012374
71-012375
Mullin, J. F.
71-003267
Mullis, A. W.
71-000004
71-006608
71-007470
71-008308
Mulvihill, E. L.
71-012017
71-012018
Mulyadi, Y.
71-000046
Mumphrey, A. J.
71-012019
Munawar, I. F.
71-001327
Munawar, M.
71-001056
71-001327
71-001356
Muncy, R. J.
71-010949
Munday, B. L.
71-009349
Mundie, J. H.
71-000275
Mundry, P. R.
71-005238
Munekiyo, M.
71-009140
Muniz, I. P.
71-010505
Munk, O.
71-001813
71-005118
Munnet, S. K.
71-001786
Munro, J. L.
71-005760
71-005852
Munro, J. R.
71-011126
71-011130
Munro, L. J.
71-001738
Munroe, A. L. S.
71-008930
Munroe, T. A.
71-005761
71-009563
Munshi, J. S. D.
71-001627
71-003685
Munson, B. H.
71-005239
Muntyan, S. P.
71-011172
Munz, H.
71-001814
Murachi, S.
71-003592
71-003623
71-010898
Murai, T.
71-000292
71-000451
71-000820
71-003593
71-003726
71-011173
71-012042
71-013276
Murakami, A.
71-000933
Murakami, M.
71-003290
Murakami, U.
71-005054
Murakami, Y.
71-007898
Muramatsu, T.
71-003594
71-003595
Muraszko, K.
71-002003
Murat, J. C.
71-003596
71-003597
Murata, H.
71-003598
71-003599
71-003600
71-003601
Murata, S.
71-003116
Murata, T.
71-010929
71-010930
Murathanoglu, O.
71-002832
Muratori, R. A.
71-000452
Muraveiko, V. M.
71-002323
Muravskaya, Z. A.
71-003602
Murawska, E.
71-007080
Murawski, S. A.
71-005762
71-005763
71-006053
71-006054
Murawski, W. S.
71-006427
Murchelano, R. A.
71-009161
71-009162
71-009440
Murdoch, W. W.
71-007140
Murdy, E. O.
71-006428
Murer, H.
71-002657
Murillo, A.
71-000725
71-000726
Murnane, M. B.
71-003408
Murofushi, M.
71-004725
71-004726
71-004727
Muroga, K.
71-009163
71-009164
71-009165
71-009167
71-009706
71-009707
71-009708
71-009815
Muromtseva, A. V.
71-003603
Murozuka, T.
71-003251
Murphy, B.
71-003064
Murphy, B. R.
71-010025
71-010315
71-011441
Murphy, C. E.
71-008948
Murphy, D.
71-002291
Murphy, G. G.
71-011463
Murphy, G. I.
71-000654
71-006380
Murphy, P.
71-003604
71-005672
Murphy, T.
71-002549
Murphy, T. C.
71-013302

[illegible]
[illegible]
Murray, A. B.
[illegible]
Murray, [illegible] K.
[illegible]
Murray, [illegible]
[illegible]
Murray, L. A.
71-010316
[illegible]
Murray, M. C.
71-011370
Murray, M. W.
71-000821
71-003726
Murray S. A.
71-001815
71-002352
71-003606
Murshed, S. M.
71-000453
Murthy, T. L.
71-011454
Murty, A. S.
71-011269
Murty, A. V. S.
71-008085
Murty, D. S.
71-000339
71-000340
71-000454
Murty, T. S.
71-001113
Murzabekova, N. M.
71-005721
Musacke, F. M.
71-007759
Mushacke, F. M.
71-008086
Musial, C.
71-010812
Musial, C. J.
71-010318
Musick, J. A.
71-005466
71-005527
71-005764
71-005871
71-008509
Musig, Y.
71-012655
Musina, N. Kh.
71-013096
Musiy, Yu. I.
71-008699
Mussalli, Y. G.
71-012707
Musser, W. N.
71-012231
Mustafa, S.
71-003607
71-003608
71-003609
71-005111
71-005240
71-007000
71-007561
71-007562
Muszynski, G.
71-004993
71-004994
Muth, S. E.
71-006429
Muthu, M. S.
71-008087
Muthukkaruppan, Vr.
71-003925
Muto, Y.
71-004014
Muzzall, P. M.
71-009817
71-009818
71-009819
71-009820
71-009821
71-009822
71-009823
71-009824
71-009825
Myagkov, N. A.
71-001816
71-001817
71-008648
71-008700
Myatt, D. O.
71-011951
Myers, D. N.
71-012883
Myers, G. L.
71-012885
Myers, J. D.
71-002949
Myers, M. R., Jr.
71-006609
71-007435
Myers, M. S.
71-008983
71-008984
71-009387
71-011110
Myers, R. H.
71-006717
Myhr, A. I. III
71-006686
Myhre, K.
71-009183
Myhre, R. J.
71-013263

Myklebust, R.
71-001818
Myrberg, A. A., Jr.
71-005049
Naab, R. C.
71-013264
Nabeshima, H.
71-003671
Nabi, G.
71-000889
Nadeau, R. L.
71-012978
Nadkarni, V. B.
71-003034
Naevdal, G.
71-003610
71-007361
71-007362
Naffai, M. K.
71-009496
Naipaktitis, B. G.
71-008701
Nagahama, H.
71-002148
Nagahama, Y.
71-001819
71-001820
71-003000
71-003345
71-003346
71-003611
71-003728
Nagai, A.
71-003612
71-003613
71-008897
Nagai, M.
71-003116
71-003614
71-003615
Nagano, M.
71-005974
Nagano, S.
71-003721
Nagata, S.
71-000439
71-003489
71-003492
71-003493
71-003494
71-003495
71-003496
71-003616
Nagel, M.
71-009826
Nagel, M. L.
71-009350
71-009351
Nagel, R.
71-011174
Nagel, R. L.
71-002290
71-002291
Nagel, T.
71-000822
71-001024
Nagelkerken, W. P.
71-005765
Nagiec, M.
71-005540
71-008366
71-008392
Nagy, A.
71-000455
71-004620
71-004728
Naidu, A. S.
71-001050
Naidu, J. R.
71-010107
Naidu, N. C.
71-010754
Nail, M. L.
71-013034
Naiman, R. J.
71-001357
71-001358
71-003617
71-006055
71-006056
71-007141
71-008393
Naiman, R. S.
71-007236
Nair, C. N.
71-001514
Nair, N. B.
71-001698
71-003325
71-003326
71-003889
71-004074
71-009829
Nair, R. V.
71-000621
71-001821
71-008088
71-008702
Naish, V. A.
71-013341
Naka, K.
71-010966
Nakagawa, H.
71-003618
71-003619
71-003620
71-003621
71-003622
71-003623

...CONTINUED...
Nakagawa, H.
71-010898
Nakagawa, Y.
71-009466
Nakagawasai, T.
71-004460
Nakahara, M.
71-003624
71-004158
71-004159
Nakahara, T.
71-006681
Nakai, K.
71-007506
Nakai, N.
71-003136
Nakai, T.
71-009165
Nakajima, H.
71-000429
71-009140
Nakajima, I.
71-004479
71-011550
Nakajima, K
71-009352
Nakajima, T.
71-001822
Nakamura, A.
71-012352
Nakamura, E. L.
71-005731
Nakamura, H.
71-002987
71-010005
71-012349
Nakamura, I.
71-008071
71-008089
71-010452
Nakamura, K.
71-004445
Nakamura, M.
71-000612
71-004676
71-004693
71-004694
Nakamura, N.
71-003277
71-010996
Nakamura, R.
71-004158
71-006676
Nakanishi, T.
71-001823
71-007884
71-008090
Nakano, K.
71-004676
Nakano, S.
71-008089
Nakashima, B. S.
71-000823
71-001163
71-006057
71-007142
Nakata, M.
71-003039
71-003625
Nakatani, R. E.
71-012084
Nakaya, K.
71-008091
Nakayama, H.
71-003124
Nakken, O.
71-005949
Nalbant, T. T.
71-008703
Nalepa, T. F.
71-010319
Nalewajko, C.
71-001359
Nammalwar, P.
71-007563
71-009827
Nanba, K.
71-003592
71-003623
Nance, S.
71-006430
Nance, W. S.
71-009816
Nandy, A. C.
71-000339
71-000340
71-011603
Nanri, H.
71-000829
Nantias, M.
71-012853
Naplin, A.
71-008099
Naplin, N. A.
71-001824
Nara, K.
71-012441
Narasimham, K. A.
71-005766
71-007564
71-008087
Narasimhamurti, C.
71-009828
Narayansingh, T.
71-000824
71-003626
Narbonne, J. F.
71-011175

...CONTINUED...
Narbonne, J. F.
71-011176
71-011177
Nardacci, G. A.
71-006406
Narver, D. W.
71-012106
Nasar, S. A. K.
71-006545
Nasev, D.
71-009029
Nash, A. R.
71-002698
71-003627
Nash, C. E.
71-000169
71-000418
71-000622
71-003628
71-004160
71-006369
71-011035
Nash, F.
71-008965
Nashimoto, K.
71-005241
71-005242
Nashioka, R. S.
71-004402
Nasukhov, O. N.
71-007143
Natarajan, A. V.
71-007144
71-012418
Natarajan, P.
71-008996
71-009829
Natarajan, R.
71-001901
71-006471
Nathan, A.
71-002783
National Institute of Oceanography
71-001339
National Marine Fisheries Service
71-011844
National Oceanic and Atmospheric Administration
71-000124
Natividad, M.
71-000429
Natochin, Yu. V.
71-003372
71-003373
71-003537
71-003629
71-003630
71-004293
Naumov, A. G.
71-002424
71-002425
Nava, M. E.
71-011178
Nawar, G.
71-001657
Nayudu, P. L.
71-001637
71-004729
71-004730
71-004731
Nayyar, S. K.
71-003631
Nazarov, N. A.
71-001825
Nazimirova, N. I.
71-003256
Ne'eman, Z.
71-001826
Neal, M. W.
71-012768
Neale, N. L.
71-003632
Nealson, K. H.
71-003400
Nearhoof, F. L.
71-011948
Nearhoof, K. F.
71-011948
Neary, T. J.
71-001838
Neave, D. A.
71-009540
Neaves, P. I.
71-001075
Nebeker, A. V.
71-009830
71-009831
71-009832
71-009833
71-009834
71-009835
71-010625
Nebrija, E.
71-010247
Nedelec, C.
71-012491
Nedic, D.
71-007981
Needham, E. A.
71-008997
71-009286
Needler, A. W. H.
71-012264
Neff, J. M.
71-010781
Neff, N. A.
71-004732
Neff, W. H.
71-010753

...CONTINUED...
Neff, W. H.
  71-011169
Nefyodova, Z. A.
  71-003421
Negilski, D. S.
  71-011179
Negishi, S.
  71-003670
Negonovskaya, I. T.
  71-003633
Nehring, R. B.
  71-012265
Neidhart, B.
  71-011011
Neifakh, A. A.
  71-004550
Neiheisel, T. M.
  71-010815
Neiheisel, T. W.
  71-010052
  71-010917
Neill, W. H.
  71-003634
  71-004886
  71-004898
  71-005395
Neilson, J. D.
  71-007145
Neish, G. A.
  71-009229
Neish, I. C.
  71-000029
Neitzel, D. A.
  71-001211
  71-001360
  71-013398
Nekrasov, V. V.
  71-008704
  71-008705
Nekrasova, M. Ya.
  71-006058
Nekrasova, N. P.
  71-006684
Nelichik, V. A.
  71-001827
Nelissen, M. H. J.
  71-005243
  71-005244
  71-005245
Nellen, W.
  71-007744
Nelson, D. O.
  71-003635
Nelson, D. R.
  71-005246
  71-006341
  71-006702
  71-006715
Nelson, E. M.
  71-001828
Nelson, G.
  71-008751
Nelson, G. G.
  71-005247
Nelson, J. D., Jr.
  71-010090
Nelson, J. L.
  71-006431
Nelson, J. R.
  71-009388
Nelson, J. S.
  71-001829
  71-004733
  71-004734
  71-008092
  71-008706
  71-008707
  71-008708
  71-008709
  71-008710
  71-008711
Nelson, K. F.
  71-011032
Nelson, K. L.
  71-012001
Nelson, N. C.
  71-004443
  71-009215
  71-009467
  71-011520
Nelson, R. E.
  71-012846
Nelson, R. W.
  71-012587
Nelson, S. G.
  71-001025
Nelson, T. C.
  71-011714
Nelson, W.
  71-012020
  71-012020
  71-012021
  71-012022
  71-012023
  71-012024
  71-012025
  71-012026
  71-012027
  71-012028
  71-012029
  71-012030
  71-012031
  71-012032
  71-012033
  71-012034
  71-012035
  71-012036
  71-012932
Nelson, W. C.
  71-012886
Nelson, W. R.
  71-005767
  71-006059
  71-006060
  71-006061
  71-013097
Nelva, A.
  71-012973
Nemecek, R. J.
  71-005768
Nemetz, T. G.
  71-000069
Neppelberg, T.
  71-004081
  71-011398
Neproshin, A. Yu.
  71-005248
  71-005249
  71-005250
Nepszy, S. J.
  71-006062
  71-009353
  71-012390
  71-012876
Neshumova, T. V.
  71-003502
  71-003636
Nesler, T. P.
  71-010320
Ness, H. O.
  71-012194
  71-013265
  71-013266
  71-013267
Nesterenko, N. A.
  71-003637
Nesterenko, N. V.
  71-006063
Nesterenko, V. F.
  71-003863
Nesterov, A. A.
  71-005769
  71-007565
Netherton, J. C. III
  71-004933
Neudecker, S.
  71-007146
Neudorf, D.
  71-010980
Neuman, E.
  71-007566
Neumann, P.
  71-002960
Nevenzel, J. C.
  71-003638
Neves, R. J.
  71-006677
Neveu, A.
  71-007147
Neville, C. M.
  71-003639
  71-011180
  71-011181
Nevins, M. J.
  71-011182
New Hampshire Fish and Game Department
  71-011845
New Zealand Ministry of Agriculture and Fisheries
  71-013456
Newbold, C.
  71-011183
Newbold, J. D.
  71-012037
  71-012038
Newborg, M.
  71-009836
Newburg, H. J.
  71-001225
  71-005770
Newbury, R. W.
  71-001087
Newcomb, T. W.
  71-009837
Newcome, N.
  71-006064
Newkirk, H. D.
  71-001084
Newman, A.
  71-003412
Newman, G.
  71-013268
Newman, M. W.
  71-009354
  71-009355
Newman, S. G.
  71-009166
Newsome, G. E.
  71-007149
  71-012712
Newsome, G. E. (Buck)
  71-007148
Newstead, R. G.
  71-001110
Newton, A. W.
  71-012714
Newton, R. B.
  71-012072
Newton, S. H.
  71-000057
  71-000446
  71-000456
  71-000457
  71-000458
Ney, J. J.
  71-004735
  71-007040
  71-007150
...CONTINUED...
Ney, J. J.
  71-010413
  71-012001
  71-012002
  71-012559
Neyelov, A. V.
  71-008458
  71-008561
Nezdoliy, V. K.
  71-006432
  71-006684
Ng, T. B.
  71-003640
  71-003641
  71-003642
Ng, W. W.-S.
  71-002837
Ngan, P. V.
  71-002903
Ni, I.-H.
  71-006065
Niblett, P. D.
  71-011604
Nicholas, D.
  71-011715
Nicholas, J. P.
  71-009257
Nichols, D. E.
  71-011184
Nichols, F. H.
  71-007422
Nichols, L. E.
  71-007470
Nichols, S. J.
  71-010205
Nicholson, B. L.
  71-009224
  71-009441
  71-009451
  71-009452
Nicholson, H. F.
  71-013457
  71-013458
  71-013459
Nicholson, J.
  71-008279
Nicholson, L. W.
  71-000803
Nicholson, W. R.
  71-007567
  71-012195
Nichy, F.
  71-007374
Nickerson, J. T. R.
  71-013269
Nickerson, R. B.
  71-004736
Nickol, B. B.
  71-009838
  71-009908
Nickum, J. G.
  71-000724
Nicol, J. A. C.
  71-001421
  71-001422
  71-001523
  71-001745
  71-001830
  71-001831
  71-001832
  71-001833
  71-001834
  71-002099
  71-004355
  71-011509
Nicola, S. J.
  71-007680
  71-007681
  71-008592
Nicolai, B.
  71-003967
Nicolas, J. R.
  71-007161
Nicols, J. H.
  71-003921
Niederholzer, R.
  71-003643
  71-006979
  71-007151
Nielsen, J. B. K.
  71-003816
Nielsen, J. G.
  71-008516
  71-008631
Nielsen, L. A.
  71-006066
  71-007152
  71-008134
  71-011716
  71-012786
  71-013270
Nielsen, O.
  71-009426
Nieman, D. A.
  71-006433
  71-010321
Nigrelli, R. F.
  71-009259
  71-009260
Nigro, A. A.
  71-012559
Niimi, A. J.
  71-001835
  71-010322
  71-010323
  71-011185
  71-011186
...CONTINUED...
Niimi, A. J.
  71-011187
Nijssen, H.
  71-008632
  71-008633
Nikanorov, Yu. I.
  71-000048
Nikinmaa, M.
  71-003644
  71-004077
Nikol'skaya, M. P.
  71-002603
Nikol'skaya, N. G.
  71-003645
Nikol'skii, I. D.
  71-005149
Nikol'skiy, G. B.
  71-013080
Nikol'skiy, G. V.
  71-001836
  71-006067
  71-007153
  71-011717
  71-013271
Nikolayev, A. S.
  71-006434
Nilaver, G.
  71-002884
Nilov, V. I.
  71-011188
Nilsen, G. B.
  71-005251
Nilsson, S.
  71-002109
  71-002110
  71-002111
  71-003646
  71-003786
  71-003787
  71-004256
  71-004319
  71-004320
  71-010958
Nimmo, D. R.
  71-000978
  71-011189
Nimmo, I. A.
  71-003647
Nishi, K.
  71-003648
  71-003649
Nishibuchi, M.
  71-009164
  71-009167
Nishida, M.
  71-003650
  71-006435
Nishide, E.
  71-010927
Nishikata, K.
  71-003574
Nishikawa, K.
  71-003651
Nishikawa, S.
  71-004727
Nishimoto, R. N.
  71-012338
Nishimura, H.
  71-003652
  71-013399
Nishimura, K.
  71-010930
Nishimura, T.
  71-009455
Nishimuro, S.
  71-003571
Nishioka, F.
  71-003653
Nishioka, R. S.
  71-002123
  71-002124
  71-002674
  71-002761
  71-003654
  71-003655
  71-004421
Nishita, K.
  71-004463
Nishiyama, S.
  71-012349
Nisizawa, K.
  71-010927
Niu, M. C.
  71-004241
  71-004242
Niukkanen, N. L.
  71-001807
Niwa, H.
  71-005252
  71-005253
Nixon, D. E.
  71-006678
Nixon, J. E.
  71-002631
  71-010885
  71-011064
Nixon, S. W.
  71-006254
Nizovtsev, G. P.
  71-007987
  71-008093
  71-008094
Noble, A.
  71-006679
Noble, E. R.
  71-009341
  71-009342
  71-009343

..CONTINUED...
Noble, E. R.
71-009344
71-009345
71-009346
71-009348
71-009748
71-009852
Noble, R. D.
71-001114
Noble, R. E.
71-008344
Noble, R. L.
71-005964
71-007633
71-007840
71-008394
71-011713
71-013014
Noe, B. D.
71-002707
71-002708
Noe, L. A.
71-012699
Noel-Lambot, F.
71-011190
Noell, W. C.
71-010334
Noeske, T. A.
71-004095
71-004097
71-004098
71-004099
71-004100
71-011414
Nolan, R. S.
71-006680
Nolard-Tintigner, N.
71-009232
Nomura, M.
71-004111
Nomura, T.
71-003656
71-003677
71-009168
71-011191
Nonaka, J.
71-004315
71-004316
71-004317
Nonaka, S.
71-008233
Nonnotte, G.
71-003657
Nonnotte, L.
71-003657
Noor-Hamid, S.
71-008031
71-008095
71-012588
Nopanitaya, W.
71-001837
Nor, L. A.
71-007407
Norden, A.
71-008002
Norden, C. R.
71-002995
71-006313
71-006903
71-006904
Nordeng, H.
71-006436
Nordin, J.
71-010254
Nordlie, F. G.
71-003658
71-003659
71-003660
Noreyko, D. S.
71-011724
Noriega-Curtis, P.
71-012656
Norman, M. D.
71-008906
Norris, D. E.
71-009839
Norris, D. O.
71-004408
Norris, J. S.
71-004408
Norris, L. A.
71-010872
71-010877
71-011061
71-011150
71-011507
Norrocky, M. J.
71-007928
Norstrom, R. J.
71-011192
71-011193
North American Salmon Research Center
71-011846
71-011847
North, E.
71-005254
North, W. J.
71-000030
Northcutt, R. G.
71-001838
71-003661
71-013460
Northmore, D. P. M.
71-003662
Norton, M. G.
71-010119
71-010120
71-010121

...CONTINUED...
Norton, M. G.
71-010316
71-010317
71-010324
71-010610
71-011194
Norton, S. E.
71-012039
71-012047
Norton, V.
71-013147
Norton, V. C.
71-001088
Norton, V. J.
71-013272
Norton, V. M.
71-002494
71-003663
71-013399
Norum, K. R.
71-002511
Nosacek, I.
71-001839
Nosacek, N.
71-001839
Nose, T.
71-000910
71-000933
Notini, M.
71-010325
Nott, J.
71-000752
Notter, M.
71-010767
Novacek, M. J.
71-008096
Novikov, A. S.
71-008753
Novikov, G. G.
71-000254
71-003664
Novinger, G. D.
71-012397
71-013035
Novoa, D.
71-013273
Novotny, A. J.
71-000587
71-009083
71-009090
71-009110
71-009169
71-009170
Novotny, J. F.
71-001249
71-011972
71-013090
Nowell, W. A.
71-006295
Nriagu, J. O.
71-001136
Ntaoulas, Ch.
71-007651
Numachi, K.
71-004184
Numann, W.
71-008097
71-008347
71-008380
Nunnally, N. R.
71-012040
Nunny, R. S.
71-010119
71-010120
71-010121
71-010317
Nuorteva, P.
71-011195
Nursall, J. R.
71-005255
Nusenbaum, L. M.
71-012700
Nybelin, O.
71-008712
Nyberg, P.
71-010326
Nyegaard, C. W.
71-009170
Nyholm, K.
71-003058
71-011397
Nyman, L.
71-005648
Nyman, O. L.
71-009509
Nynolm, K.
71-004078
Nzioka, R. M.
71-006437
O'Boyle, R. N.
71-003398
O'Brien, F. I.
71-007850
O'Brien, R. N.
71-003665
O'Brien, W. J.
71-005430
71-006872
71-006873
71-007028
71-007154
71-007309
O'Bryan, G. K.
71-010327
O'Connell, C. P.
71-003666
O'Connor, D. V.
71-011196

O'Connor, E. F.
71-002377
O'Connor, J. F.
71-001250
71-006068
71-006069
O'Connor, J. M.
71-004757
71-010678
71-012589
O'Donnell-Jeffery, N. L.
71-010705
O'Dor, R. K.
71-002729
O'Grady, K. T.
71-010531
71-013470
O'Grodnick, J.
71-009357
O'Grodnick, J. J.
71-009297
71-009356
O'Keefe, T. M.
71-000825
O'Kelley, J. C.
71-011197
O'Leary, P. J.
71-009171
O'Neal, R. P.
71-012887
O'Neill, C.
71-010116
71-010328
O'Neill, J. G.
71-003060
71-003667
O'Neill, R. V.
71-012746
O'Toole, M. J.
71-007684
Oakes, C. C.
71-006635
Oakley, A.
71-012926
Oates, D.
71-010329
Oates, P. H.
71-013107
Oba, K.
71-011198
Obara, S.
71-003668
71-003687
Obara, T.
71-003191
71-004157
Obenchain, C. L.
71-001824
71-007842
Obendorf, D. L.
71-009349
Oberstar, G. P.
71-006635
Oberts, G. L.
71-010330
Obika, M.
71-001759
71-001774
71-001840
71-001841
71-001842
71-003669
71-003670
Occhiogrosso, T.
71-013364
Oceanic Institute
71-000623
Ochalek, R. M.
71-001115
Ochiai, A.
71-003671
Ochsner, J. C.
71-010778
Oda, S.
71-002974
Odajima, R.
71-000838
Odemar, M.
71-013274
Odense, P. H.
71-001805
71-003672
71-010812
Odom, R. R.
71-010148
Oduleye, S. O.
71-003673
71-003674
71-003675
71-003676
Odum, R. R.
71-010149
Oei, R.
71-003483
Oelschlager, H. A.
71-008719
Oetinger, D. F.
71-009840
Oetting, R. B.
71-011990
Ofsted, E. B.
71-011443
Ogale, S. N.
71-000417
71-000961
71-005698
Ogambo-Ongoma, A.
71-009783

Ogasawara, Y.
71-005771
Ogata, H.
71-003677
Ogata, M.
71-010331
71-010332
71-010333
Ogawa, K.
71-002924
71-004451
71-009841
71-009842
71-009843
71-009844
71-009845
Ogawa, M.
71-003678
Ogawa, Y.
71-006681
71-012041
71-013275
Oghalai, R.
71-011809
Ogilvie, D. M.
71-011148
71-011199
Ogilvy, C. S.
71-004981
Ogino, C.
71-000826
71-000827
71-000828
71-000829
71-000830
71-000831
71-000832
71-000833
71-000834
71-000835
71-000904
71-000911
71-000912
71-000913
71-000914
71-000915
71-000916
71-000933
71-004352
Ogle, D. G.
71-012988
Ogle, J.
71-000031
Ogle, J. T.
71-009430
Oglesby, G. B.
71-010334
Oglesby, J. L.
71-009521
Oglesby, R. T.
71-001361
71-008395
Ogren, L. H.
71-011953
Ogure, M.
71-003679
Oguri, M.
71-001843
71-001844
71-003680
71-003681
71-004254
71-004486
71-004487
71-004488
71-010433
Ogurtsov, G. I.
71-000459
71-004589
Ohara, Y.
71-010868
Ohi, S.
71-005256
Ohkuma, K.
71-012442
71-012546
Ohman, P.
71-001525
Ohnishi, M.
71-003682
Ohnishi, R.
71-002012
Ohsugi, T.
71-002973
Ohta, T.
71-003130
Ohwa, F.
71-000784
Ohyama, T.
71-003715
Ohzu, E.
71-003683
Oiestad, V.
71-001529
Oikari, A.
71-003684
71-004076
71-010010
Oikawa, S.
71-004727
Oishi, K.
71-005615
71-009846
71-010003
71-010004
Ojha, J.
71-001902
71-002512

...CONTINUED...
Ojha, J.
  71-003685
Ojima, Y.
  71-004738
  71-004739
  71-004740
  71-004741
  71-004835
  71-004836
  71-004837
Okabayashi, J.
  71-003932
Okada, H.
  71-003686
  71-006438
Okada, M.
  71-000438
  71-000439
Okada, N.
  71-004152
Okada, Y.
  71-004819
Okamoto, M.
  71-012042
  71-013276
Okamoto, N.
  71-009455
Okata, A.
  71-006682
Okera, W.
  71-008098
Okitsu, S.
  71-003687
Oksama, M.
  71-011200
Okubo, A.
  71-005257
Okubo, W. I.
  71-010237
Okukawa, G.
  71-012441
Olafsen, J.
  71-009183
Olah, J.
  71-002668
  71-002669
  71-002670
  71-009230
  71-012649
Olaniyan, C. I. O.
  71-006990
Olatunde, A. A.
  71-003688
  71-006070
  71-006439
  71-007155
  71-007156
  71-007568
Olcese, J.
  71-002558
  71-003689
  71-003690
  71-003693
Olcese, J. M.
  71-003691
  71-003692
Oliphant, M. S.
  71-012196
Olive, J. H.
  71-001256
Olive, S.
  71-012995
Oliveira, M. M.
  71-003694
Oliver, D. R.
  71-001251
Oliver, G.
  71-009847
Oliver, J. D.
  71-008396
Oliver, J. L.
  71-012043
Oliver, J. S.
  71-001222
Oliver, W. S.
  71-010687
Olivereau, J.
  71-003695
  71-003696
  71-003698
  71-003699
Olivereau, J.-M.
  71-003703
  71-003704
Olivereau, M.
  71-002412
  71-003185
  71-003695
  71-003696
  71-003697
  71-003698
  71-003699
  71-003700
  71-003701
  71-003702
  71-003703
  71-003704
Olivieri, O.
  71-000924
Olla, B. L.
  71-003705
  71-005258
  71-006440
Olley, J.
  71-002259
Olmsted, L. L.
  71-005772
  71-007569

...CONTINUED...
Olmsted, L. L.
  71-009322
  71-011810
Olmsted, L. R.
  71-007157
Olney, J. E.
  71-001845
  71-008099
  71-008713
Oloffs, P. C.
  71-010559
Olofsson, S.
  71-005259
  71-011201
Olsen, A. M.
  71-013210
Olsen, D. A.
  71-012590
Olsen, E. K.
  71-006441
Olsen, T.
  71-009848
Olsho, L.
  71-002681
Olson, A. C., Jr.
  71-009565
  71-009849
  71-009850
  71-009851
Olson, D. L.
  71-003706
Olson, D. T.
  71-010577
Olson, G. A.
  71-003708
  71-005260
Olson, G. F.
  71-011125
  71-011202
Olson, J. E.
  71-006043
  71-011798
  71-012587
Olson, J. R.
  71-011022
Olson, K. R.
  71-003017
  71-003089
  71-003707
  71-011203
Olson, L. E.
  71-010602
  71-011102
  71-011204
  71-011393
Olson, L. J.
  71-008998
Olson, R. D.
  71-003708
  71-005260
Olson, R. E.
  71-008935
  71-008999
  71-009000
  71-009358
Olsson, M.
  71-010335
  71-010336
Olszyna-Marzys, A. E.
  71-010381
Olver, C. H.
  71-005685
  71-005892
  71-006442
  71-008360
Omarov, M. O.
  71-000421
Omernik, J. M.
  71-010337
Omura, Y.
  71-001846
  71-001847
Ondok, J. P.
  71-001116
Ongley, E. D.
  71-001164
Ono, R. D.
  71-001848
Onoue, Y.
  71-003709
Onozato, H.
  71-003710
  71-004527
Ooi, E. C.
  71-001849
  71-001850
  71-002092
  71-003711
  71-004499
Ooi, H. S. D.
  71-004447
Oommen, V. P.
  71-008100
Ooshima, Y.
  71-003680
Ooshiro, Z.
  71-002945
  71-002946
  71-002947
Oostdam, B. L.
  71-010883
Oowa, F.
  71-000786
  71-000936
  71-000938
Opdyke, D. F.
  71-003018

...CONTINUED...
Opdyke, D. F.
  71-003712
  71-003713
Oppenheimer, J. M.
  71-003714
Opuszynski, K.
  71-000460
  71-000461
  71-000462
Orawski, A. A.
  71-005001
Orciari, R. D.
  71-011605
Ord, W. M.
  71-009442
Ordal, E. J.
  71-008443
Ordzie, C. J.
  71-005261
Orentreich, N.
  71-003469
Organization for Economic Co-operation
  and Development
  71-011718
  71-011848
Orias, J. D.
  71-009852
Oriente, G.
  71-010016
Orimo, H.
  71-003715
  71-004464
  71-004465
Orlova, E. L.
  71-007158
Orlovsky, G. N.
  71-005123
  71-007022
Orme, L. E.
  71-000245
  71-000858
  71-000859
  71-000860
Ormond, R. F. G.
  71-007159
  71-008750
Orr, J. R.
  71-011205
Orr, M. H.
  71-013400
Orsborn, J. F.
  71-012974
Orsi, J. J.
  71-007525
Ortega-Salas, A. A.
  71-005773
Orth, D. J.
  71-000125
  71-006071
  71-012787
Orvig, T.
  71-001851
Osborn, R. H.
  71-003716
  71-003717
Osborn, T. C.
  71-012146
  71-012863
Osborne, J. A.
  71-000369
Osborne, M. D.
  71-000897
Osborne, T. S.
  71-008741
Oseid, D. M.
  71-009231
  71-011389
  71-011390
  71-011391
  71-011392
  71-011393
Osipov, V. G.
  71-008714
Osorio, H. H.
  71-007134
Osse, J. W. M.
  71-001377
  71-001729
Osterkamp, T. E.
  71-001050
Ostroumov, A. G.
  71-008101
Ostroumova, I. N.
  71-000836
  71-000837
Ostrowski, A. C.
  71-005315
Osuga, D. T.
  71-003718
Oswald, R. L.
  71-007160
  71-011206
Ota, T.
  71-000838
  71-003719
  71-003720
Otake, S.
  71-003721
  71-010338
Otani, M.
  71-003715
Otobo, F. O.
  71-001852
  71-012591
  71-013098
Ots, J-P.
  71-005774

Otsuki, A.
  71-011449
Ott, A. G.
  71-000090
  71-000236
Ott, W. R.
  71-010339
Ottawa River Project Group
  71-010340
Ottaway, E. M.
  71-007570
  71-007571
  71-007572
  71-007573
Otte, G.
  71-000624
  71-006072
Otto, C.
  71-005775
  71-012888
Otto, R. G.
  71-004793
  71-005068
  71-005262
  71-005263
  71-008785
Otto, R. S.
  71-004742
Ottosen, P. D.
  71-001853
Ouellet, G.
  71-006443
Oug, E.
  71-008011
Outram, D. N.
  71-006960
Outten, L. M.
  71-004743
  71-008102
  71-008103
Ovcharov, O. P.
  71-001699
  71-001854
  71-001855
  71-005264
  71-005265
Oven, L. S.
  71-003722
  71-005612
Overholtz, W. J.
  71-007161
  71-012044
Overmann, G. J.
  71-005656
  71-005682
Overrein, L. N.
  71-010341
Overstreet, R. M.
  71-009244
  71-009277
  71-009368
  71-009601
  71-009640
  71-009641
  71-009642
  71-009687
  71-009839
  71-009853
  71-009854
  71-009855
Overton, C. K.
  71-007162
Oviatt, C. A.
  71-006254
  71-007163
Owen, J. B.
  71-006157
Owen, J. M.
  71-000713
  71-003723
  71-004212
Owen, W. B., Jr.
  71-008906
Owens, A.
  71-003724
Owens, D. W.
  71-002798
Owens, E. H.
  71-010342
Owens, W. J.
  71-009469
Owers, J. E.
  71-012197
Owings, D. H.
  71-006385
  71-006386
Oxford, S. L.
  71-007519
Oxley, D. J.
  71-008104
Oyaveyer, E. A.
  71-006444
Ozaki, Y.
  71-006355
Ozawa, T.
  71-008232
Ozburn, G. W.
  71-011386
Ozhegov, L. N.
  71-011016
Ozoh, P. T. E.
  71-011207
  71-011208
  71-011209
  71-011210
  71-011211
Paasivirta, J.
  71-010186

...CONTINUED...
[illegible], J.
[illegible]
Pacheco, A. L.
71-005763
Pacific Marine Fisheries Commission
71-011625
71-011849
Packer, R. K.
71-003725
Padetskiy, S. N.
71-006331
Padlan, P. G.
71-000463
71-000625
Padron, M.
71-008726
Pagan-Font, F. A.
71-000368
Page, D. S.
71-010296
Page, G.
71-005776
Page, J. W.
71-003726
71-004596
Page, L. M.
71-001858
71-004744
71-005513
71-005514
71-005777
71-005778
71-005779
71-006839
71-007574
71-008105
71-008106
71-008671
71-008715
71-008716
71-008717
71-008718
71-008797
Page, T. L.
71-001360
71-013398
Pagel, C.
71-010344
Pagel, P. M.
71-006445
Pahkorukov, N. P.
71-007875
Paine, R. T.
71-007164
Pakhorukov, A. M.
71-006684
Pakhorukov, N. P.
71-005610
Pakrasi, B. B.
71-000315
71-007714
Pal, B. C.
71-009856
Pal, J.
71-009856
Pal, N.
71-011495
Pal, R. N.
71-004206
71-009001
71-009172
71-009857
Paladino, V. F.
71-011415
Pallo, S.
71-008074
Palmer, A. R.
71-007164
Palmer, G.
71-008719
Palmer, J. E.
71-013164
Palmer, M. D.
71-010373
Palmieri, J. R.
71-009681
71-009858
Palmork, K. H.
71-004081
71-011398
Paloheimo, J. E.
71-007165
71-012788
Paloma, P. A.
71-008851
Pals, N.
71-005266
Palumbi, S. R.
71-003727
Palusiak, K.
71-010353
Pamatmat, M. M.
71-012657
Panasenko, V. A.
71-001859
71-006446
71-007046
Pancoe, W. L.
71-002822
Pandey, B. N.
71-002512
71-004033
Pandey, P. K.
71-002512
71-003556
Pandey, S.
71-000419
71-003346

...CONTINUED...
Pandey, S.
71-003728
Pandian, T. J.
71-000878
71-003729
71-003823
71-004300
Pandit, P. K.
71-002803
71-006344
Pandya, C. H.
71-003464
Panek, F. M.
71-006447
71-012198
71-013036
Pang, P. K. T.
71-002182
71-002771
71-002860
71-003730
71-003731
71-003732
71-003733
71-003734
71-010837
Pang, R. K.
71-003733
Panigrahi, A. K.
71-011212
71-011213
71-011214
Pantelouris, E. M.
71-004745
71-004746
Panusz, H.
71-010353
Panwar, R. S.
71-011215
Papaconstantinou, C.
71-001861
71-003735
71-007651
71-008107
Papaconstantinou, C. A.
71-001860
Papadopoulou, C.
71-010345
Papageorgiou, K. N.
71-007575
Papageorgiou, N. K.
71-005780
71-006448
Papaparaskeva-Papoutsoglou, E.
71-000841
Papaparaskeva-Papoutsoglou, E. G.
71-000464
71-000839
71-003736
Paperna, I.
71-001862
71-009002
71-009003
71-009004
71-009443
71-009859
71-009860
71-009861
71-009862
71-009914
Papkoff, H.
71-002674
Papoutsoglou, S. E.
71-000464
71-000839
71-000840
71-000841
71-003736
71-003737
71-009005
Paquette, G.
71-002538
71-002546
Paradis, M.
71-001165
Paragamian, V. L.
71-006073
71-006074
71-007166
71-007167
71-008108
71-013099
Parameswaran, S.
71-005781
71-006449
71-012658
Paranjape, M. A.
71-007229
Pardo, R. J.
71-002548
71-003738
Pardue, G. B.
71-004651
71-011967
71-012942
Parejko, R.
71-010346
71-011216
Parent, S.
71-006450
Parente, W. D.
71-006841
Parenteau, P. A.
71-011719
Parfitt, C. H.
71-010070
Parin, N. V.
71-008720

...CONTINUED...
Parin, N. V.
71-008721
Paris, D. F.
71-010200
Paris, H.
71-003596
Park, D. L.
71-012695
Park, E. H.
71-004747
Park, S. D.
71-004747
Parker, B. C.
71-010671
71-010672
71-010675
Parker, D.
71-007581
Parker, F.
71-010170
Parker, F. L.
71-012789
Parker, F. R., Jr.
71-003739
71-006248
Parker, J. I.
71-001252
Parker, N. C.
71-000126
71-000465
71-000626
71-000627
71-001026
71-001215
71-004223
71-005267
Parker, R. A.
71-001328
Parker, R. O., Jr.
71-007940
71-012045
71-012086
Parkhurst, B. R.
71-011217
Parkhurst, F.
71-012020
71-012034
Parkinson, E. A.
71-012046
Parkman, R. W.
71-000127
71-000128
Parks, N. B.
71-012199
71-013277
71-013278
Parks, R. W.
71-000323
Parks, W. W.
71-012266
Parliament of New South Wales
71-011850
Parmanne, R.
71-006112
71-006113
71-006114
71-006115
71-006116
71-006117
71-006118
71-006119
71-006120
71-006121
71-006707
71-006708
71-006709
Parrack, M. L.
71-012200
Parris, G. E.
71-010347
Parrish, F. K.
71-011876
Parrish, J. D.
71-007168
71-012039
71-012047
Parrish, P. R.
71-008229
71-010915
71-011218
71-011339
Parrish, R. H.
71-006075
71-006076
71-006077
Parsons, J.
71-006683
Parsons, J. D.
71-010348
Parsons, J. W.
71-007881
71-007883
Parsons, K. E.
71-005397
Parsons, R. F.
71-013055
Parsons, T. R.
71-010646
71-011001
Partridge, B. L.
71-005268
71-005269
71-005270
71-005288
71-006451
Partridge, F. E.
71-006462
Parukhin, A. M.
71-009863

Parvaneh, V.
71-010349
Parvatheswararao, V.
71-001863
Parzefall, J.
71-005271
Pasanen, S.
71-003740
Pascal, M.
71-007556
Pasch, R. W.
71-005782
71-007169
71-012549
Pascoe, D.
71-009864
71-010590
71-011219
71-011220
Pascual, F. P.
71-000795
Pashkova, T. Ye.
71-008109
Pashley, A. E.
71-001127
Pass, D. A.
71-009118
Passino, D. R. M.
71-011221
71-011222
Patchell, G. J.
71-004802
Patent, G. J.
71-003741
Paterson, C. G.
71-004562
Paterson, W. B.
71-009274
71-009275
Paterson, W. D.
71-009173
Pathak, S. C.
71-005783
Patnaik, S.
71-000032
71-005784
71-005785
Paton, B. C.
71-002455
Patriarche, M. H.
71-012889
Patric, J. H.
71-013476
Patrick, F. M.
71-011223
Patrick, J. M., Jr.
71-010580
71-011218
71-011339
71-011340
71-011610
Patrick, R.
71-011224
Patrick, W. H., Jr.
71-010350
Patten, B. G.
71-003742
71-007170
71-010084
Patterson, C. C.
71-010417
Patterson, D. W.
71-013037
Patterson, L. M.
71-005900
Patton, J. S.
71-003743
Patula, D.
71-006582
Patzner, R. A.
71-001864
71-003744
71-003745
71-003746
71-005020
Paul, D. H.
71-001865
71-001866
71-001867
71-003747
71-003748
Paul, L. J.
71-004801
71-008155
71-008581
Paulencu, C. R.
71-002199
71-003781
Paulhus, P.
71-009415
Paulin, C. D.
71-008110
71-008722
71-008723
Paulsen, C. L.
71-001027
71-003628
Paulson, A. C.
71-004071
71-005272
71-006452
Paulson, B.
71-005573
Paulson, L. J.
71-001052
71-003749
71-007117

Paveljeva, E. B.
71-001365
Pavlov, D. A.
71-003750
71-006453
71-006454
Pavlov, D. S.
71-005273
71-006684
Pavlovic, M.
71-003821
Pavlovskaya, L. P.
71-001868
Pavlovskaya, R. M.
71-008397
Pawlowski, N. E.
71-002631
71-010885
71-011064
Pawson, D. L.
71-001253
Pawson, M. G.
71-005274
71-012592
Paxton, J. R.
71-008834
Paxton, K. O.
71-012201
Paxton, R.
71-003751
71-003752
Payan, P.
71-002232
71-002815
71-002816
71-003123
71-003753
71-003754
71-003755
71-003756
Payer, R. D.
71-006078
Payne, A. I.
71-003757
71-005786
71-007576
Payne, G.
71-001181
Payne, J. F.
71-010351
71-010801
71-011225
Payne, N. R.
71-006127
71-008422
Payne, P. M.
71-012391
Payne, R. H.
71-004579
71-004580
Payne, T. R.
71-010683
71-010684
Payusova, A. N.
71-001869
71-004748
71-006992
Payusova, A. P.
71-006455
Peace, D.
71-006337
Peakall, D. B.
71-010475
Pearcy, W. G.
71-001329
71-001335
71-003314
71-005275
71-005787
71-007047
71-007171
71-007172
71-007296
71-008151
71-010107
71-012553
Pearse, A. G. E.
71-003357
Pearse, P. H.
71-012263
71-012267
71-013279
Pearson, F. H.
71-010352
Pearson, J. C.
71-009865
Pearson, J. E.
71-010420
Pearson, R. G.
71-012048
Pearson, W. D.
71-003040
71-003177
71-004286
71-005428
71-006829
71-007173
71-012175
71-013397
Pease, B. C.
71-000628
Pechkurenkov, V. L.
71-011226
Peck, J. M., Jr.
71-010297
71-011111
Peck, T. H.
71-009931
Peckarshy, B. L.
71-001254
Pecor, C. H.
71-000466
Peden, A. E.
71-001870
71-005276
71-006685
71-007710
71-007835
71-008111
71-008112
71-008113
71-008114
71-008115
71-008219
71-008724
71-008725
Pedersen, M. G.
71-011227
71-013280
Pederson, G. L.
71-001330
Pedley, R. B.
71-007174
71-012443
Pedrick, R. A.
71-013281
Pedro, D. N.
71-002317
Peduzzi, R.
71-009232
71-012593
Peek, W. D.
71-001871
71-001872
Peeke, H. V. S.
71-005005
71-005143
71-005218
71-005277
Peele, P. H.
71-002313
Pegg, W. J.
71-011228
Pehrson, R. V.
71-011720
Peignoux-Deville, J.
71-003545
71-003758
Peine, J. D.
71-011721
Peirce, E. C. II
71-003225
Pelham, R. E.
71-002005
Pella, J. J.
71-000157
71-006079
Pellacani, T.
71-010093
Peltier, W.
71-011229
Pelton, C.
71-001029
Peltonen, G. J.
71-013263
Pelzman, R. J.
71-006080
71-011722
71-012268
71-012355
71-012444
Pemberton, R.
71-006081
71-007175
Penaz, M.
71-001856
71-001857
71-010343
71-011723
Penczak, T.
71-003759
71-007577
71-010353
71-010354
Pendergast, D. R.
71-003318
Penkal, R. F.
71-012954
Pennak, R. W.
71-001076
Penney, G. H.
71-006150
Penney, R. K.
71-003760
71-003761
Pennington, C. H.
71-000467
71-000468
71-009866
Penrith, M. J.
71-007976
Penrose, J. D.
71-013401
71-013402
Penrose, W. R.
71-000972
71-010351
71-010482
71-011488
Penton, V. E.
71-013406
Pentreath, R. J.
71-010355
71-011230
71-011231
71-011232
...CONTINUED...
Pentreath, R. J.
71-011233
71-011234
71-011235
Peplinski, A. J.
71-010632
Pepper, V. A.
71-005585
Pequeno R., G.
71-008116
Percy, J. A.
71-011236
Percy, L. R.
71-003762
71-003763
Percy, R.
71-003764
Percy, R. C.
71-003831
Perera, P. A. B.
71-003765
Peres, G.
71-002272
71-002273
71-003771
71-003772
71-004205
71-010750
Perez, J. E.
71-003766
71-003767
71-003768
71-008726
Perkins, C. J.
71-011573
Perkins, E. J.
71-010008
Perkins, P. J.
71-005008
Perkins, P. S.
71-009608
Perks, A. M.
71-003917
Perlmutter, A.
71-002270
71-002764
71-004909
71-009458
71-011282
71-011283
71-011308
71-011413
Perlmutter, D.
71-012083
Permitin, Yu. Ye.
71-008117
71-008727
Perna, A.
71-011237
Perodou, J. B.
71-007119
Perrier, C.
71-003769
71-003770
71-003771
71-003772
71-003773
Perrier, H.
71-003769
71-003770
71-003771
71-003772
71-003773
Perrin, J. F.
71-007176
Perrine, D.
71-003774
Perrone, M.
71-006456
Perrone, M., Jr.
71-005278
Perrone, S. J.
71-011131
71-011238
Perry W. G.
71-006082
Perry, A. S.
71-010890
Perry, I. R.
71-000920
Perry, J. A.
71-010356
Perry, J. W.
71-003775
71-003776
Perry, K. R.
71-000469
Perry, S. F.
71-001629
71-002929
71-010922
Perry, W. G.
71-000293
71-000629
71-006457
71-006747
71-007578
71-008118
71-008119
71-012534
71-012594
Perry, W. G., Jr.
71-000470
Persat, H.
71-012973
Perschbacher, P. W.
71-008120
Persell, R.
71-002919
Persoone, G.
71-000129
71-001037
Persov, G. M.
71-011239
Persson, L.
71-003777
71-006890
Persson, P.-E.
71-010357
Pertseva-Ostroumova, T. A.
71-001873
71-008728
Perzanowska, A.
71-003778
Pesely, A.
71-003803
Peshkevich, A. N.
71-011724
Peter, R.
71-002502
Peter, R. E.
71-000351
71-002199
71-002248
71-002467
71-002468
71-002469
71-002490
71-002757
71-002758
71-002759
71-003032
71-003339
71-003520
71-003779
71-003780
71-003781
71-004107
71-004397
71-004398
71-004399
71-004400
Peterka, J. J.
71-003782
71-008121
71-008122
71-012885
Peterle, T. J.
71-010537
71-011818
Peterman, L.
71-012954
Peterman, L. G.
71-008123
71-012975
Peterman, R. M.
71-007177
71-008398
71-011725
71-012790
71-012820
Peters, C. E.
71-006458
Peters, D. S.
71-003045
Peters, E. J.
71-007093
71-008027
71-008257
Peters, G.
71-003783
71-009867
71-009868
71-009869
71-009870
Peters, G. B.
71-011240
Peters, H. M.
71-001874
71-005496
Peters, J. C.
71-010358
Peters, L. S.
71-010678
Peters, N.
71-009747
71-009867
71-009870
Peters, R. C.
71-002313
Peters, R. H.
71-001166
71-001167
Petersen, G. H.
71-005279
71-007178
Petersen, I.
71-002642
71-003296
Petersen, I. M.
71-003940
Peterson, A. J.
71-003784
Peterson, C. H.
71-005280
71-007179
71-008124
Peterson, D. C.
71-006686
Peterson, J.
71-012791
Peterson, M. L.
71-013403
71-013404
Peterson, N. M.
71-008124

Peterson, R. E.
71-010843
71-010844
71-010845
71-010846
Peterson, R. H.
71-001875
71-003785
71-005281
71-005282
71-005788
71-006459
71-011241
71-011242
Peterson, S. E.
71-005283
Petit, J.
71-003590
Petr, T.
71-013051
71-013100
71-013101
Petrasch, R.
71-000844
Petrocelli, S. R.
71-011330
Petrosky, C. E.
71-012084
Petrova, N. A.
71-005789
Pettersson, K.
71-002109
71-002110
71-003786
71-003787
Pettigrew, T.
71-000130
Pettit, M. J.
71-003788
Pettit, S. W.
71-012269
Petzel, D. H.
71-003789
Petzinger, G.
71-010166
Peute, J.
71-001527
71-001876
71-002634
71-003790
71-003791
71-004263
71-004265
71-004266
Peyraud-Waitzenegger, M.
71-003792
71-003793
Peyraud, C.
71-002214
71-002215
71-003793
Peyrin, L.
71-002510
Pezold, F. L.
71-007780
Pfaff, D. W.
71-002525
Pfeffer, E.
71-000669
71-000842
71-000843
71-000844
71-003794
Pfeifer, K. F.
71-011243
71-011244
71-011245
Pfeifer, W. E.
71-013461
Pfeiffer, W.
71-003795
71-005284
71-005285
Pfeiler, E.
71-003796
71-003797
71-003798
71-003799
Pflieger, W. L.
71-005790
71-007772
71-008047
71-008125
71-008399
71-008798
71-012946
Pfuderer, P.
71-011246
71-011247
Phelps, R.
71-009961
Phelps, R. P.
71-009174
Phelps, S.
71-007689
Philipose, V.
71-013175
Philipp, D. P.
71-004749
71-004750
71-004857
Philippart, J. C.
71-010359
Philippon-Fried, M.
71-009451
71-009452
Phillips, A. C.
71-005286

...CONTINUED...
Phillips, A. C.
71-006583
71-007579
Phillips, C. E.
71-008044
Phillips, D. J. H.
71-010360
71-010361
Phillips, G. A.
71-010181
Phillips, G. R.
71-003800
71-010362
71-010363
71-010364
71-011248
71-011249
71-011250
Phillips, J. W.
71-010365
Phillips, R. C.
71-007280
Phillips, R. R.
71-005287
71-007180
Phillips, T. D.
71-008126
Phillips, T. R.
71-011117
Phinney, D. E.
71-012270
Phleger, C. F.
71-002607
71-003801
71-003802
71-003803
71-003804
Phromsuthirak, P.
71-003805
Piattelli, M.
71-010016
Piavaux, A.
71-011251
Piavis, G. W.
71-001749
71-009871
Piavis, M. G.
71-003818
Pic, P.
71-003450
71-003755
71-003756
71-003806
71-003807
71-003808
71-003809
Picard, B.
71-002566
Pickering, A. D.
71-001877
71-003810
71-003811
71-003812
71-009233
71-009234
71-009236
71-009536
Pickering, Q. H.
71-010815
71-011252
Pickett, J. F.
71-001878
Pickford, G. E.
71-002860
71-003813
71-004874
Picukans, I.
71-003814
Piecuch, P. J.
71-010366
Piekarski, J.
71-003028
Pieper, A.
71-000669
Pieper, R. E.
71-001077
71-013405
Pieprzak, P.
71-004427
Pierce, D. E.
71-004751
71-005993
Pierce, K. V.
71-009800
71-009872
Pierce, R. H., Jr.
71-010367
71-011253
71-011264
Pierce, R. J.
71-005791
Pierron, J. Cl.
71-002964
Pietsch, J. P.
71-009444
Pietsch, T. W.
71-001591
71-006460
71-006461
71-007181
71-007182
71-007732
71-008480
71-008729
71-008730
71-008731
71-008773
71-008776

Pietzsch-Rohrschneider, I.
71-001414
Pigg, J.
71-005083
71-008127
71-008128
71-008129
Pilcher, K. S.
71-008936
71-009091
71-009093
71-009105
71-009187
Pile, R. S.
71-000435
71-012641
Pillai, N. K.
71-009875
Pilotto, F.
71-001879
Pimm, R.
71-013051
Pinchuk, V. I.
71-008130
71-008732
71-008733
71-008734
71-008735
71-008736
Pincock, D. G.
71-012366
Pineda-Polo, F. H.
71-008737
Pineda, E.
71-002845
Pinette, W. S.
71-000171
Pinhorn, A. T.
71-013282
Pinkas, L.
71-012202
Pinskaya, I. A.
71-007621
Pinto, I. V.
71-000237
Pinus, G. N.
71-006524
Piotrovskiy, A. S.
71-008191
Piper, R. G.
71-000897
71-001016
Pipkin, R. E.
71-000373
71-004624
Pippy, J. H. C.
71-009509
71-009873
Pirchner, F.
71-000216
Pirie, B. J. S.
71-002207
71-003224
Piron, R. D.
71-001880
71-011254
Piront, A.
71-002795
71-003815
Pirozhnikov, P. L.
71-013102
Pirquet, K. T.
71-001351
Pirtle, R. B.
71-006083
Pirzan, A. M.
71-000638
Pister, E. P.
71-012049
Pistono, R.
71-010368
Pitcher, T.
71-005270
71-005289
Pitcher, T. J.
71-000471
71-005268
71-005288
71-007544
Pitman, R. W.
71-000238
Pitt, R.
71-000630
71-000631
Pitt, T. K.
71-005792
Pittinger, C. A.
71-011255
Pivnicka, K.
71-008400
71-013103
Place, A. R.
71-002853
71-004752
Plack, P. A.
71-011152
71-011256
Plafkin, J. L.
71-013383
Planas, J.
71-002423
Plant, P. W.
71-003816
Plantz, D. V., Jr.
71-006920
71-007183
Plaskett, D.
71-010369
Platel, R.
71-001406

Platel, R. L.
71-001405
Platt, S.
71-003817
Platts, W. S.
71-006462
71-006463
71-008401
71-008403
71-010370
71-010371
71-010372
71-011811
71-011812
71-012008
71-012050
71-012051
71-012052
71-012976
71-012977
71-013406
Plavis, G. W.
71-003818
Player, G. F.
71-013500
Plett, A.
71-003836
Plichta, E. H.
71-001028
Plisetskaya, E.
71-003819
Plisetskaya, E. M.
71-003597
71-003820
Plosila, D. S.
71-011726
71-012445
Plotnikoff, M. D.
71-000178
Plumb, J. A.
71-009006
71-009075
71-009090
71-009158
71-009174
71-009175
71-009213
71-009399
71-009400
71-009445
71-009446
71-009447
71-009448
71-011153
71-011257
71-013104
Pneumaticatos, G.
71-008937
Poddubnyy, A. G.
71-006687
71-007022
71-013080
Podosinnikov, A. Yu.
71-001881
71-001882
71-007966
Podrazhanskaya, S. G.
71-004477
Poe, T. P.
71-001265
Poernomo, A.
71-000463
71-000553
71-000639
Poeschl, B. A.
71-002440
Poff, R. J.
71-005369
Pohla, H.
71-001883
Pohley, W. J.
71-009007
71-009504
Pointel, J.-G.
71-003404
Poirrier, M. A.
71-006859
Pokrovskaya, G. L.
71-011226
Polak, J.
71-010373
Polak, J. M.
71-003357
Polenov, A. L.
71-003821
71-003822
Polgar, T. T.
71-008437
Poli, G.
71-009097
Policansky, D.
71-001884
Policastro, A. S.
71-000131
Polk, J. L.
71-008135
71-008153
Pollak, E. I.
71-006464
Pollard, D. A.
71-006781
71-006782
Pollard, J. E.
71-001221
Pollock, H. W.
71-013283
Pollock, L. W.
71-001255

Polloni, P. T.
71-005628
71-007903
Polonius, T.
71-004257
Poltorykhina, A. N.
71-004753
Poluhowich, J. J.
71-002868
71-003190
71-003784
Polunin, N. V. C.
71-005290
71-008659
Polyakov, G. D.
71-007363
Polyakova, T. I.
71-003820
Polymskiy, V. N.
71-011724
Pomales, A. D.
71-009008
Pomeroy, W. M.
71-012053
Pommel, B.
71-001331
Pond, S.
71-001117
Ponniah, A. G.
71-003823
Ponomarenko, V. P.
71-008093
Ponomareva, V. P.
71-001794
Pontier, P.
71-002916
Pontier, P. J.
71-003824
71-004754
71-004755
Pool, C. R.
71-001613
Poole, B. M.
71-006465
Poole, C. A.
71-003825
Poole, N. J.
71-010493
Poon, D. C.
71-000239
Popek, W.
71-004080
Popov, P. A.
71-005793
71-007580
Popova, K. S.
71-002871
71-002872
Popova, O. A.
71-007158
71-007184
Popovichenko, S. N.
71-000226
Popper, A. N.
71-001541
71-001885
71-001886
71-001887
71-001888
71-001889
71-005291
Popper, D.
71-000631
Poppiti, J. A.
71-010347
Porak, W. F.
71-010023
Porcella, D. B.
71-004086
71-010374
Porter, D. A.
71-003826
Porter, H. J.
71-007221
Porter, K. G.
71-001332
Porter, M. E.
71-012054
Porter, P. E.
71-012409
Porter, T. R.
71-007418
Portmann, J. E.
71-010375
Portoukalian, J.
71-004518
Portsev, P. I.
71-007185
Poss, S. G.
71-008738
71-008739
Possardt, E. E.
71-011907
Possompes, B. P.
71-007186
Post, A.
71-008131
71-008132
71-008133
71-008740
Post, G.
71-009132
71-009741
71-011258
Postnikov, V. M.
71-008753
Poston, H. A.
71-000683

...CONTINUED...
Poston, H. A.
71-000685
71-000845
71-000846
71-000847
71-003827
71-009874
Poston, T. M.
71-001491
71-004131
71-011432
Potapova, O. I.
71-003421
71-003422
Pothier, F.
71-001890
Potter, D. S.
71-001333
Potter, I. C.
71-001721
71-001722
71-002210
71-002255
71-002256
71-002257
71-002445
71-003411
71-003762
71-003763
71-003764
71-003828
71-003829
71-003830
71-003831
71-003832
71-003899
71-004498
71-005490
71-005794
71-006167
71-007130
71-007131
71-007648
71-008741
71-009118
71-010369
Potter, W. A.
71-007678
71-007820
71-008134
71-008135
71-008546
Potthoff, T.
71-001891
Pottle, R. A.
71-005292
Potts, D. C.
71-007187
Potts, W. T. W.
71-003526
Poulet, S. A.
71-001143
Poulin, J. W.
71-010376
Poupa, O.
71-002799
Pousty, I.
71-002650
Powell, A. B.
71-007188
71-008136
Powell, D. G. M.
71-007607
Powell, D. H.
71-012701
71-012702
71-012890
71-013034
71-013038
Powell, E. C.
71-009498
Powell, G. L.
71-013138
Powell, H. B.
71-010377
Powell, M. R.
71-000632
71-000633
Power, G.
71-000247
71-005708
71-006027
71-006068
71-006084
71-006251
71-006659
71-007189
71-007202
71-007436
71-008083
71-012564
Power, J. H.
71-006466
71-012345
Power, J. L.
71-010110
Power, M. E.
71-005293
Powers, C. F.
71-001082
Powers, D. A.
71-002853
71-003727
71-004752
71-004793
71-008785
Powers, J. E.
71-011683
71-012792

Powles, H.
71-001892
71-006688
71-008742
71-008743
71-008744
Powles, H. W.
71-008137
Powles, P. M.
71-005294
71-005344
71-005630
71-007581
Pozar, D. F.
71-000848
Pozdnyak, I. S.
71-000837
Poznanin, L. P.
71-005795
71-005795
Pozzi, G.
71-011142
Prabha, C.
71-009875
Prabhakara Rao, A. V.
71-000132
Prabhakaran Nair, K.
71-008138
Prabhu, M. S.
71-013284
Prabhu, N. V.
71-010857
71-011259
Prack, M.
71-002536
71-002560
71-003833
71-003834
71-003835
Prakash Rai, B.
71-001982
Prasadam, R. D.
71-000849
Prater, B. L.
71-001256
71-007928
71-010910
71-010911
71-011260
Prather, E. E.
71-000800
Pratschner, G. A.
71-001028
Pratt, F. B.
71-002223
Pratt, H. L.
71-012086
Pratt, H. L., Jr.
71-006467
Pratt, K. M.
71-000274
Preacher, J. W.
71-012644
Precht, H.
71-003327
71-003328
71-003836
Pree, D. J.
71-011066
Prejs, A.
71-006930
71-007190
Prendergast, P. A.
71-008068
Prentice, E. F.
71-000973
Prentice, J. A.
71-000472
71-007582
71-007583
71-011606
71-011727
Prepejchal, W.
71-006697
71-012357
Prescott, G. W.
71-001064
Prescott, S. R.
71-009176
Presidente, P J. A.
71-009349
Presley, B. J.
71-010202
Pressley, P. H.
71-006468
Preston, E. M.
71-010378
Preston, J. L.
71-005295
Pretto Malca, R.
71-000473
Prewitt, C. G.
71-007777
Pribble, H. J.
71-002658
71-002659
71-002660
Price, N. R.
71-011262
Price, R.
71-007584
71-009715
Price, T. J.
71-001282
Price, W. S.
71-001893
Price, W. W.
71-008139

...CONTINUED...
Price, W. W.
71-008184
71-009722
71-009876
Pridmore, R. B.
71-011120
Priede, I. G.
71-001894
71-003837
71-003838
71-003839
71-003840
71-006733
Priegel, G. R.
71-012866
71-012891
Priemer, J.
71-009877
Prikhod'ko, B. I.
71-008402
Primavera, J. H.
71-000344
Primbs, E. R. J.
71-008403
71-010372
Primmer, K. W.
71-010379
Primor, N.
71-003841
71-003842
Prince, C. E.
71-006349
Prince, E. D.
71-007191
71-007192
71-012055
71-012056
71-012057
71-012058
71-012353
Prince, R. D.
71-011162
71-011163
Pringle, J. D.
71-000015
Prinsenberg, S. J.
71-012059
Prinslow, T. E.
71-000974
Pristas, P. J.
71-006689
71-008140
71-012203
71-012579
71-012595
71-012621
Pritchard, D. L.
71-011606
71-013105
Pritchard, G. I.
71-000133
Pritchard, J. B.
71-003843
71-011005
Pritchard, M. H.
71-009854
Prits, S. E.
71-008444
Privitera, C. A.
71-010552
71-010553
Proctor, C.
71-005296
Proctor, R.
71-012098
Progulske, D. R.
71-011818
Prokopowich, J.
71-001168
Proske, C.
71-000542
Proskurenko, I. V.
71-000634
Proskurina, Ye. S.
71-007193
Prosser, C. L.
71-002953
71-003226
71-003635
71-004947
Protan & Fagertun A. S.
71-000850
Protasov, V. R.
71-005157
Prouse, N. J.
71-011263
Provine, W. C.
71-013106
71-013407
Proviz, L. I.
71-007585
Prudhoe, S.
71-009878
Pruitt, G. W.
71-011264
Pruitt, T. A.
71-012978
Prunet, P.
71-002311
Prusevich, N. A.
71-013096
Pucke, J.
71-003844
71-003845
Puglisi, F. A.
71-010474
71-010878
71-011396

Pugsley, R. W.
71-[illegible]
Puke, J.
71-[illegible]
Pulford, E. F.
71-008935
Pulin, R. S. V.
71-002583
Pulkkinen, E.
71-003740
Pull, G. A.
71-001587
Pullan, S. G.
71-008059
Pullen, E. J.
71-012098
Pullin, R. S. V.
71-003846
71-005477
Pulver, T.
71-000595
Purdom, C. E.
71-000635
Purdy, C. B.
71-000825
Purdy, E. J., Jr.
71-010292
Purnell, D.
71-002785
Purvis, H. A.
71-012300
Purych, P. R.
71-006469
71-012446
71-012447
Puschendorf, B.
71-002502
Push, S.
71-003847
71-004901
71-005752
Puterman, M. L.
71-012741
Putnam, G. B.
71-000953
71-010632
Putnam, R. W.
71-003848
Putnam, T. P.
71-010886
Puttmann, S. J.
71-000735
71-012448
Putz, R. E.
71-011658
Pyatkina, G. A.
71-004293
Pyatravichyute, G. V.
71-005598
Pybus, M. J.
71-009879
71-009880
Pye, V. I.
71-003849
Pyle, S. W.
71-009177
Qadri, S. U.
71-005632
71-006956
71-006964
71-007381
71-008515
71-012321
Qasim, S. Z.
71-001078
Qayyum, M. A.
71-001895
Quddus, M. M. A.
71-005828
Queener, P.
71-011144
Quelvog, B. D.
71-008141
Quertermus, C.
71-005297
Quertermus, C. J.
71-008046
Quimby, M. C.
71-009469
Quiniou, L.
71-005161
Quinn, J. G.
71-010469
Quinn, N. J.
71-006690
Quinn, R. E.
71-013014
Quinn, T.
71-006691
Quinn, T. J. II
71-007456
71-007521
Quinn, T. P.
71-005298
71-005299
Quintrell, R. D.
71-013061
Qvist, J.
71-003850
Raa, J.
71-002805
71-009183
Rab, E.
71-011379
Rabalais, F. C.
71-009822
71-009823
71-009824
...CONTINUED...
Rabalais, F. C.
71-009825
Rabalais, S. C.
71-007660
Rabanal, H. R.
71-000636
Rabeni, C.
71-001257
Rabin, D. J.
71-006470
Rabinowitz, J. L.
71-004346
Rachid, B.
71-004756
Rachlin, J. W.
71-004528
71-004757
Racicot, J.-G.
71-002782
71-009010
Rada, R. G.
71-001079
Radakov, D. V.
71-005300
71-005301
71-012723
Raddum, G.
71-010191
Rademakers, L. H. P. M.
71-003900
Radesater, T.
71-005113
Radhakrishnan, N.
71-012204
Radhakrishnan, S.
71-005781
71-012658
Radman, V.
71-003488
Radokov, D. V.
71-004961
Radovich, J.
71-006085
71-013285
71-013286
Radtke, R. L.
71-001896
71-007586
71-007587
Rafail, S. Z.
71-012793
Raffenot, J.
71-010229
Rafful, L. F.
71-013287
Rafter, J.
71-003249
Raftery, M. A.
71-002264
Raghavan, S. L.
71-001898
Ragimov, D. B.
71-008745
Rahamim, E.
71-001897
Rahel, F. J.
71-008404
Rahman, A. K. A.
71-008746
Rahman, M. A.
71-000813
Rahman, M. F.
71-001898
71-005553
Rahmann, H.
71-001899
71-002981
71-003851
71-003867
71-003905
71-004890
71-005302
Rai, B.
71-004227
Raibaut, A.
71-009553
71-009881
71-009902
Raikova, E. V.
71-009882
Raine, R.
71-003665
Rainey, W. T., Jr.
71-011247
Rainville, J. B.
71-002278
Rainville, R. P.
71-000589
71-000590
Rainwater, C. L.
71-006692
Rainwater, W. C.
71-005992
71-008405
71-013352
Raizada, R. B.
71-004032
71-004034
Rajagopal, K. V.
71-006848
71-007196
Rajagopal, P. K.
71-003852
71-003853
Rajagopalan, M.
71-008142
Rajamani, M.
71-003854
Rajapandian, M. E.
71-008702
Rajbanshi, V. K.
71-001900
71-010515
71-010981
Rajki, K.
71-004728
Raker, M. L.
71-009115
Rakusa-Suszczewski, S.
71-003855
Raleigh, R.
71-013492
Raleigh, R. F.
71-010528
71-012058
71-012060
Rall, D. P.
71-003843
Ralph, C. L.
71-001661
71-002798
71-003213
Ralph, D. E.
71-006155
71-008277
Ralph, J. A.
71-009927
Ralston, S.
71-007588
71-007589
71-012061
Rama-Rao, K. V.
71-008557
Ramachandran, V.
71-000033
71-000034
Ramakrishna, K. V.
71-000240
Ramakrishnaiah, M.
71-007144
Ramalingam, P.
71-008087
Ramamohana Rao, G.
71-006693
71-007590
Ramamoorthi, K.
71-008252
Ramamurthi, R.
71-011006
Ramamurthy, S.
71-000637
Ramamurthy, V. D.
71-010380
Raman, K.
71-000475
71-000498
71-012661
Ramanathan, N.
71-001901
71-006471
Ramaprabhu, T.
71-000033
71-000034
Ramberg, L.
71-012062
Rami, M.
71-007383
Ramirez-Mitchell, R.
71-011404
Ramirez, S. A.
71-004758
Ramos, A.
71-010381
Ramos, F.
71-003856
71-004053
71-009011
71-013273
Ramsay, W.
71-011728
Ramsey, J. S.
71-008747
Rana, A. K.
71-001902
Ranadhir, M.
71-000370
71-000453
71-000476
Rance, T. A.
71-002180
Rand, G.
71-011267
Rand, G. M.
71-011265
71-011266
Randall, A.
71-011729
Randall, D. J.
71-002679
71-002806
71-002928
71-002929
71-003552
71-003857
71-003858
71-005000
71-010894
Randall, J. E.
71-003038
71-008019
71-008571
71-008594
71-008614
71-008748
71-008749
71-008750
...CONTINUED...
Randall, J. E.
71-008751
71-008752
71-008879
Randall, R.
71-012190
71-012205
Randall, R. G.
71-007247
Randall, R. H.
71-010218
Randall, W. B., Jr.
71-007030
Randall, W. F.
71-011268
Randolph, J. C.
71-008330
Randolph, K. N.
71-000851
71-005303
71-007194
71-012354
Raney, E. C.
71-007818
Rangaswamy, C. F.
71-005796
71-006086
Rangneker, P. V.
71-003859
71-011027
Rani, S.
71-011496
Rankin, J. C.
71-002168
71-002170
71-002171
71-002172
71-003425
71-003572
71-010618
71-010619
Rannou, M.
71-005050
71-005660
Ranoemihardjo, B. S.
71-000431
71-000477
71-000553
71-000617
71-000625
71-000638
71-000639
Ransom, D. P.
71-008935
Rao, D. M. R.
71-011269
Rao, G. R.
71-008143
Rao, K. S.
71-011270
Rao, K. V. R.
71-011302
71-011303
Rao, N. G. S.
71-000341
71-000497
71-000891
71-012663
Rao, S. S.
71-001334
71-010393
Rao, T. A.
71-008144
Rao, T. R.
71-003860
71-003861
Raphael, C. N.
71-010215
Rapp, K. M.
71-011289
Rapp, S. A.
71-006080
Rappaport, A.
71-000478
Rappaport, E. B.
71-013499
Rappaport, U.
71-000479
71-000480
71-000927
71-000928
71-012659
Rasachandra Kartha, K. N.
71-007591
Rasch, E. M.
71-004138
71-004719
71-004810
71-004834
Rascheperin, V. K.
71-012979
Raschetti, R.
71-004259
Raschi, W.
71-001903
Rasin, V. J., Jr.
71-012699
Rasmussen, K.
71-005797
Rasmussen, K. J.
71-005070
Rasmussen, L. E.
71-003862
Rasmussen, R. A.
71-003862
Rasmussen, R. P.
71-001904
Rass, T. S.
71-013271

...CONTINUED...
Rass, T. S.
71-013288
Rasskazov, V. A.
71-003863
Rast, W.
71-001080
Ratananun, V.
71-010688
Rathjen, W. F.
71-013289
Ratkowsky, D. A.
71-010382
Rau, M. E.
71-008946
71-009359
71-009595
71-009637
71-009883
71-009884
Rauck, G.
71-006694
71-007592
71-009885
Rausch, A.
71-003713
Raush, R. R.
71-007593
Ravaille, M.
71-003536
Ravesi, E. M.
71-013336
Ravichandra Reddy, S.
71-002153
Rawdon, B. B.
71-001905
Rawson, M. V., Jr.
71-009886
71-009887
Rawstron, R. R.
71-006080
71-012355
71-012449
71-012450
Ray, A. K.
71-003531
Ray, L. E.
71-000481
Ray, M. S.
71-000696
Ray, P.
71-000102
Ray, S.
71-011271
Rayburn, K. J.
71-007856
71-008145
Raye, T. D.
71-013499
Raymond, H. L.
71-009616
71-012063
71-012670
Raymond, J. A.
71-003864
71-003865
Raynauld, J.-P.
71-005304
Read, L. A. A.
71-005203
Read, L. J.
71-003866
Read, P. A.
71-010383
Reagan, R. E.
71-000509
71-000852
Reagan, R. E., Jr.
71-000241
71-007594
Reagan, S. P.
71-013206
Rebach, S.
71-005305
Rebel, G.
71-004518
Rebel, M.
71-012856
Rechten, C.
71-001906
71-005306
Reckhaus, W.
71-003867
Rectenwald, H.
71-011958
71-013414
Redding, J. M.
71-003868
Reddy, P. V. G. K.
71-000033
71-000034
71-000454
71-000895
Reddy, S. R.
71-000853
71-007195
71-007196
Redfield, A. C.
71-001258
Redkozubov, I. Yu.
71-005798
Redmon, W. L.
71-007595
Redner, B. D.
71-011272
71-011273
Reed, E. B.
71-011751
Reed, J. E., Jr.
71-008218
Reed, L. W.
71-011751
Reed, R. J
71-006480
71-006869
71-007061
71-010243
71-011907
71-013415
Reed, S. A.
71-010384
Rees, G. A.
71-010450
Reese, A.
71-012828
Reeves, R. D.
71-010645
Reeves, S. G.
71-010367
Reeves, W. C.
71-000287
71-007664
71-012064
71-013028
Refstie, T.
71-000242
71-000243
71-000244
71-000678
71-004621
71-007596
71-012322
Regier, H. A.
71-006109
71-006188
71-008416
71-008422
71-011658
71-011802
71-012851
71-012892
Regier, L. W.
71-001013
Regunathan, A.
71-008142
Rehamim, E.
71-002107
Rehwinkel, B. J.
71-012980
Rehwoldt, R.
71-011274
Rehwoldt, R. E.
71-010385
Reice, S. R.
71-012981
Reich, K.
71-006087
71-007615
71-012893
71-012894
Reid, B. H.
71-001112
Reid, D. D.
71-007465
Reid, L.
71-003431
Reid, R.
71-007581
71-010115
Reider, R. H.
71-008146
71-008147
Reif, W.-E.
71-001907
Reifel, C. W.
71-001908
71-001909
71-001910
Reiff, B.
71-011275
Reigh, R. C.
71-008148
Reigier, H. A.
71-011730
Reimchen, T.
71-012532
Reimchen, T. E.
71-001911
Reimer, A. A.
71-010386
71-010606
Reimer, R. D.
71-010386
Reimers, N.
71-005799
Reimers, P. E.
71-004543
71-012451
Reinacher, E.
71-000854
Reinaud, P.
71-002311
71-003937
Reinbold, K. A.
71-010488
71-011276
Reinert, R. E.
71-011277
Reinhardt, M.
71-009336
Reinhardt, R.
71-006088
Reinitz, G.
71-000855
71-000856
71-000857
71-000861
Reinitz, G. L.
71-000245
71-000858
71-000859
71-000860
71-004759
71-004760
71-004761
Reinking, L. N.
71-003869
Reischl, E.
71-003870
Reisenbichler, R. R.
71-000246
71-012452
Reiser, D. W.
71-006472
71-008406
Reish, R. L.
71-012806
Reisman, H. M.
71-003789
Reist, J. D.
71-007197
71-007198
Relyea, K.
71-005800
Rempeters, G.
71-001609
Renaud, J. M.
71-003871
Renfro, J. L.
71-003872
71-003873
Reno, H. A.
71-002789
Reno, H. W.
71-001642
Reno, P.
71-009452
Reno, P. W.
71-009449
71-009450
71-009451
71-009456
Renshaw, T.
71-010383
Renshaw, W. E.
71-013363
Renzi, J., Jr.
71-004628
Reperant, J.
71-001912
Repetski, J. E.
71-008149
Repsys, A. J.
71-007199
Resh, V. H.
71-001259
71-001913
71-013128
Reshetnikov, Yu. S.
71-003874
71-004524
71-007597
71-008753
71-013290
Reunanen, H.
71-010870
71-010871
Reutergard, L.
71-010336
Reutter, J. M.
71-005307
71-010387
71-010388
Reutter, K.
71-005308
Revelle, L. A.
71-007953
Reynolds, J. B.
71-001234
71-001315
71-012065
71-012605
71-012939
Reynolds, L. F.
71-007728
Reynolds, L. J.
71-007200
Reynolds, R. C.
71-002526
Reynolds, W. R.
71-007150
Reynolds, W. W.
71-001914
71-001915
71-002397
71-003875
71-003876
71-003877
71-003878
71-004884
71-004935
71-004936
71-004937
71-004938
71-004939
71-005201
71-005309
71-005310
71-005311
71-005312
71-005313
71-005314
71-005315
71-005316
...CONTINUED...
Reynolds, W. W.
71-005317
71-005318
71-005319
71-005320
71-005321
71-005322
71-005323
71-005324
71-005325
71-005326
71-005327
71-005328
71-005329
71-006594
71-006695
71-007101
71-007200
71-008920
71-009178
71-009179
71-009180
Rhoderick, J. C.
71-010847
71-011047
Rhodes, R. J.
71-007201
Ribakoff, S.
71-001029
Ribbink, A. J.
71-005082
71-005330
71-005331
71-005332
Ribeiro, A. F.
71-004831
Ribeyre, F.
71-010626
Ricard, J.-M.
71-010252
Ricciardi, A. P.
71-008231
Ricciardi, G.
71-004259
Rice, D. A.
71-009628
Rice, D. W., Jr.
71-007942
71-011278
Rice, J. O.
71-005262
71-005263
Rice, M. S.
71-012596
Rice, R. H.
71-003879
Rice, S. D.
71-011157
Ricerca, S. D.
71-000862
Richard, M.
71-002253
Richards, C. E.
71-005801
71-006089
Richards, D. H. H.
71-009996
Richards, F. P.
71-005333
71-005334
Richards, I. S.
71-005335
Richards, J.
71-013291
Richards, J. S.
71-008407
Richards, R. H.
71-000670
71-009121
71-009234
71-009235
71-009236
71-009453
71-009674
71-009893
71-009927
Richards, S. W.
71-005336
71-005802
71-007598
Richards, W. J.
71-001891
71-008150
71-008754
71-008755
Richardson, L. B.
71-003880
71-003881
71-010060
71-010061
71-010062
71-010617
71-010833
71-011083
71-011279
71-011293
71-013351
Richardson, S. L.
71-001707
71-001916
71-005787
71-008151
71-008756
71-012610
Richburg, R. W.
71-011257
Richey, D.
71-011280
Richey, D. L.
71-011290

...CONTINUED...
Richey, L. L.
71-011291
Richkus, W. A.
71-005337
Richman, N. H.
71-003882
Richmond, M. C.
71-003883
Richter, J.
71-010818
Ricii, E. D.
71-007150
Rickard, N. A.
71-012846
Rickards, W. L.
71-000482
71-000863
71-009012
Ricker, W. E.
71-007599
71-007666
71-013292
71-013293
Rickett, J. D.
71-000483
Ricks, A.
71-002526
Rid, L. E.
71-009888
Riddell, B. E.
71-004762
Rideout, S. G.
71-006090
71-013107
Rider, L.
71-013105
Ridet, J.-M.
71-001405
71-001406
Ridge, R. M. A. P.
71-003884
Ridgeway, J. M.
71-012321
Riegel, J. A.
71-003885
Riegelbauer G.
71-005284
Rieger, P. W.
71-012453
71-013039
Riehl, R.
71-001917
71-001918
71-001919
71-001920
71-001921
71-001922
71-001945
71-003886
71-003887
71-003888
71-008152
71-008757
Riemslag, F. C. C.
71-005338
Rifai, S. A.
71-000484
Rigal, A.
71-002272
71-002273
Rigby, R. A.
71-011189
Rigler, F. H.
71-001142
Rigley, L.
71-004927
71-005234
71-005339
Riis, R. C.
71-009874
Rijavec, M.
71-011020
Rijkers, G. T.
71-009013
Rikhter, V. A.
71-013294
Riley, D. M.
71-009889
Riley, L.
71-006337
Riley, R. G.
71-010567
Rimmer, D. M.
71-000247
71-007202
Rinaldi, S.
71-012747
71-012748
71-012749
Ringe, R. R.
71-006586
71-012387
Ringler, N. H.
71-007009
71-007010
71-007011
71-007203
71-007204
Rinne, J.
71-006474
Rinne, J. N.
71-005803
71-006473
71-008408
71-012356
Rio, J.-P.
71-001912
Riottot, M.
71-003923
Ripley, T.
71-011803
Rippolon, T.
71-012486
Risa, S.
71-000680
71-000729
Rishi, K. K.
71-004763
71-004764
Rita Kumari, S. D.
71-003889
Ritchie, L. D.
71-008758
Ritenour, B. G.
71-000021
71-000022
Ritson, P. C.
71-008153
Ritter, E.
71-009947
71-009948
Ritter, J. A.
71-002672
71-005471
Ritts, J. A.
71-011014
Rivard, D.
71-012794
71-012795
Rivas, L. R.
71-005804
71-008759
Rivers, J. B.
71-010420
Rizkalla, W.
71-001923
71-003890
Rizvanov, R. A
71-011724
Rizvi, S. H. N.
71-012697
Rizzotti, M.
71-003891
Roach, J. A. G.
71-010042
Roald, S. O.
71-009890
71-011281
Roales, R. R.
71-011282
71-011283
Roarabaugh, D.
71-008154
Robadue, D.
71-012094
Robb, A. E., Jr.
71-010389
Robb, A. P.
71-000765
71-007205
Robbins, T. W.
71-001496
71-007097
71-010292
71-013493
Robbins, W. H.
71-005805
71-008024
71-012342
Roberson, B. S.
71-009043
71-009045
Roberson, K.
71-007738
Roberts, B. L.
71-001865
71-001866
71-001867
71-003747
71-003748
71-003892
Roberts, D. E., Jr.
71-000640
71-000641
71-000642
71-003893
Roberts, J. F.
71-004651
Roberts, J. L.
71-003894
71-003895
Roberts, J. R.
71-011284
Roberts, K.
71-000485
Roberts, K. J.
71-013296
Roberts, P. E.
71-008155
71-008156
71-008157
71-008158
Roberts, R.
71-013297
Roberts, R. J.
71-000713
71-001446
71-002337
71-002338
71-008930
71-009014
71-009059
71-009106
71-009121
71-009181
71-009240
...CONTINUED...
Roberts, R. J.
71-009539
71-009568
71-009664
71-009891
71-009892
71-009893
71-012350
Roberts, T. R.
71-001924
71-008760
Robertson, A.
71-012895
Robertson, A. I.
71-005806
Robertson, B. S.
71-009044
Robertson, D. A.
71-002785
71-005807
71-006475
71-006476
71-008050
71-008158
71-008159
71-008160
71-008161
71-008162
71-009360
Robertson, D. R.
71-005340
Robertson, I.
71-001738
Robertson, J. D.
71-003896
71-003897
Robertson, P.
71-013108
Robertson, T.
71-011285
Robertson, T. L.
71-006079
Robin, E.
71-003412
Robineau, D.
71-001393
Robinette, H. R.
71-000241
71-000486
71-000852
71-000864
71-011286
71-011863
Robinette, J. R.
71-007600
Robins, C. H.
71-006696
Robins, C. R.
71-006696
71-008761
71-012395
71-012396
Robinson-Wilson, E.
71-010390
Robinson, D.
71-012653
Robinson, D. G.
71-012660
Robinson, D. W.
71-011814
Robinson, E. L.
71-010815
Robinson, F. W.
71-013408
Robinson, G. D.
71-011287
Robinson, J.
71-011527
Robinson, J. L.
71-012066
71-012982
Robinson, J. W.
71-011929
71-012983
Robinson, J. W. L.
71-002393
Robinson, P. R.
71-012686
Robinson, T.
71-001030
Robison, B. H.
71-005808
71-008776
71-012563
71-012597
Robison, H. W.
71-001925
71-002886
71-005629
71-008163
71-008164
71-008165
71-008166
71-008167
71-008168
71-008169
71-008465
Robison, W. R.
71-000783
71-005681
71-007516
Robohm, R. A.
71-009182
Robotham, P. W. J.
71-001926
71-007206
Roby, K. B.
71-012038
Roch, M.
71-011288
Rockland, S.
71-013298
Rodgers, J. H., Jr.
71-010081
Rodino, E.
71-003891
Rodsaether, M. C.
71-009183
Roe, F. L.
71-010236
Roed, K. H.
71-005251
71-005341
Roedel, P. M.
71-011731
Roelofs, E. W.
71-000781
Roemhild, G. R.
71-011869
Roesijadi, G.
71-010391
Roessler, M. A.
71-010459
Roff, D. A.
71-004599
71-007601
71-012796
Roger, C.
71-007207
Roger, P. B.
71-012271
Rogers, B. A.
71-003898
71-005874
71-005875
Rogers, C. A.
71-006477
71-006478
Rogers, D. J.
71-013462
Rogers, G. W.
71-012272
Rogers, I. H.
71-011356
Rogers, J. F.
71-004715
Rogers, J. S.
71-006859
Rogers, L.
71-010392
Rogers, P. A.
71-003899
Rogers, R. D.
71-006091
71-012454
Rogers, R. M., Jr.
71-007208
Rogers, S. C.
71-007662
Rogers, W.
71-002748
Rogers, W. A.
71-001589
71-003984
71-009015
71-009016
71-009894
71-009954
Rogie, A.
71-011256
Rohde, F. C.
71-005809
71-008170
71-008171
Rohde, K.
71-009895
Rohovec, J. S.
71-008935
71-008936
71-009090
71-009091
71-009092
71-009184
Rohovsky, M. W.
71-010663
Rohr, B. A.
71-005810
Rohrer, T. K.
71-010347
Rohrs, W.-H.
71-005342
Rokicki, J.
71-009896
Rokosh, D. A.
71-010393
Roland, W.
71-007209
Roldugina, V. V.
71-004090
Rolfe, G. L.
71-010488
Rolfe, M. S.
71-010120
71-010121
71-010317
71-010324
Roline, R. A.
71-001070
71-001071
71-001362
Rollwagen, J.
71-009897
Romaire, R.
71-000323
Romaire, R. P.
71-000324

...CONTINUED...
Romaire, R. P.
71-000487
71-000488
71-000489
71-001260
Romanenko, V. D.
71-000490
Romanenko, V. F.
71-000149
Romanenko, V. I.
71-013080
Romanycheva, O.
71-000643
Romanycheva, O. D.
71-000248
71-000644
Romberg, G. P.
71-006697
71-012357
Rombough, P.
71-003672
Rombough, P. J.
71-005485
71-005811
Rombout, J. H. W. M.
71-003900
71-003901
71-003902
Romer, H.
71-003867
Romero, J.
71-006171
Romestand, B.
71-009898
71-009899
71-009900
Romey, D. B.
71-000218
Romillo, L. M.
71-000508
Rommel, S. A., Jr.
71-012345
Romsos, D. R.
71-003417
Ronnau, K.-C.
71-003903
Ronningen, K.
71-001033
Ronquillo, I. A.
71-004765
71-007285
Ronsivalli, L. J.
71-005812
71-009104
71-013299
Roos, A.
71-010187
Roots, B. I.
71-002606
71-002610
71-003483
71-003989
Roper, C. F. E.
71-004496
Roqueplo, C.
71-010252
Rorvik, C. J.
71-013295
Rosa, E.
71-006479
Rosa, R.
71-004123
Rosage, T. F.
71-011289
Rosario, W. M.
71-000645
Rose, C. R.
71-000316
71-000329
71-012645
71-013012
Roseberg, R. B.
71-000491
Roseboom, D. P.
71-011290
71-011291
Rosen, C.-G.
71-000049
Rosen, D. E.
71-008172
71-008762
Rosen, R. A.
71-009901
Rosenberg, D. M.
71-001261
71-001262
71-001263
71-011292
Rosenberg, R.
71-012067
Rosenberg, S. H.
71-010636
Rosenblatt, R. H.
71-005343
71-008763
71-008764
71-008765
Rosenkranz, A.
71-011279
71-011293
Rosenmann, E.
71-003904
Rosenthal, H.
71-000624
71-001045
71-006318
71-007316

...CONTINUED...
Rosenthal, H.
71-010479
71-011294
71-013409
Roshchevskii, M. P.
71-002827
Roskowski, M.
71-003835
Rosner, H.
71-002981
71-003905
Rosner, M. H.
71-012896
Ross, J.
71-005344
71-007692
Ross, L. G.
71-001927
71-003906
71-003907
71-003908
71-011295
Ross, M. J.
71-004252
71-004253
Ross, M. R.
71-004766
71-005345
71-006480
71-006481
71-006482
71-006483
Ross, R. M.
71-005346
71-006484
Ross, S.
71-003909
Ross, S. T.
71-007210
71-007211
Rosselin, G.
71-002739
Rossi, R.
71-007602
Rosso, W. A.
71-010394
Roth, A.
71-003910
Roth, E.
71-002291
Roth, I.
71-010395
Roth, P. I.
71-001965
Rothbard, S.
71-000646
71-001006
71-001632
71-006485
Rothlisberg, P. C.
71-001335
Rothschild, B. J.
71-012805
71-013300
71-013386
Rott, N. N.
71-003911
71-003912
Rottiors, D. V.
71-002629
Rottman, R. W.
71-009199
Rottmann, R.
71-000035
Rottmann, R. W.
71-000492
71-000505
71-000506
71-000894
71-001031
71-006835
71-007233
Roubal, W. T.
71-011296
71-011297
Roubaud, P.
71-002304
Roumillat, W. A.
71-008452
Rounsefell, G. A.
71-012068
71-013301
Rourke, A. W.
71-004767
Roussel, J. D.
71-000384
71-001646
71-002869
71-003150
Rousset, V.
71-009902
Rout, M.
71-000891
Roux, C.
71-001229
Rovainen, C. M.
71-003913
Rowe, G. T.
71-005979
71-007903
Rowe, J. S.
71-003914
Rowell, D. M.
71-002407
71-002408
71-002409
71-003915
Rowes, K. R.
71-000334

Rowland, L. O.
71-000902
Rowland, W. J.
71-005347
71-005348
71-005379
Rowlands, R. D.
71-005348
Roy, D.
71-001264
Roy, R. S.
71-009415
Roy, S. N.
71-000453
Royce, W. F.
71-012797
Royer, L. M.
71-008173
Rozhdestvenskaya, A. D.
71-000165
71-000581
Rozhdestvenskaya, V. I.
71-004476
Rozhdestvenskaya, Y. N.
71-000837
Rozing, W.
71-004302
Ruane, R. J.
71-000493
Rubec, L. A.
71-009612
Rubec, P. J.
71-003916
71-008174
71-012321
Rubenstein, D. I.
71-006092
Rubertone, J. A.
71-009903
Rubinoff, R.
71-004629
Rubtsov, V. V.
71-000494
71-001928
71-001929
Ruby, E. G.
71-001930
Ruby, J. R.
71-001620
71-001621
Ruby, S. M.
71-011298
71-011299
71-011300
Rucker, R. R.
71-009404
Rudd, J. W. M.
71-001169
71-001170
Rudelle, J.
71-007489
Rudenko, G. P.
71-000495
71-003633
71-006093
Rudenko, O. B.
71-004768
Rudenko, V. I.
71-006420
Rudolph, C.
71-009392
Rudometkina, G. P.
71-001931
71-008175
Ruelle, R.
71-006486
71-007603
Ruess, J. O.
71-010396
Rufli, H.
71-008766
Ruggieri, G. D.
71-009259
71-009260
Ruggles, C. P.
71-006698
Ruley, L. A.
71-011976
Rulifson, R. A.
71-005349
Rumpus, A.
71-009737
Rumpus, A. E.
71-009904
Rumsey, G. L.
71-000724
71-000865
71-009874
Rundberg, H.
71-008409
Runey, M. W.
71-009975
Runn, P.
71-010952
71-011301
Rupert, R.
71-003050
Rupprecht, R. J.
71-005813
Rurak, D. W.
71-003917
Rusaouen, M.
71-003918
Rush, S. B.
71-003919
Rusoff, A. C.
71-001932
Russell, B. C.
71-005350

...CONTINUED...
Russell, B. C.
71-006094
71-006095
71-008235
Russell, F. S.
71-008767
Russell, H. A.
71-004769
Russell, H. J., Jr.
71-012358
Russell, J. A.
71-008176
Russell, L. R.
71-009905
71-013435
Russell, P. A.
71-007438
Russell, S. W.
71-002137
Russell, W. H.
71-005750
Russo, A. R.
71-010384
Russo, J. L.
71-008517
71-008521
71-008522
Russo, R. C.
71-011250
71-011456
Russock, H. I.
71-005351
71-005352
71-006487
Rust, B. W.
71-006142
Ruszczynski, T.
71-001363
Rutledge, W. P.
71-012455
Rutter, R. P.
71-001265
71-012598
Ryabov, I. C.
71-004770
Ryabov, I. N.
71-004771
71-004772
Ryan, J. H.
71-012301
Ryan, J. J.
71-005814
Ryan, K. P.
71-003892
Ryan, P. A.
71-008177
71-012359
Ryan, P. M.
71-010397
71-010398
Ryanzantseva, Ye. I.
71-006106
Rybachuk, V. K.
71-001933
Rychly, J.
71-000249
71-000866
Rychwalski, E. M.
71-004626
Ryck, F., Jr.
71-001060
71-012984
Ryckman, J. R.
71-012562
Ryder, R. A.
71-004875
71-005353
71-005678
Rye, R. P., Jr.
71-011607
Ryerse, J. S.
71-003920
Ryland, J. S.
71-003921
Ryman, N.
71-000250
71-004522
71-004773
Ryohgi, Y.
71-005103
Ryon, M. G.
71-007765
Ryzhov, V. M.
71-008180
Ryzhova, L. N.
71-003922
Saadati, M. A. G.
71-008178
Sabaruddin, S.
71-000617
71-008031
Sabaut, J. J.
71-003590
Sabean, B.
71-012069
Sabins, D. S.
71-006699
Sabnai, I.
71-009862
Sabnay, I.
71-003842
Sabo, K. M.
71-011000
Sabourin, M.
71-005168
Saburenkov, Ye. N.
71-004961

...CONTINUED...
Sabarenkov, Ye. N.
  71-0053[illegible]
Sackett, S. R.
  71-012360
Sacquet, E.
  71-003923
Sadler, K.
  71-007604
Sadoglu, P.
  71-000496
Sadzikowski, M. R.
  71-007212
Saeki, K.
  71-010249
  71-011018
  71-011019
Saether, O. A.
  71-001267
  71-001268
  71-001269
Saethre, L. J.
  71-010729
Saffian, N. A.
  71-008068
Safrit, G. W., Jr.
  71-008185
Sage, M.
  71-002547
Sagua, V. O.
  71-007213
Saha, C.
  71-001032
Saha, G. N.
  71-000497
  71-000498
  71-012661
Saha, M. P.
  71-003685
  71-006244
Saha, S. N.
  71-006861
Sahib, I. K. A.
  71-011302
  71-011303
Sahlman, H. F.
  71-007802
Sahrhage, D.
  71-005815
  71-007911
Saidel, W.
  71-001934
Saidel, W. M.
  71-001935
Saigal, B. N.
  71-003924
  71-010399
  71-013095
Saiki, K.
  71-003324
Saiki, M. K.
  71-007214
  71-007215
  71-008410
  71-012985
Saila, S. B.
  71-011713
  71-012816
  71-013307
Sailendri, K.
  71-003925
Sainsbury, K. J.
  71-007605
Sainsbury, M.
  71-005479
Saint-Paul, U.
  71-000940
Saito, K.
  71-003260
Saito, R.
  71-008050
  71-008244
Sakagawa, G. T.
  71-007606
  71-013302
  71-013303
Sakaguchi, H.
  71-000867
  71-000868
  71-003926
  71-009906
Sakaguchi, S.
  71-005013
Sakai, D. K.
  71-006438
  71-009185
Sakai, K.
  71-002991
Sakai, T.
  71-003927
Sakamoto, I.
  71-006700
Sakamoto, M.
  71-003928
Sakamoto, S.
  71-000869
  71-000870
  71-000871
  71-000872
  71-000873
  71-000874
  71-000875
  71-000876
  71-000877
  71-003929
  71-003930
Sakamoto, T.
  71-005816
  71-005846
Sakamoto, W.
  71-005159
  71-005257
Sakata, T.
  71-002887
  71-002888
  71-003582
  71-003931
  71-003932
Sakharov, D. A.
  71-001659
  71-003202
Saksena, V. P.
  71-003933
  71-003934
  71-008150
  71-008754
  71-008755
Sakurai, N.
  71-008233
Sakuramoto, K.
  71-012456
  71-012457
Salamon, K. J.
  71-003935
Sale, P. F.
  71-005354
  71-005355
  71-006096
  71-006097
  71-008411
  71-008412
Saleh, F. Y.
  71-010400
Salesse, R.
  71-003465
  71-003936
Salihoglu, I.
  71-010029
Salikzyanov, R. F.
  71-003269
Salles, L. M. M.
  71-010962
Salli, A. J.
  71-005356
Sallman, B.
  71-009212
Salman, H. A.
  71-011508
Salmon, C.
  71-002730
Salojarvi, K.
  71-012180
Saloman, C. H.
  71-013134
Salter, F. H.
  71-000591
Saltveit, S. J.
  71-009106
Salzer, H.
  71-004475
  71-006571
Sameoto, D. D.
  71-001336
  71-001337
  71-001338
  71-013410
Samet, C.
  71-003705
  71-006440
Samoiloff, M. R.
  71-011304
Sampath, K.
  71-000878
Samson, R.
  71-000344
Samuel, N.
  71-009907
  71-009908
Samuelson, D. F.
  71-001081
Samylov, A. Ye.
  71-007944
Sanaullah, M.
  71-009361
Sanborn, J. R.
  71-010303
Sanches-Rodriguez, M.
  71-003937
Sanchez Muniz, F. J.
  71-000879
Sanchez, C.
  71-003075
Sanchez, P. G.
  71-003938
  71-008066
Sand, O.
  71-003939
  71-003940
  71-005094
Sanders, D. F.
  71-012070
Sanders, H. L
  71-010401
Sanders, H. L.
  71-010402
Sanders, H. O.
  71-010806
  71-010957
  71-010961
  71-011106
  71-011608
Sanders, J. E.
  71-008963
  71-009091
  71-009186
  71-009187
  71-009188
...CONTINUED...
Sanders, J. E.
  71-009305
  71-009382
  71-009383
Sanders, M. J.
  71-003941
  71-007607
Sanderson, C. H.
  71-000251
Sanderson, M.
  71-010403
Sandhu, S. S.
  71-010243
  71-011305
Sandilands, R. G.
  71-010404
Sandknop, E. M.
  71-008698
Sandland, R. L.
  71-013210
Sandow, J. T., Jr.
  71-005817
Sandri, C.
  71-001372
  71-001897
Sandset, P. M.
  71-001936
Sandy, J. M.
  71-001937
Sanefugi, H.
  71-003178
Sangalang, G. B.
  71-003942
  71-003943
  71-011306
Sangster, G. I.
  71-012568
  71-012569
Sanico, A. F.
  71-000499
Sankurathri, C. S.
  71-009362
Sankurathri, M.
  71-013362
Sannamiya, N.
  71-012576
Sannomiya, N.
  71-012575
  71-012577
  71-012578
Sano, S.
  71-000252
  71-000253
Sano, T.
  71-009454
  71-009455
Santacana, J. A.
  71-009588
Santander, H.
  71-006562
Santer, R. M.
  71-001938
  71-001939
Santerre, M. T.
  71-003944
  71-003945
  71-006407
Santoro, E. D.
  71-008179
Sanville, W. D.
  71-001082
Saoud, M. F. A.
  71-009496
Sappo, G. B.
  71-010405
Sar, M.
  71-003242
Saraswat, R. C.
  71-003946
Saratchandra, B.
  71-009828
Sargent, J. R.
  71-002207
  71-002220
  71-003224
  71-004211
  71-004212
  71-004225
  71-011307
Sargent, M. C.
  71-013304
Sargent, R. C.
  71-006488
Sarig, S.
  71-000134
  71-000478
  71-000479
  71-000480
  71-007360
  71-009059
  71-011732
  71-011851
  71-012206
  71-012659
Sarkar, N. N.
  71-002804
Sarkar, S. K.
  71-003562
Sarker, A. L.
  71-006753
  71-006861
  71-007216
Sarkka, J.
  71-001266
  71-010186
  71-010187
Sarokon, J. A.
  71-000880
  71-000944
...CONTINUED...
Sarokon, J. A.
  71-004407
Sarot, D. A.
  71-011308
Sarphie, T. G.
  71-010873
Sarsembayev, Zh. G.
  71-004677
Sartoris, J. J.
  71-001069
  71-001070
  71-001071
  71-001083
  71-001084
Sasaki, S.
  71-012417
  71-012442
Sasaki, T.
  71-007690
Sasaki, Y.
  71-010868
Sasser, J., Jr.
  71-013167
Sastry, K. V.
  71-011309
  71-011310
  71-011311
  71-011312
  71-011313
  71-011314
  71-011315
  71-011316
  71-011317
  71-011318
  71-011319
  71-011320
  71-011321
  71-011322
  71-011323
  71-011324
  71-011325
  71-011326
  71-011327
  71-011328
  71-011359
  71-011360
Satake, N.
  71-003947
  71-011329
Satchell, G. H.
  71-003825
Sathyanesan, A. G.
  71-003181
Sato, M.
  71-000881
  71-000882
  71-004456
  71-004457
  71-004458
  71-004459
  71-004489
  71-004490
  71-004491
  71-009909
  71-011546
  71-011555
  71-013305
Sato, O.
  71-012635
Sato, R.
  71-004168
Sato, S.
  71-000647
  71-005673
  71-007017
Sato, Y.
  71-004351
  71-012417
  71-012442
Satoh, H.
  71-002122
Satou, M.
  71-003186
  71-003948
Satsmatadjis, J.
  71-010406
  71-010407
Sauer, D. M.
  71-003949
  71-003950
Sauerbier, I.
  71-003540
  71-003951
Saul, G. E.
  71-005199
Saunders, B. S.
  71-003801
Saunders, R. L.
  71-000130
  71-002185
  71-003284
  71-003285
  71-003952
  71-003953
  71-003954
  71-004538
  71-004615
  71-006284
  71-006701
  71-011564
  71-011733
Sauskan, V. I.
  71-008180
Sauter, S.
  71-011071
  71-011330
Savage, G. E.
  71-002675

...CONTINUED...
Savage, G. E.
71-003349
71-005162
Savan, M.
71-009450
71-009456
Savchenko, N. V.
71-005357
Saville, A.
71-013411
Savina, A.
71-003792
Savina, M. V.
71-003955
Savitz, J.
71-000883
71-006098
Savoie, B.
71-007683
Savvaitova, K. A.
71-000254
71-002035
71-004774
71-004775
71-005818
71-006489
71-006490
71-008768
71-008769
71-008850
Savvatimskiy, P. I.
71-007608
Sawa, M.
71-005358
71-005359
Sawada, T.
71-012010
71-012011
Sawara, Y.
71-003956
Saward, D.
71-011331
Sawyer, E. S.
71-009189
71-009190
71-009191
71-009192
71-009207
Sawyer, R. T.
71-009974
Sawyer, T. K.
71-009331
Sawyer, W. H.
71-003732
Saxena, P. K.
71-003957
Saxena, R.
71-011332
Saybolt, J.
71-011139
Saylor, C. F.
71-010199
Sazima, I.
71-005360
71-005361
Sazonov, Yu. I.
71-008181
71-008191
71-008727
Sbikin, Yu. N.
71-003958
71-003959
71-005273
71-005301
71-005362
Scalan, R.
71-001523
Scalet, C. G.
71-006078
71-007217
71-007735
71-007736
Scanlon, P. F.
71-000135
71-000143
71-003975
Scarfe, A. D.
71-005363
71-005364
Scarnecchia, D. L.
71-007609
71-012458
Scavia, D.
71-001085
71-001171
Schaaf, W. E.
71-006061
71-007567
Schachte, J. H., Jr.
71-000500
71-009193
71-009194
Schade, R.
71-003960
Schaefer, C. H.
71-010711
71-011333
Schaefer, R. G.
71-010127
Schaefer, R. R.
71-013487
71-013488
Schaefer, W. F.
71-006099
Schaeffer, B.
71-008182
71-008770
71-008771
Schafer, E. W., Jr.
71-011334
Schaffer, S. A.
71-012589
Schaffer, W. M.
71-005819
Schairer, J. O.
71-003961
Schalles, J. F.
71-000884
Schallock, E. W.
71-007137
Schaper, R. A.
71-011609
Scharf, B. W.
71-010408
Schartl, M.
71-008689
Schat, K. A.
71-009406
Schatte, P.
71-009575
Schauer, P. S.
71-000885
71-000890
Schauss, R. P., Jr.
71-008183
Scheer, G.
71-011892
Scheich, H.
71-003358
71-003962
71-003963
71-003964
71-005036
Scheider, W. A.
71-001172
71-010115
Scheier, A.
71-011335
Schein, M. W.
71-005352
71-006487
Scheir, A.
71-011336
Schekter, R. C.
71-006983
Scheline, R. R.
71-004081
71-011398
Schell, D. M.
71-001050
Schell, S. C.
71-009910
71-009911
Schellart, N. A. M.
71-005338
Schelske, C. L.
71-001086
Schemske, D. W.
71-008105
Schenck, J. R.
71-005820
71-006491
71-007218
Scherba, S., Jr.
71-012798
Scherer, E.
71-005365
71-011337
Scherer, M. D.
71-001940
71-012703
Schiewe, M. H.
71-009108
71-009110
71-009195
71-009977
Schiff, D.
71-003458
Schillinger, J. E.
71-012903
Schimmel, S. C.
71-003965
71-010861
71-011338
71-011339
71-011340
71-011341
71-011610
Schindler, D. W.
71-001087
71-001173
71-001359
71-001363
71-001364
Schlegel, P.
71-003966
Schlesinger, D. A.
71-011024
71-011025
Schlesingler, A.
71-010079
Schlisio, W.
71-003967
Schlueter, R. A.
71-006492
71-007610
71-007958
71-008139
71-008184
71-009363
71-009876
71-009981
71-010409
71-010489
Schluns, J.
71-001581
Schluter, U.
71-009912
Schmidt-Nielsen, B.
71-003968
71-004127
Schmidt-Nielsen, K.
71-003362
Schmidt, G. D.
71-009913
71-009914
Schmidt, J. T.
71-001941
71-003969
Schmidt, R. E.
71-005821
71-005822
71-007611
71-013427
Schmidt, S. P.
71-003970
71-003971
Schmidtke, J.
71-004597
Schmitt, C. C.
71-006493
71-007488
Schmitt, C. J.
71-006105
Schmitt, D. N.
71-007612
Schmittou, H. R.
71-000136
Schmulbach, J. C.
71-005366
71-005735
71-007122
71-012158
Schneeberger, P. J.
71-009690
Schneider, D. E.
71-003007
Schneider, J. C.
71-006100
71-006101
71-008413
71-012459
71-012799
71-012897
71-012898
Schneider, L. M.
71-002719
Schneider, M. J.
71-002212
71-002465
71-009631
71-011342
71-011453
Schneider, P. W., Jr.
71-009522
Schneider, R. W.
71-010410
71-010411
Schneider, S. R.
71-011343
Schnell, G. D.
71-005083
71-007832
Schnell, J. V.
71-011344
Schnick, R. A.
71-011145
71-011345
71-011346
71-011602
Schnicke, G. T.
71-012913
Schnute, J.
71-004612
71-012800
Schoch, W. F.
71-012786
Schoen, T. M.
71-001942
Schoenhage, A. A. C.
71-005266
Schoenherr, A. A.
71-005367
71-006494
Schoettger, R. A.
71-010955
71-011105
Schofer, W.
71-006495
Schofield, C. L.
71-010145
Scholes, P.
71-000648
Scholl, A.
71-004776
Scholz, A. T.
71-005368
71-005369
71-005370
71-006234
71-006235
71-006496
Schonborner, A. A.
71-003972
Schone, R.
71-005815
Schonenberger, N.
71-004336
71-004337
Schooley, J. K.
71-005371
Schoonbee, H.
71-009055
Schoonbee, H. J.
71-004051
...CONTINUED...
Schoonbee, H. J.
71-009056
71-010797
71-011382
Schott, J. W.
71-003973
Schoumacher, R.
71-007349
71-013494
Schrader, E. L.
71-010412
Schram, T. A.
71-009915
Schramm, H. L., Jr.
71-000428
71-007219
Schreck, C.
71-002558
Schreck, C. B.
71-000003
71-000041
71-000042
71-000966
71-002064
71-002559
71-003868
71-003974
71-003975
71-004133
71-004136
71-004137
71-004995
71-008418
71-009209
71-009217
71-010599
71-011347
71-011348
71-011434
71-012310
71-012599
Schreiber, D. C.
71-007220
Schreiber, J. C.
71-010125
Schreiber, W.
71-007911
Schreibman, M. P.
71-002884
71-003467
71-003733
71-003976
71-003977
71-003978
71-004777
71-004778
Schreiner, K. M.
71-011734
Schroder, J. H.
71-001943
71-005090
Schroder, S. L.
71-001944
Schroeder, G. L.
71-000886
71-012662
Schroeder, J. L.
71-000501
Schroeder, M. H.
71-001088
Schroeder, P.
71-012529
Schubauer, J. P.
71-003298
71-011349
Schubel, J. R.
71-003979
Schuler, V. J.
71-012704
Schulte, E.
71-001922
71-001945
71-008757
Schultz, C. A.
71-005975
Schultz, D. P.
71-011575
71-011611
71-011612
Schultz, H. C.
71-011853
Schultz, R. J.
71-004779
71-004846
71-004847
Schultz, S. A.
71-007847
Schultz, T. W.
71-011350
Schultz, V.
71-013453
Schulz, P. D.
71-013347
Schulz, S.
71-011304
Schulze-Wiehenbrauck, H.
71-003980
Schumacher, P. D.
71-010413
Schumann, J.
71-001605
Schumann, W.
71-006377
Schupp, D.
71-012431
Schupp, D. H.
71-006102
Schurer, F. A.
71-004264

Schuster, G. A.
71-001273
Schuster, V. L.
71-002954
Schutsky, R. M.
71-005283
71-011289
Schuytema, G. S.
71-000036
Schwab, M.
71-009916
Schwagmeyer, P.
71-003981
Schwartz, E. L.
71-001946
Schwartz, F. J.
71-007188
71-007221
71-008120
71-008136
71-008185
71-008186
71-008414
71-009970
71-012801
Schwartz, H. S.
71-011735
Schwartz, J. D.
71-011906
Schwartz, M. P.
71-012140
Schwedler, T. E.
71-009457
Schwehr, D. J.
71-001271
Schweigert, J. F.
71-012460
Schweitzer, D. L.
71-011796
71-012207
Schwerdtfeger, W. K.
71-001947
71-001948
71-003982
71-003983
Sciarrotta, T. C.
71-006702
Scientific Committee on Ocean Research
71-001339
Sciuto, S.
71-010016
Scoppettone, G. G.
71-008187
Scott, A.
71-012273
Scott, A. L.
71-003984
71-009917
Scott, A. P.
71-000887
71-000979
71-006497
Scott, C. L.
71-003298
71-011349
Scott, D.
71-004717
71-010275
71-012461
Scott, D. B. C.
71-003985
71-005372
71-006274
71-006498
Scott, D. P.
71-010020
71-011076
71-011852
Scott, D. P. D.
71-013306
Scott, J. R.
71-003320
Scott, J. S.
71-010414
Scott, K.
71-008129
Scott, S. A.
71-003986
Scott, T. G.
71-011853
Scott, W. B.
71-008029
71-008888
Scow, D. T.
71-007689
Scullion, J.
71-010415
Scully, R. J.
71-012934
Scura, E. D.
71-007222
Seagrave, C.
71-009403
Seagrave, S. P.
71-009364
Searcy, J. A.
71-001082
Sears, F. W.
71-001041
Sears, H. S.
71-005943
Sears, R.
71-007869
Seawell, W.
71-012129
Seawell, W. M.
71-012600
Sebastian, C. A.
71-009196

Sebens, K. P.
71-012361
Sebert, F.
71-002214
Sedberry, G. R.
71-008667
Sedell, J. R.
71-001099
71-001357
Sedletskaya, V. A.
71-006499
See, C.
71-000097
Seeger, P.
71-001033
Seegert, G. L.
71-001034
71-010643
71-010644
71-011090
71-011351
71-011414
Seehorn, M. E.
71-008772
Seeley, R. J.
71-009458
71-011413
Seeley, V. A.
71-009458
71-011413
Seepersad, B.
71-001340
Seethaler, K.
71-005823
71-013004
Segretto, P. S.
71-013477
Sehgal, K. L.
71-000255
71-000406
71-000408
71-000888
71-000889
Seibert, H.
71-003987
Seid-Rzayev, M. M.
71-006500
Seidel, C. R.
71-000890
Seidensticker, E. P.
71-011736
71-012302
71-013109
Seidler, R. J.
71-009167
Seifert, R. D.
71-001050
Seigel, J. A.
71-008773
71-008774
71-008775
71-008776
Seim, W. K.
71-011025
71-013412
Seitz, W. K.
71-012208
Sekharan, K. V.
71-006103
71-008188
Seki, K.
71-002768
Seki, N.
71-003988
71-004017
Sekiguchi, H.
71-007223
71-007224
71-007613
Sekine, Y.
71-009131
Sekizawa, Y.
71-011442
Selby, D.
71-012362
Seleznev, V. V.
71-013096
Selgeby, J. H.
71-007225
Selifonov, M. M.
71-006104
Seliga, T. A.
71-010416
Selivonchick, D. P.
71-002610
71-003989
Sellers, C. M., Jr.
71-002152
71-011028
71-011184
Sellner, P. A.
71-002952
Selman, K.
71-004331
71-004332
Selmer-Olsen, A. R.
71-010034
Selset, R.
71-004417
71-004418
71-004974
71-005373
Selvaraj, C.
71-005781
Selvaraja, C.
71-012658
Semenova, S. K.
71-004796

Sen, P. R.
71-000339
71-000340
71-000341
71-000704
71-000891
71-012663
Seng-Keh, T.
71-000918
Seng, L. T.
71-008979
Sengupta, A.
71-000370
Senn, D. G.
71-001838
Senn, H.
71-000228
71-000256
Senn, H. G.
71-000257
Senta, T.
71-008189
Sentishcheva, S. V.
71-006524
Serchuk, F. M.
71-006105
71-012705
Serebrov, L. I.
71-005374
71-005375
Serebryakov, V. P.
71-001949
Serenko, V. A.
71-008190
Sergeant, D. B.
71-011352
Sergiyenko, V. A.
71-008699
Serizawa, C.
71-004818
Serns, S. L.
71-004780
71-006703
71-011353
71-011354
71-011613
71-011888
71-012601
71-012881
Serobaba, I. I.
71-004781
71-006501
Serra B., J. R.
71-006502
Serra, V.
71-004782
Serrier, J.
71-004220
71-004901
71-005752
Serruya, C.
71-001089
Serruya, S.
71-001126
Sersland, H. N.
71-011737
Servetiadis-Hirt, L.
71-002615
Servillo, L.
71-002183
Servizi, J. A.
71-003990
71-011355
71-011356
Seshagiri Rao, B. V.
71-008777
71-008778
71-008779
Seshappa, G.
71-005824
71-008780
Sessions, S. K.
71-003250
Sesso, A.
71-002015
71-004260
Sethness, E. D.
71-013486
Setlow, R. B.
71-004429
Settle, D. M.
71-010417
Settle, H.
71-010500
Settles, W. H.
71-005825
71-006503
Setzler, E. M.
71-005826
71-005827
Severin, S. O.
71-004783
Severson, R. F.
71-000137
Seymour, J. L.
71-012071
Sezaki, K.
71-004693
71-004694
71-004784
Shabalina, A. A.
71-000837
Shaboneyev, I. Ye.
71-006106
71-008781
Shackley, P. E.
71-005955

...CONTINUED...
Shackley, P. E.
71-012400
Shackley, S. E.
71-000649
71-003991
71-003992
71-003993
71-003994
71-006504
Shaeffer, J.
71-011473
Shaffer, W. R.
71-004898
Shaffi, S. A.
71-003141
71-003995
71-003996
71-011357
Shafi, M.
71-005828
Shafland, P. L.
71-000650
71-001035
Shagalov, L. B.
71-004283
Shah, A. V.
71-003080
Shah, K. L.
71-000437
71-007226
71-009237
Shah, P.
71-010762
Shaham, Y.
71-004475
Shaheen, A. H.
71-013139
Shahmoradi, A. M.
71-010225
Shakhmatova, E. I.
71-004293
Shaklee, J. B.
71-004785
71-004856
Shakuntala, K.
71-007196
Shamsuzzaman, K. M.
71-003088
Shanbhogue, S. L.
71-007227
Shand, I. G.
71-010731
Shane, S.
71-007228
Shaner, J.
71-003997
Shang, Y. C.
71-000502
Shannon, L. R.
71-010661
71-011358
Shapiro, D. Y.
71-004786
Shapiro, J.
71-001072
Shapiro, L. S.
71-008303
71-008415
Shapiro, S. A.
71-003998
Shaposhnikova, G. Kh.
71-001950
71-008782
Shapot, R. M.
71-010418
Sharipov, K. O.
71-003999
Sharma, B. B.
71-001476
Sharma, B. K.
71-000407
71-000958
Sharma, C. L.
71-001951
71-001952
Sharma, K.
71-011310
71-011312
Sharma, K. P.
71-005469
Sharma, M. L.
71-010605
Sharma, M. S.
71-002616
Sharma, P. K.
71-009918
Sharma, R. K.
71-009918
Sharma, S. K.
71-011316
71-011320
71-011321
71-011324
71-011359
71-011360
Sharma, S. N.
71-004446
Sharom, M. S.
71-010419
Sharova, L. V.
71-003912
Sharp, B. J.
71-005332
Sharp, G. D.
71-004000
71-004001
71-012802
Sharp, J. C.
71-004787

Sharp, J. R.
71-011361
Shastov, Yu. A.
71-007242
Shatunovskiy, M. I.
71-002572
71-003312
71-003664
71-008365
Shaw, E.
71-004929
71-005376
Shaw, M. K.
71-009919
Shaw, R.
71-006303
Shaw, T.
71-001272
Shay, R.
71-011738
Shchekaturina, T. L.
71-004002
Shcherbachev, Yu. N.
71-008191
71-008783
Shcherbich, L. V.
71-007614
Shcherbina, L. I.
71-001695
Shcherbina, M. A.
71-000780
71-000892
71-000893
71-004003
Shcherbina, T. V.
71-004003
Shcherbina, Z. N.
71-004681
Shchigel'skaya, V. P.
71-000313
Shchurov, I. L.
71-007626
Shearer, J. A.
71-001090
Shearer, K. D.
71-012462
Shearer, W. M.
71-006307
71-006734
Shears, M. A.
71-004004
Shecherbina, M. A.
71-004005
Sheehan, R. J.
71-000426
Sheehy, D. J.
71-013307
Sheel, M.
71-006545
Shefler, D.
71-007615
Shefner, J. M.
71-004006
Shekhanova, I. A.
71-003452
71-011188
Shelbourn, J. E.
71-002450
71-007616
Sheldon, A.
71-001273
Sheldon, J. A.
71-004007
Sheldon, J. M.
71-005340
Sheldon, R. W.
71-007229
Sheldon, S. P.
71-001645
Shell, E. W.
71-000020
Shellis, R. P.
71-001417
71-001953
Shelpuk, C.
71-010164
71-010165
Shelton, G.
71-004423
Shelton, P. A.
71-006842
Shelton, R. G. J.
71-007230
Shelton, W. L.
71-000403
71-000404
71-000503
71-001954
71-003036
71-004008
71-004192
71-006549
71-007617
71-007647
71-008364
71-012184
71-012185
71-012620
71-013115
Shen, A. C. Y.
71-004009
71-004010
Shen, S.-C.
71-008192
71-008193
71-008194
71-008784
Shenker, J. M.
71-013140
Shenouda, S. Y. K.
71-013307
Shepard, J. A.
71-007482
Shepard, W. D.
71-005737
Shepel', L. I.
71-005891
Shephard, K.
71-011362
Shephard, R. J.
71-013296
Shepherd, M. E.
71-007618
Sheppard, J. M.
71-010580
71-011189
Sherberger, F. F.
71-004011
71-010080
Sherburne, S.
71-009452
Sherburne, S. W.
71-009017
71-009451
71-009459
71-009465
Sherfinski, R. G.
71-012619
Sheridan, P. F.
71-005689
71-007231
71-007232
71-013135
Sherman, I. W.
71-004346
Sherman, L. E.
71-009159
Sherman, M. M.
71-000816
Sherman, W. R.
71-004012
Sherr, C. A.
71-012803
Shershnev, A. P.
71-006704
Sherstnyeva, T. A.
71-000837
71-004013
Shertzer, R.
71-010634
Sherwood, M. J.
71-009920
71-010298
Sherwood, T.
71-012986
Shestopalova, G. N.
71-006505
Shetty, H. P. C.
71-000925
71-012804
Shevchenko, V. V.
71-012720
Shevelev, M. S.
71-008093
Shibuya, T.
71-004152
Shidoji, Y.
71-004014
Shieh, H. S.
71-009197
71-009198
Shiganova, T. A.
71-001955
71-004015
71-005769
Shikhshabekov, M. M.
71-006506
71-006507
71-006508
Shilenkova, A. K.
71-006550
Shilov, V. I.
71-006509
Shilov, V. N.
71-006352
Shima, L. J.
71-000037
Shimada, H.
71-000667
Shimamura, T.
71-012602
Shimeno, S.
71-004016
Shimizu, C.
71-002102
71-002103
71-002104
71-003289
Shimizu, E.
71-003278
Shimizu, I.
71-011191
Shimizu, M.
71-004350
71-008970
71-009131
71-012441
Shimizu, Y.
71-003653
Shimma, Y.
71-000909
Shimomura, M.
71-004017
Shinderite, V. S.
71-004788
Shing, J.
71-002539
...CONTINUED...
Shing, J.
71-002546
Shinomiya, H.
71-012603
Shiomi, K.
71-010239
Shipp, R. L.
71-008491
Shiraishi, M.
71-003600
Shirazi, M. A.
71-006463
71-013412
Shireman, J. V.
71-000492
71-000504
71-000505
71-000506
71-000894
71-003440
71-003441
71-005539
71-005571
71-005936
71-006835
71-007233
71-007619
71-009199
71-010220
Shirgur, G. A.
71-011614
Shirkova, A. P.
71-004789
Shirley, K. E.
71-006107
71-006132
Shiro, K.
71-002923
Shirokova, M. Ya.
71-004018
Shirokova, N. N.
71-011560
Shirokova, T. V.
71-011239
Shirota, A.
71-001956
71-001957
Shishmarev, V. M.
71-002074
Shmain, E.
71-001126
Shoemaker, R. L.
71-002262
Shoemaker, T. G.
71-011751
Sholes, W. H.
71-012463
Shomura, R. S.
71-012604
Shono, T.
71-010823
Short, D. W.
71-007620
Short, R. A.
71-001091
Short, S.
71-002365
71-004019
Shortreed, K. R. S.
71-000265
71-001367
71-012666
Shortreed, K. S.
71-001093
71-001307
71-012665
Shotter, R. A.
71-009018
Shotts, E. B.
71-008947
Shotts, E. B., Jr.
71-009070
71-009081
71-009082
71-009177
71-009200
71-009201
71-009202
Shouji, A.
71-000604
Showalter, W. J., Jr.
71-010168
Shpak, V. M.
71-004790
Shpannkhof, L.
71-002663
Shreni, K. D.
71-003139
Shrivastava, R. S.
71-011363
Shrode, J. B.
71-002797
71-004020
71-004021
71-006282
Shterman, L. Ya.
71-003372
Shtundyuk, Yu. V.
71-008195
71-008753
Shub, C.
71-002561
Shubin, P. N.
71-004022
71-004791
Shubnikov, D. A.
71-005829
71-005830
...CONTINUED...
Shubnikov, D. A.
71-006510
71-007234
71-008196
71-013308
Shubnikova, N. G.
71-001958
71-001959
71-002028
71-004843
71-006067
Shul'man, G. Ye.
71-004449
Shuldiner, P. W.
71-012072
Shultz, C. D.
71-010420
71-011364
71-011365
Shum, G.
71-010811
Shupp, B. D.
71-011739
71-012899
Shurben, D. G.
71-002130
71-010558
Shust, K. V.
71-007621
71-008197
Shustov, Yu. A.
71-007626
Shute, J. R.
71-005831
71-008013
71-008016
Shute, P. W.
71-005831
71-008013
71-008016
Shuter, B. J.
71-006108
71-006109
71-008416
Shuttleworth, T. J.
71-004023
71-004024
Shuvatova, T. F.
71-002825
71-002826
Shvetsov, F. G.
71-008198
Siau, Y.
71-009365
71-009366
Sibert, J.
71-007236
Sibert, J. R.
71-006055
71-007235
Sibirtsev, G. G.
71-008371
Sibunka, J.
71-006155
Sibunka, J. D.
71-006711
Siciliano, M. J.
71-004723
Siddiqui, A. H.
71-004026
71-010007
Siddiqui, A. Q.
71-000410
71-004025
71-004026
71-006511
71-006824
71-012900
71-012901
Sidelev, G. N.
71-007989
Sideleva, V. G.
71-001960
71-001961
Sidell, B. D.
71-003727
71-004027
71-004028
71-004792
71-004793
71-008785
Sidon, E. W.
71-001872
Sidorin, A. P.
71-012770
Sidorov, V. S.
71-002274
71-003421
71-003422
Siebenaller, J.
71-004029
Siebert, D. J.
71-006705
71-008073
Sieburth, J. McN.
71-000103
71-000158
Siefert, R. E.
71-006512
Siegel, C. D.
71-004369
Siegel, R. A.
71-012805
Siegfried, C. A.
71-001274
Siesennop, G. D.
71-010549

...CONTINUED...
[illegible] D.
71-[illegible]0
[illegible] F.
71-[illegible]4
Siewart, T.
71-[illegible]337
Sige, M. M.
71-003524
71-004019
Sig[illegible]nevich, G. P.
71-011724
Sigler, W. F.
71-005832
Sigmon, C.
71-011367
Sigmon, C. F.
71-010421
71-011366
Sikama, Y.
71-009020
71-009021
Sikora, C. A.
71-000222
71-000258
Sil'chenko, G. F.
71-006513
Sil'va, A.
71-005377
Sil'yanova, Z. S.
71-006387
Silas, E. G.
71-008199
Silco, E.
71-011580
Siler, J. R.
71-009322
71-010422
Siler, W.
71-006445
Silfontes, F. R.
71-013309
Silkina, N. I.
71-004480
Sills, J. B.
71-011368
71-011615
Silva, A.
71-005230
71-005300
Silva, E. I. L.
71-005555
Silva, P.
71-002648
71-004030
71-004123
71-004124
Silva, S.
71-012135
Silver, C. A.
71-005193
Silverman, A.
71-012925
Silverman, H. I.
71-005378
71-006514
71-006515
71-006516
Silverman, L.
71-010512
Silverman, M. J.
71-005833
71-008275
71-008276
Silvert, W.
71-011740
71-011741
Simanek, D. E.
71-004794
71-005413
71-008243
Simco, B. A.
71-000327
71-000543
71-002523
71-004224
71-005267
71-007804
71-010733
71-011273
71-011459
71-011460
71-011461
71-011462
Simenstad, C. A.
71-007237
Simkiss, K.
71-007570
71-007572
71-007573
71-011362
Simmons, D. B.
71-001118
Simmons, G. M., Jr.
71-012057
71-013495
Simmons, H. B.
71-000902
Simms, S. E.
71-006706
Simon, J.
71-010863
Simon, R. C.
71-002802
Simonet, D. E.
71-001275
Simonin, H. A.
71-000038
71-010743
71-010744

...CONTINUED...
Simonin, H. A.
71-011369
71-013348
Simonova, N. A.
71-006110
Simons, T. J.
71-001056
71-001119
71-001120
71-001155
Simpson, C. F.
71-010682
Simpson, D. E.
71-012605
Simpson, D. T.
71-009921
Simpson, K. L.
71-000813
71-000885
71-000890
71-003016
71-003506
Simpson, P. C.
71-004012
Simpson, T. H.
71-000206
71-000207
71-000208
71-003716
71-003717
71-003717
71-003717
Sims, G. G.
71-010423
71-011370
Sinclair, D. C.
71-012429
Sinclair, D. F.
71-001978
Sinclair, M.
71-001174
Sinclair, T. F.
71-008912
71-009460
Sinclair, W. F.
71-011742
71-011805
Sindermann, C. J.
71-009022
71-009023
Singapore Marine Fisheries Research Department
71-011854
Singer, M.
71-002793
71-002794
Singh, A. K.
71-004031
Singh, B. R.
71-003556
71-004446
Singh, H.
71-011371
71-011372
Singh, H. T.
71-011074
Singh, M.
71-001981
Singh, R.
71-004032
Singh, S. B.
71-000895
71-004033
71-005525
Singh, S. M.
71-010424
Singh, S. P.
71-001962
71-001963
71-012606
Singh, T. P.
71-004032
71-004034
71-011371
71-011372
Singley, J. A.
71-004035
71-004036
71-004037
Sinha, M.
71-012521
Sinha, V. R. P.
71-000507
71-001036
Sinley, J. R.
71-010730
Sinnhuber, R. O.
71-000277
71-000903
71-000952
71-000953
71-002631
71-004130
71-010632
71-010885
71-010886
71-011064
71-011091
Sinning, J. A.
71-007960
Sinoda, M.
71-007622
71-008200
Sinyukova, V. I.
71-008325
Siret, J. R.
71-004038
Sirikul, B.
71-000798

Siriyong, R.
71-010301
Sirotenko, M. D.
71-007238
71-007239
71-007240
Sis, R. F.
71-001964
Sisk, M. E.
71-008201
Sissenwine, M. P.
71-006111
71-012607
71-013310
71-013311
Sitthichaikasem, S.
71-011373
Sittler, B.
71-010235
Sivak, J. G.
71-001965
71-001966
71-001967
71-001968
71-004039
Sivalingam, P. M.
71-010425
Sivarajah, K.
71-011374
71-011375
71-011376
Six, L. D.
71-007623
Sizemore, D. R.
71-010909
Sjoberg, K.
71-006517
Sjoblom, V.
71-006112
71-006113
71-006114
71-006115
71-006116
71-006117
71-006118
71-006119
71-006120
71-006121
71-006707
71-006708
71-006709
71-008417
71-009922
71-009923
71-009924
71-009925
Skadsen, J. M.
71-002050
71-005435
71-011377
Skazkina, I. P.
71-004040
Skea, J. C.
71-000038
71-010744
71-011369
71-013348
Skille, J. M.
71-001062
Skillman, R. A.
71-007624
Skinner, E. R.
71-011256
Skinner, J. E.
71-011743
Skinner, R. H.
71-009024
71-009025
Sklyarov, V. Ya.
71-000776
71-000777
Skoge Johnsen, G.
71-009203
Skogerboe, R. K.
71-010426
Skorping, A.
71-009926
Skow, L. C.
71-004041
71-004795
Skrede, A.
71-000896
Skreslet, S.
71-006518
71-008202
Skrzynski, W.
71-010275
Skud, B. E.
71-006493
71-006710
71-012274
71-012531
71-012608
71-012609
71-013263
71-013312
Slade, E. A.
71-012073
Slade, N. A.
71-007154
Slaney, P. A.
71-012046
71-012074
Slaski, L. J.
71-011701
Slatick, E.
71-012363

Sled', T. V.
71-007625
Sleight, B. H. III
71-009332
Sliger, W. A.
71-007946
71-011378
Slijkhuis, H.
71-004042
Slinde, E.
71-001969
71-004229
Slinger, S. J.
71-000681
71-000761
71-000762
71-000763
71-000764
71-000768
71-002984
71-002985
71-003028
71-003384
71-003385
71-003389
71-010904
Slof, G. A.
71-004264
Slonova, S. A.
71-006943
71-007241
Slooff, W.
71-010427
71-011379
Slota, E.
71-004043
Sloterdijk, H. H.
71-008203
Slovin, M.
71-005379
Slovin, M. I.
71-005380
Slugin, I. V.
71-008753
Sly, P. G.
71-001056
71-001092
Slyn'ko, L. I.
71-009041
Slyn'ko, V. I.
71-004044
71-004796
Smail, D. A.
71-009461
71-009462
Small, J. W., Jr.
71-006122
Small, R. D.
71-010057
Smart, C. W.
71-011938
Smart, G.
71-011380
Smart, G. R.
71-000180
71-002627
71-004045
71-009927
Smart, H. J.
71-002788
71-005381
Smatresk, N. J.
71-004046
Smeda, J. S.
71-003046
71-003051
71-004047
Smedstad, O. M.
71-007813
71-007814
Smernov, S. A.
71-002584
Smigielski, A. S.
71-000651
71-007059
Smirnov, A. I.
71-004797
Smirnov, S. A.
71-005540
Smirnov, Yu. A.
71-002274
71-007242
71-007626
Smirnova, I. B.
71-011381
Smirnova, L. I.
71-004048
71-004049
Smirnova, Zh. V.
71-002685
Smit, G. L.
71-004050
71-004051
71-009055
71-009056
71-010797
71-011382
71-011383
71-011384
71-011385
Smit, H.
71-002770
71-004052
Smith-Grayton, P. K.
71-005382
Smith-Pollard, L.
71-005834
Smith-Vaniz, W. F.
71-008453

...CONTINUED...
Smith-Vaniz, W. F.
71-008520
71-008786
71-008787
Smith, A. C.
71-003856
71-004053
71-004054
71-004798
71-009011
71-009928
71-009929
Smith, A. D.
71-011386
Smith, A. O.
71-007243
71-010410
71-013059
Smith, B. H.
71-012987
Smith, B. P.
71-011387
Smith, B. R.
71-005726
Smith, B. W.
71-012064
71-013040
Smith, C. A.
71-009467
Smith, C. E.
71-000897
71-009071
71-009301
71-009367
71-009636
71-009704
71-009930
71-009931
71-011456
Smith, C. F.
71-003979
Smith, C. L.
71-002164
71-006123
71-008673
71-008788
71-012209
Smith, D.
71-000024
71-009476
Smith, D. A.
71-011744
Smith, D. C.
71-000433
Smith, D. D.
71-012075
Smith, D. G.
71-001970
71-004055
71-004056
71-006519
71-008789
71-008790
Smith, D. J.
71-012512
Smith, D. R.
71-011803
Smith, E. A.
71-001175
Smith, E. A. H.
71-004057
Smith, E. C.
71-010428
Smith, E. J.
71-011388
Smith, E. M.
71-013463
Smith, F. J.
71-012210
Smith, F. M.
71-004058
Smith, G.
71-002853
Smith, G. B.
71-001971
71-006124
71-008204
71-008311
71-008616
71-012076
Smith, G. D.
71-003727
Smith, G. E.
71-012364
Smith, G. R.
71-004732
71-005436
Smith, H. T.
71-008418
Smith, I. R.
71-000508
Smith, J.
71-004793
71-008205
Smith, J. C.
71-002710
71-004059
71-004060
Smith, J. D.
71-009757
Smith, J. E.
71-004612
71-009112
71-012211
71-012212
Smith, J. G. M.
71-000712
Smith, J. J.
71-004531
71-008187
71-008206
Smith, J. R.
71-004061
71-012694
Smith, J. W.
71-010001
Smith, K.
71-009593
Smith, K. M.
71-010143
Smith, L.
71-008389
Smith, L. L., Jr.
71-003281
71-004735
71-006125
71-008433
71-010546
71-010547
71-010548
71-010549
71-010550
71-010638
71-010639
71-010839
71-010986
71-011389
71-011390
71-011391
71-011392
71-011393
Smith, L. S.
71-002394
71-004062
71-004430
Smith, L. T.
71-000259
Smith, M.
71-002604
Smith, M. A.
71-012066
71-012982
Smith, M. A. K.
71-002919
71-002921
71-004063
71-004064
71-007627
Smith, M. H.
71-004529
71-004532
71-004593
71-004603
71-004944
71-010015
Smith, M. J.
71-002896
71-004065
71-004066
71-004067
71-011394
Smith, M. L.
71-008419
71-008791
71-008792
Smith, M. M.
71-001972
71-008793
71-008794
Smith, M. W.
71-004799
Smith, N. W.
71-013433
Smith, P.
71-000812
71-007916
Smith, P. C.
71-009121
Smith, P. E.
71-008377
71-012610
71-013369
71-013372
71-013413
Smith, P. J.
71-002784
71-004068
71-004069
71-004800
71-004801
71-004802
71-008795
71-008796
Smith, P. M.
71-010565
Smith, P. W.
71-007769
71-008106
71-008717
71-008797
Smith, R. J.
71-011760
Smith, R. J. F.
71-001688
71-001973
71-004070
71-005003
71-005155
71-005156
71-005383
71-005384
71-009997
Smith, R. L.
71-004071
71-006452
...CONTINUED...
Smith, R. L.
71-006562
71-010679
71-011395
Smith, R. R.
71-004072
Smith, R. W.
71-005835
Smith, R. Z.
71-012472
71-012474
Smith, S. A.
71-012902
Smith, S. B.
71-012855
Smith, S. C.
71-011745
Smith, S. D.
71-002299
Smith, S. E.
71-013471
Smith, S. L.
71-006520
71-007426
71-008420
71-012213
Smith, T. G.
71-007244
Smith, T. I. J.
71-000652
Smith, W. E.
71-007245
Smith, W. G.
71-005836
71-006155
71-006230
71-006711
71-007730
Smith, W. H. B.
71-010429
Smitherman, R. O.
71-000303
71-000349
71-000352
71-000509
71-000549
71-004822
71-007344
71-013041
71-013332
Smock, L. A.
71-001276
Smoker, W. W.
71-000260
Smokler, P. E.
71-010430
Smyly, W. J. P.
71-007246
Smyth, M. E. B.
71-007140
Snarski, V. M.
71-011202
71-011396
Snelson, F. F.
71-008798
Snelson, F. F., Jr.
71-008799
71-008800
Snieszko, S. F.
71-009026
71-009027
71-009064
71-009204
71-009205
Sniffen, R. P.
71-011976
71-012077
Snow, H. E.
71-012214
Snow, J. R.
71-000039
71-000510
71-000511
71-000512
71-000965
71-013042
Snyder, B.
71-010277
71-011992
Snyder, C. B.
71-011401
71-011402
Snyder, D. E.
71-001974
71-001975
71-007777
71-008801
71-008802
Snyder, G. R.
71-012078
Snyder, M. B. M.
71-008802
Snyder, W.
71-010115
Snytko, V. A.
71-008207
So, Y.-P.
71-004073
Sobhana, B.
71-004074
71-006521
Sochasky, J. B.
71-000130
Sodergren, S.
71-010431
Soeda, H.
71-012602
Sogandares-Bernal, F.
71-009932
Sohn, J. J.
71-004951
71-005385
71-008421
Soin, S. G.
71-000653
71-001782
71-001976
71-002166
71-006453
Soivio, A.
71-003644
71-004075
71-004076
71-004077
71-004078
71-010010
71-011397
Sokol'skii, A. F.
71-000085
Sokolov, L. I.
71-006522
71-007628
Sokolova, M. M.
71-003629
Sokolovskaya, T. S.
71-008208
Sokolovskiy, A. S.
71-008208
71-008209
Sokolowska, M.
71-004079
71-004080
Sola, L.
71-004563
Solangi, M. A.
71-009277
71-009368
Solazzi, M.
71-012599
Solbakken, J. E.
71-004081
71-011398
Solbe, J. F. de L. G.
71-011399
Soldwedel, R. H.
71-012464
Solemdal, P.
71-001529
Solmie, A.
71-000167
Soloff, B. L.
71-001556
Solomon, D. J.
71-001477
71-004803
71-005386
71-006712
71-012706
Solomon, H. M.
71-011400
Solomon, J.
71-011055
71-012021
71-012022
71-012023
71-012025
71-012027
71-012029
71-012031
71-012032
71-012033
Solomon, R.
71-004030
Solomon, R. J.
71-002648
Solovkina, L. N.
71-005511
71-005837
Soltitskaya, L. P.
71-003597
Soltz, D. L.
71-004646
71-005838
71-008066
Soma, M.
71-012365
Somalingam, J.
71-000363
Somasekharan Nair, K. V.
71-006126
Somero, G. N.
71-004029
71-004082
71-004469
71-004470
71-011401
71-011402
Somkina, N. V.
71-004083
71-004084
71-004509
Somlo, C.
71-001492
Sonnevil, G. M.
71-011746
Sonnier, F.
71-008210
Sonntag, N. C.
71-011403
71-012741
Sonstegard, R.
71-004085
Sonstegard, R. A.
71-003383
71-009206
71-009810
71-009933

...CONTINUED...
Sonstegard, R. A.
71-011029
71-011030
71-011031
71-011192
Sontirat, S.
71-008803
Sonzogni, W. C.
71-001176
Sood, M. L.
71-009934
Soos, K.
71-010150
Sopov, Yu. N.
71-005164
Sopuck, R. D.
71-006713
Sorensen, D. L.
71-004086
Sorensen, E. M. B.
71-011404
71-011405
71-011406
Sorensen, L.
71-010254
Sorenson, E.
71-010296
Sorentino, C.
71-010432
Sorg, G.
71-002121
Sorgeloos, P.
71-001037
Sorokin, V. N.
71-001977
Sorokin, Yu. I.
71-001365
Sorokina, A. A.
71-001977
Sorvachev, K. F.
71-002274
Sosiak, A. J.
71-007247
Soto M., J.
71-009935
Soule, D. F.
71-010433
Soulier, P.
71-002214
Soundararajan, R.
71-008088
Sousa, R. J.
71-011407
Souter, B. W.
71-009206
71-009427
Southward, A. J.
71-006714
71-008211
71-010434
Southward, E. C.
71-010434
Southward, G. M.
71-007629
Sowles, J. W.
71-012642
Sozinov, I. A.
71-000261
Spaargaren, D. H.
71-004087
71-004088
Spacie, A.
71-000356
71-007811
71-010435
Spagnoli, J. J.
71-013348
Spain, A. V.
71-001584
71-001585
71-001978
Spangler, G. R.
71-006127
71-008422
71-008423
71-011747
71-012465
Spanier, E.
71-001038
71-009028
Spannhof, L.
71-000792
71-000866
71-004089
71-009029
Spanovskaya, V. D.
71-003366
71-004090
71-004091
71-006523
71-007248
71-007630
Sparks, R. E.
71-008212
Sparre, P.
71-000262
71-000263
Sparrowe, R. D.
71-013110
Spataru, P.
71-000513
71-000898
71-000899
71-007249
71-007250
71-007251
71-007252
Specker, J.
71-002558
Specker, J. L.
71-000966
Spehar, R. L.
71-010051
71-010052
71-011408
71-011409
71-011410
71-011411
71-011412
Speiler, R. E.
71-004092
Spenard, P.
71-012215
Spence, B.
71-004093
Spence, J.
71-001201
Spence, J. A.
71-010428
Spencer, K.
71-003518
Spencer, S. L.
71-012701
71-012702
Speranza, A. W.
71-011413
Sperber, O.
71-000263
Spieler, R. E.
71-001599
71-001600
71-004094
71-004095
71-004096
71-004097
71-004098
71-004099
71-004100
71-005011
71-005387
71-011414
Spierenburg, T. P.
71-011379
Spiesman, M.
71-010573
Spigarelli, S. A.
71-002239
71-004101
71-005388
71-006697
71-012216
71-012357
Spinelli, J.
71-000264
71-000808
71-000900
Spinney, H. C. E.
71-003785
Spira, A. W.
71-003082
Spira, M. E.
71-001826
71-002231
Spitzer, R.
71-008912
Spitzer, R. H.
71-004102
Spivak, E. G.
71-006524
Spivey, R. B.
71-013464
Spodniewska, I.
71-007018
71-012908
Spokes, K.
71-004030
Sponaugle, D. L.
71-001979
Spoor, W. A.
71-004103
Spotila, J. R.
71-002283
71-002649
71-003298
71-003318
71-004203
71-011349
71-011415
Spouge, J. L.
71-001980
Spoustova, J.
71-007253
Sprague, J. B.
71-010803
71-010919
71-011416
Sprague, V.
71-009030
Spray, D. C.
71-002231
Springate, J. R. C.
71-006497
Springer, S.
71-008804
71-010436
Sprules, W. M.
71-012303
Spry, D. J.
71-010903
71-010905
71-010906
71-010908
Spykermann, V. L.
71-006810
Squibb, K. S.
71-011203
Squiers, T. S.
71-002470
Squire, J. L., Jr.
71-005389
71-013472
Squires, E. J.
71-004104
Squires, W. R.
71-000972
71-011225
Sreedharan, A.
71-001180
71-003785
71-003954
Sreenivasan, A.
71-013111
Sreenivasan, P. V.
71-007254
71-008213
71-008214
Sribhibhadh, A.
71-000138
Srinivasa Rao, K.
71-008805
Srinivasan, S. R.
71-012079
Srivastava, A. K.
71-010555
71-011151
71-011417
71-011418
Srivastava, C. B. L.
71-001981
Srivastava, J. B.
71-000514
Srivastava, N. K.
71-012521
Srivastava, S.
71-001982
Sroczynski, S.
71-001983
71-004105
St. Amant, J. A.
71-012434
71-012466
St. John, L. E., Jr.
71-010556
St-Pierre, G.
71-013263
Stabler, L. A.
71-012080
Stacey, N. E.
71-002468
71-004106
71-004107
71-006451
Stacey, P. B.
71-005390
Stadelman, D.
71-012810
Staeck, W.
71-008806
71-008807
Stahl, G.
71-000250
71-004522
71-004773
Staiger, J. C.
71-008631
Stainken, D.
71-009897
Stainken, D. M.
71-011419
Staley, M. J.
71-012820
Stall, J.
71-010385
Stalling, D. L.
71-010955
71-011420
71-011616
Stalnaker, C. B.
71-002308
71-003263
71-003264
71-004551
71-007930
71-008644
71-012081
71-012995
71-013496
Stalter, R.
71-013141
Standora, E. A.
71-006715
Stankevich, L. N.
71-004282
Stanley, C. A.
71-006128
71-006525
71-007631
Stanley, J. G.
71-000139
71-000515
71-000975
71-002901
71-004108
71-004109
71-004110
71-004521
71-004804
71-004805
71-004806
71-005095
71-006526
71-008215
71-011748
Stansby, M. E.
71-010437
...CONTINUED...
Stansby, M. E.
71-011749
71-011750
71-013313
Stanton, G. E.
71-010438
71-011952
71-012073
Stanton, M.
71-011160
Staples, D. J.
71-004111
Starck, W. A. II
71-008808
Stark, R. J.
71-005064
Starnes, L. B.
71-008216
71-008809
71-008810
71-010439
Starnes, W. C.
71-005839
71-005840
71-008216
71-008809
71-008810
Starostka, V.
71-012433
Stascheit, M.
71-005391
Stasenkov, V. A.
71-008424
Stasiak, R. H.
71-001984
71-005506
71-005841
71-007255
71-008217
Stasko-Concannon, S.
71-003341
Stasko, A. B.
71-005392
71-006527
71-006716
71-012366
Statcham, C. N.
71-011421
States, J. B.
71-011751
Statham, C. N.
71-010824
71-011422
71-011423
Statova, M. P.
71-000516
Staude, C. P.
71-007698
Stauffer, J. R.
71-001275
71-002431
71-007818
71-010114
71-010288
71-012806
Stauffer, J. R., Jr.
71-001494
71-001496
71-001616
71-004807
71-004808
71-005060
71-005061
71-005062
71-005219
71-005220
71-005559
71-006717
71-007256
71-007819
71-007820
71-007895
71-007912
71-007924
71-007925
71-008036
71-008067
71-008218
71-008545
71-010440
71-010441
71-010442
71-012573
Stauffer, T. M.
71-005393
71-006129
71-006528
71-006561
71-007257
71-008425
71-011424
71-011425
71-012471
Staveland, J. T.
71-010159
Stearns, S. C.
71-006529
71-008426
Steele, B. D.
71-001985
71-007088
Steele, J.
71-013414
Steele, J. A.
71-011426
Steele, R. G.
71-005394
Steen, J. B.
71-009183

Steffel, S.
71-005395
Steffens, W.
71-000901
Steffensen, E.
71-007632
Steffner, N. G.
71-006767
Stegeman, J. J.
71-004112
71-011427
Stegenga, J.
71-004266
Stehmann, M.
71-008651
71-008684
71-008811
71-008812
Stehr, C. M.
71-001986
Stein, A. A.
71-009369
Stein, D. L.
71-007937
71-008033
71-008219
71-008220
71-008813
71-008814
Stein, H.
71-000140
Stein, R. A.
71-006942
71-007034
71-007258
71-007259
71-007260
71-007261
Stein, R. A., Jr.
71-007262
Steinbach, D. W.
71-000517
71-007633
Steinberg, R.
71-007911
Steine, T. A.
71-000242
71-000244
Steinitz, H.
71-008221
Steitz, C. E.
71-012512
Stelter, D.
71-009216
Stender, B. W.
71-007374
71-008265
71-008266
71-008267
71-008743
Stenseth, N. C.
71-007502
Stenson, J. A. E.
71-007263
Stepanova, V. D.
71-000165
Stephan, C. E.
71-010052
71-010815
Stephens, D. W.
71-001366
Stephens, J. A.
71-010148
Stephens, J. S.
71-004993
Stephens, J. S., Jr.
71-006724
71-008764
Stephens, K.
71-012653
71-012665
Stephens, R. R.
71-001954
Stephenson, A. B.
71-008637
71-009936
Stephenson, G. A.
71-011052
71-011428
Stepien, C. A.
71-002562
Stern, D. H.
71-011429
Stern, M. S.
71-011429
Sternberg, D.
71-005745
Sternik, K.-H.
71-004113
Stetler, R. L.
71-000504
71-005936
Stetson, M. H.
71-002847
71-002848
71-002849
71-002850
Stevens, A.
71-004124
Stevens, D. E.
71-006091
71-006130
71-012082
71-013142
Stevens, D. G.
71-009522
71-009831

...CONTINUED...
Stevens, D. G.
71-009832
71-009834
71-009835
71-010625
71-010692
71-011430
Stevens, E. D.
71-002587
71-003020
71-003302
71-004114
71-004115
71-004116
71-005396
Stevens, F. B., Jr.
71-001524
Stevens, J. D.
71-003163
71-006718
71-007634
Stevens, J. K.
71-005397
Stevens, R. E.
71-000282
71-000294
71-000577
71-011752
Stevenson, D. K.
71-013314
Stevenson, F.
71-013093
Stevenson, J. C.
71-000040
Stevenson, J. P.
71-012304
Stevenson, M. M.
71-004809
71-008222
Stevenson, S. V.
71-004117
71-004118
Stevenson, T. J.
71-004119
Stewart, A. J.
71-001341
71-006962
Stewart, D. D.
71-005842
Stewart, D. J.
71-007523
71-007701
71-008223
Stewart, J. D.
71-008862
Stewart, J. E.
71-010443
Stewart, J. K.
71-004120
Stewart, P. A. M.
71-012611
Stewart, R. E., Jr.
71-013478
Stewart, R. J.
71-011333
Steyskal, G. C.
71-008815
Stich, H. F.
71-009747
71-009870
71-009937
71-010003
71-010764
Stickney, R. R.
71-000518
71-000519
71-000520
71-000723
71-000815
71-000902
71-000949
71-000950
71-004121
71-007264
71-007265
71-009683
71-011272
71-011431
71-012083
71-012612
71-012646
Stieber, S. F.
71-002498
71-004122
Stiefel, R. C.
71-010444
71-010445
Stillwell, C. E.
71-005843
Stimers, J. R.
71-005144
Stine, P. A.
71-001039
Stira, R. J.
71-013415
Stirewalt, H. L.
71-011948
71-012007
Stirling, A.
71-011331
Stiven, A. E.
71-003274
71-005686
71-007266
Stober, Q. J.
71-012084
Stockner, J. G.
71-000265

...CONTINUED...
Stockner, J. G.
71-001093
71-001307
71-001367
71-010446
71-012053
71-012664
71-012665
71-012666
Stoehr, T.
71-013128
Stoff, J. S.
71-004123
71-004124
Stokes, B. E.
71-000992
Stokes, G. N.
71-010052
Stokes, R. L.
71-012217
Stokes, R. M.
71-010656
71-011015
Stolbov, A. Ya.
71-004125
71-004126
Stolgitis, J. A.
71-013063
Stolte, H.
71-004127
Stone, E. T.
71-000203
71-000996
Stone, L. J.
71-002235
71-011277
Stone, M.
71-011753
Stone, M. D.
71-012218
Stone, R. A.
71-011511
Stone, R. B.
71-012045
71-012085
71-012086
Stone, R. C.
71-013112
Stoneburner, D. L.
71-001276
Stoneking, M.
71-004707
71-004708
Stoner, A. W.
71-007267
Stookey, J. L.
71-009302
Stooksbury, S.
71-006719
Storch, T. A.
71-012879
Storck, T. W.
71-006131
71-006720
Storey, K. B.
71-003003
71-003006
71-003007
71-004128
Storm, G. L.
71-011822
Storozhuk, A. Ya.
71-004129
Storr, J. F.
71-006721
Stoss, J.
71-000266
Stott, B.
71-004870
71-005398
71-007635
71-011465
71-012503
Stott, W. T.
71-000903
71-004130
Stout, J. F.
71-005399
Stout, V. F.
71-010447
71-010448
Stowell, F. M.
71-001062
71-012159
Strachan, P. D.
71-002209
Strachan, W. M. J.
71-010047
71-010048
Straka, W.
71-010676
Stranahan, S. I.
71-011296
Strand, J. A.
71-004131
71-011432
Strand, M. R.
71-004623
71-004625
Strand, R. H.
71-010198
Strand, S. W.
71-005400
Straney, D. O.
71-004532
Strang, W. A.
71-012219
Strange, C. D.
71-006013

Strange, E. S.
71-012613
71-012614
Strange, J. R.
71-004132
71-011433
Strange, R.
71-000003
Strange, R. C.
71-003647
Strange, R. J.
71-000041
71-000042
71-004133
71-004134
71-004135
71-004136
71-004137
71-011434
71-012057
Strasdine, G. A.
71-008443
71-009031
Straskraba, M.
71-012807
Strauss, R. E.
71-007268
Strawn, K.
71-000465
71-000467
71-000568
71-000596
71-000627
71-010082
Strebkova, T.
71-008224
Strecker, E. L.
71-003813
Strecker, R. G.
71-011934
Stred, K. A.
71-012319
Street, D. R.
71-000141
71-000142
Streit, R. A.
71-013031
Stribley, M. F.
71-003106
Strickler, J. R.
71-006873
71-012750
Strizhnikova, L. N.
71-006774
Stroband, H. W. J.
71-001987
Stroganov, N. S.
71-010725
71-013080
Strogonov, A. A.
71-012808
Stromberg, P. C.
71-009938
Stromme, T.
71-001529
Strommen, C. A.
71-004138
71-004810
Stroud, R. H.
71-011745
71-011754
Stroud, R. K.
71-009834
Strout, R. G.
71-009190
71-009192
71-009207
Struhsaker, J. W.
71-000654
71-011003
71-011004
71-011435
Struhsaker, P.
71-007636
Stuart, D. G.
71-012903
Stuart, J. D.
71-013499
Stuart, R. E.
71-003617
Stuart, S. A.
71-012903
Stuart, T. J.
71-010449
Stuckey, H. M.
71-009067
71-009069
71-009070
71-009071
71-009404
Studenetskiy, S. A.
71-013271
Stuenkel, E. L.
71-004139
71-004140
Stuht, J.
71-009208
Stuiber, D. A.
71-007492
Stultz, R. E.
71-000135
71-000143
Stumpf, W. E.
71-003242
Stunkard, H. W.
71-009939
Stuntz, W. E.
71-005401

[illegible], J. A.
[illegible]
[illegible]
Sturm, M. G. de L.
71-005845
Styron, [illegible] T., Jr.
71-003499
Subba Rao, R.
71-004811
Subero, L.
71-008726
Sublette, J. M.
71-007269
Subrahmanyam, C. B.
71-004141
Subramanian, A.
71-004142
Suderman, M. T.
71-009613
Sudershan, P.
71-011436
Sudhakara Rao, G.
71-008087
71-013315
Suffern, J. S.
71-000521
Sugai, N.
71-003613
Sugatt, R. H.
71-011437
71-011438
71-011439
Sugawara, Y.
71-003668
Sugimoto, Y.
71-000522
71-001988
71-004143
Sugita, H.
71-003931
71-004144
Sugiwaka, K.
71-006018
71-006438
71-007637
Sugiyama, G. H.
71-003401
Sugiyama, M.
71-001177
Sugiyama, T.
71-009163
71-011198
Sukhanov, V. V.
71-007638
Sukhanova, G. I.
71-006530
Sukhawongs, S.
71-000795
Sukhomlinov, B. F.
71-004145
Sukhoparova, A. D.
71-006180
Sukumaran, K. K.
71-006449
Sukumaran, N.
71-003332
Sulak, K. J.
71-008120
Sullivan, B.
71-008664
Sullivan, C. R.
71-011799
71-011815
Sullivan, J. F.
71-007270
71-011440
71-011441
Sullivan, J. R.
71-009032
71-009940
71-009941
Sullivan, K. J.
71-007639
Sumida, B. Y.
71-001989
Sumiya, N.
71-012640
Summerfelt, R. C.
71-006132
71-006619
71-006652
71-006865
71-007457
71-008427
71-009350
71-009351
71-011933
71-011934
71-011935
71-012453
71-012780
71-013039
Summers, G. L.
71-012220
Summers, P. B., Jr.
71-011716
Sumner, J. L.
71-000920
71-004146
Sumpter, J. P.
71-004147
71-004148
71-004149
71-004150
71-006531
Sun, Y.-P.
71-011547
Sunada, J. S.
71-006133

...CONTINUED...
Sunada, J. S.
71-012135
Sundararaj, B. I.
71-000523
71-000524
71-003631
71-004234
71-004281
Sunder, S.
71-006134
Sunkin, A. L.
71-003725
Suns, K.
71-010450
Suparno, T.
71-007082
Supeene, K. J.
71-010562
Suppes, V. C.
71-009882
71-009942
Suraswadi, P.
71-013113
Surial', A. I.
71-003436
Suriano, D. M.
71-009506
71-009507
71-009943
Suszkowski, D. J.
71-001342
Sutcliffe, W. H., Jr.
71-001121
71-007229
71-008428
71-012774
Suter, P. J.
71-001277
Sutherland, A. J.
71-012988
Sutherland, B. G.
71-012686
Sutherland, D. F.
71-012221
71-012222
Sutherland, D. R.
71-009033
Sutherland, I.
71-004979
Sutinen, J. G.
71-012777
Sutterlin, A. M.
71-000267
71-004116
71-004812
71-005281
71-005402
71-006532
Suttkus, R. D.
71-008503
71-008800
Sutton, D. L.
71-007302
71-008215
Sutton, R. J.
71-008225
Suvorova, L. G.
71-001990
Suvorova, T. F.
71-004813
Suyama, M.
71-002987
71-004151
71-004152
71-004155
71-004156
Suzuki, A.
71-004817
71-004818
71-011442
Suzuki, K.
71-000295
71-002988
71-003576
71-004153
71-005816
71-005846
71-006533
71-006534
71-012367
Suzuki, M.
71-004445
71-012540
Suzuki, N.
71-005403
Suzuki, R.
71-004154
71-004654
71-004814
71-005404
Suzuki, T.
71-003191
71-004151
71-004155
71-004156
71-004157
71-007640
Suzuki, Y.
71-004158
71-004159
Suzumoto, B. K.
71-009209
Svanberg, O.
71-011443
Svardson, G.
71-004604
71-008429
71-008430

...CONTINUED...
Svardson, G.
71-008817
Svatora, M.
71-008400
Svensson, K. M.
71-001040
Svetlov, M. F.
71-008226
71-008227
Svetovidov, A. N.
71-011755
Svirski, A. M.
71-005164
Svirskiy, A. M.
71-006687
Svobodova, Z.
71-011444
Svodoba, A.
71-008131
Swaidner, J. E.
71-008228
Swan, G. A.
71-012615
71-012694
Swaner, L. S.
71-012275
Swank, S. E.
71-004815
Swanson, C. D.
71-005604
71-006838
Swanson, G. A.
71-001278
71-001279
Swanson, R. D.
71-007641
Swanson, R. N.
71-009463
Swarts, F. A.
71-011445
Swartz, R. C.
71-001280
Swarup, K.
71-001982
Swears, S. B.
71-007180
Swedberg, D. V.
71-007225
Sweeney, R.
71-012087
Sweeney, W. D.
71-011756
Sweeting, R. A.
71-009944
71-009945
Sweetman, D. A.
71-012961
Swenson, W. A.
71-007271
71-008431
71-008432
71-008433
Swick, A.
71-001170
Swiecicki, D. P.
71-008068
Swiecicki, F. A.
71-008068
Swierzowska, L.
71-012904
Swift, C.
71-008229
Swift, D.
71-012061
Swift, D. J.
71-011446
Swinney, G. N.
71-012496
Swiss, J. J.
71-001281
Sydenham, D. H. J.
71-008818
Sydenham, H.
71-008051
Sykora, J. L.
71-011388
Sylvester, J. R.
71-004160
71-009946
71-011035
Symmons, S.
71-001991
Symons, P. E. K.
71-004161
71-005405
71-005406
71-005407
71-006135
71-008230
71-012106
Symula, J.
71-013348
Sytina, L. A.
71-003645
71-004162
71-007184
Syuzyumova, L. M.
71-009607
Szabo, M. F.
71-012088
Szabo, T.
71-002934
71-003536
71-004163
Szamier, R. B.
71-004164
71-004195

Szekielda, K.-H.
71-001342
Szeto, S. Y.
71-010559
Szlep, R.
71-005122
Szollosi, D.
71-001992
Szpacenko, A.
71-002504
Sztramko, L.
71-006535
Szumiec, J.
71-000525
Szyjka, S. P.
71-011422
Tabachek, J. L.
71-000954
71-013349
Taber, C. A.
71-005608
Taber, R. E.
71-012616
Tabery, M. A.
71-008231
Tabeta, O.
71-008232
Tabita, O.
71-008232
71-008233
Tabor, P. S.
71-001342
Tachibana, M.
71-001538
Tack, P. I.
71-003417
71-005476
71-013491
Tackett, D. L.
71-000364
71-000377
71-000377
71-001205
Taft, E. P. III
71-012707
Tagatz, M. E.
71-011447
71-011448
Tait, J. S.
71-005028
Taitz, H.
71-010581
Takada, K.
71-004165
Takagi, H.
71-002155
Takagi, M.
71-011154
71-011155
Takagi, N.
71-000608
71-000608
Takagi, T.
71-000838
71-002938
71-002939
71-002940
71-002941
71-002942
71-002943
71-002944
71-003719
71-003720
Takahashi, A.
71-003218
Takahashi, E.-I.
71-004838
Takahashi, H.
71-000522
71-000538
71-000539
71-001988
71-004143
71-004166
71-004167
71-004246
71-004247
71-004465
Takahashi, K.
71-003721
71-004168
71-004169
71-004170
71-009466
71-012640
Takahashi, M.
71-011449
Takahashi, R.
71-011544
Takahashi, S.
71-009164
Takahashi, T.
71-004816
71-005408
71-006409
71-006665
71-007079
71-008234
Takahashi, Y.
71-003650
Takai, A.
71-004738
71-004739
Takaku, T.
71-011449
Takamura, K.
71-005409
Takanashi, A.
71-000655

...CONTINUED...
Takanashi, A.
71-000655
Takano, K.
71-001655
71-003648
71-003649
71-004171
71-004172
71-004465
Takase, Y.
71-008970
Takashima, F.
71-000835
71-000835
71-001993
Takashima, Y.
71-004171
71-004172
Takata, K.
71-005615
Takayama, S.
71-009710
Takeda, H.
71-000830
71-000834
Takeda, M.
71-004016
71-010464
71-011450
Takeda, N.
71-002924
71-004451
Takeda, T.
71-003127
71-004173
Takei, Y.
71-004174
Takemura, A.
71-005410
Takeuchi, I. K.
71-001994
71-004656
Takeuchi, L.
71-000834
71-000904
71-000933
Takeuchi, T.
71-000904
71-000905
71-000906
71-000907
71-000908
71-000909
71-000910
71-000911
71-000912
71-000913
71-000914
71-000915
71-000916
71-004352
Takeuchi, Y.
71-000522
Taki, Y.
71-004817
71-004818
71-004838
Takiguchi, A.
71-004316
71-004317
Takita, T.
71-001995
71-005410
71-005410
Takuguchi, A.
71-004315
Tal, S.
71-000144
71-000526
71-000527
Talbot, F. H.
71-006095
71-008235
Talbot, J. W.
71-008236
Talbot, L. M.
71-013316
Talent, L. G.
71-007272
Talhelm, D. R.
71-012851
Talikina, M. G.
71-004175
Talkington, F. D.
71-009200
Talling, J. F.
71-002478
Tallman, C.
71-009947
71-009947
Tallman, C. J.
71-009948
Tallman, R. F.
71-002788
Talmage, S. S.
71-010451
Talmi, Y.
71-010920
Talwar, P. K.
71-008819
71-008820
71-008821
Tam, K. H.
71-011451
Tamaoki, B.
71-002992
Tamas, G.
71-000528

...CONTINUED...
Tamas, G.
71-009303
Tamrazova, N. I.
71-000085
Tamura T.
71-002902
Tamura, E.
71-001996
Tamura, O.
71-003574
71-009466
Tamura, S. O.
71-004176
Tamura, T.
71-000656
71-000656
71-002089
71-002090
71-002823
71-002902
71-005032
71-006931
71-006932
Tan-Tue, V.
71-004177
Tan, C. K.
71-001997
71-002066
Tan, E. S. P.
71-000529
71-004178
Tan, K.-H.
71-012089
Tan, S. M.
71-008200
Tanabe, S.
71-010452
Tanaka, H.
71-010452
Tanaka, J.
71-000657
71-000657
Tanaka, K.
71-009466
Tanaka, M.
71-012546
Tanaka, O.
71-000604
Tanaka, S.
71-006041
71-006722
71-006722
71-007642
Tanaka, Y.
71-000813
71-003016
71-003506
71-006534
Tanasiychuk, V. S.
71-005847
Tandler, A.
71-004179
71-004180
Tandon, R. S.
71-003180
71-004181
71-004182
71-009370
71-009371
Tandy, M.
71-010170
Tang, F.
71-004183
Tanida, K.
71-012617
71-012618
Taniguchi, N.
71-004184
71-004819
71-004820
71-004821
Taniguchi, T.
71-012518
Taphorn, D. C.
71-005848
71-008493
71-008823
Tapiador, D. D.
71-011757
Tarasova, S. G.
71-000495
Tarby, M. J.
71-007273
Tareen, I. U.
71-009949
Targett, T. E.
71-004185
71-004186
71-005849
71-007274
Tarplee, W. H., Jr.
71-006136
71-006136
71-012619
Tarr, R. J. Q.
71-004187
Tarter, D.
71-005583
Tarter, D. C.
71-006429
71-007443
71-009816
Taruski, A. G.
71-008243
Tarver, J.
71-007683
Tash, J. C.
71-005214
71-006980

...CONTINUED...
Tash, J. C.
71-008410
71-008410
71-012582
71-013395
71-013408
Tashima, K.
71-004820
Tashiro, J. E.
71-013317
Tasto, R. N.
71-001998
Tat'yankin, Yu. V.
71-005411
Tate, L. G.
71-010873
Tate, M. E.
71-002454
Tate, P. S.
71-010651
Tatham, T. R.
71-008068
Tatsukawa, R.
71-010452
Tatum, B.
71-007450
Tatum, R.
71-012276
Tatum, W. M.
71-000268
71-000658
71-000659
71-006394
Taube, C. M.
71-006536
Taubert, B. D.
71-001999
71-001999
71-005850
71-006537
71-007643
71-008822
Tautz, A. F.
71-006538
71-012074
Tave, D.
71-004822
Tave, D. L.
71-004823
Tavolga, W. N.
71-004188
71-004189
Tay, K.-L.
71-004190
71-004191
Tayamen, M. M.
71-004192
Taylor, A. H.
71-012223
71-012223
Taylor, D. J.
71-004193
Taylor, E. A.
71-007275
71-010199
Taylor, E. W.
71-002363
71-002364
71-002365
71-002366
71-004019
Taylor, J. D.
71-001774
71-001842
71-002115
71-003669
71-003670
Taylor, J. L.
71-011452
Taylor, J. N.
71-006539
Taylor, M.
71-012791
Taylor, M. H.
71-002582
71-003379
71-003380
71-006540
71-006541
71-006542
71-006543
71-010752
71-011041
Taylor, M. K.
71-001368
Taylor, P. W.
71-004194
71-009372
71-009950
71-009950
Taylor, R.
71-009319
Taylor, R. G.
71-006740
Taylor, R. H.
71-010514
Taylor, R. L.
71-009373
Taylor, S.
71-009813
Taylor, S. G.
71-000157
71-008434
71-009238
Taylor, T. L.
71-008237
71-008238

...CONTINUED...
Taylor, T. L.
71-008238
Taylor, W. W.
71-001094
71-007276
71-007277
71-010453
Tchen, T. T.
71-001774
71-001842
71-003669
71-003670
Tchobanoglous, G.
71-000350
71-010709
Teal, J. M.
71-007305
71-010454
Tebbit, G. L.
71-008936
71-009090
Teed, J. C.
71-001290
Teeny, F. M.
71-010172
71-010173
71-010174
71-010174
Teer, J. G.
71-011818
Teerling, J.
71-008210
Teeter, J. H.
71-004195
Teguh, S. A.
71-007278
Teleki, G.
71-007838
Teleki, G. C.
71-006535
71-012090
Teller, S.
71-008239
Temple, N. J.
71-004196
Temple, R.
71-011758
Templeman, W.
71-006137
71-006544
71-006723
71-009951
Templer, O. W.
71-012829
Templeton, R. G.
71-006712
Teng, S. K.
71-000576
Teng, S.-K.
71-000576
71-000660
71-000660
71-000661
71-000661
71-000917
71-000917
Tennant, D. L.
71-012989
Tennant, D. S.
71-011255
Tenney, R. D.
71-010088
Terami, H.
71-005412
Terao, T.
71-000838
71-003720
71-004197
Teraoka, K.
71-010338
Terekhin, A. T.
71-001396
Tereshchenko, M. I.
71-000490
Tereshenkov, I. I.
71-000495
Terho, K.
71-010274
Terkatin-Shimony, A.
71-004198
71-004199
71-004475
Terlou, M.
71-002000
71-002632
71-003790
71-004200
71-004201
Termen, L. S.
71-005149
Terpin, K. M.
71-004202
71-004203
Terqui, M.
71-002736
Terranova, P. F.
71-004099
Terrell, C.
71-011897
71-011898
Terrell, J. W.
71-000043
71-006608
71-007279
Terrell, T. L. T.
71-000044
Terrell, T. T.
71-012990

...CONTINUED...
Terrell, L. T.
71-012990
71-012990
71-013143
71-013143
Terrier, M.
71-003769
Terry, C. B.
71-006724
Terwilliger, R. C.
71-002779
Tesar, F. J.
71-012639
Tesch, F.-W.
71-008240
71-008240
Tesone, M.
71-004204
Tesoriero, J. V.
71-002001
Teunissen, A. G.
71-009013
Tew, R. W.
71-001052
Teyssier, M.
71-004205
Thaete, L. G.
71-003033
Thakur, N. K.
71-001493
71-004206
71-006545
71-007644
Thatcher, T.
71-010017
Thatcher, T. O.
71-004207
71-011453
Thatcher, V. E.
71-009952
Thavaraj, S.
71-010425
Thayer, G. W.
71-001282
71-007280
Theberge, N. B.
71-013136
Theilacker, G. H.
71-004208
71-004208
Theiling, D. L.
71-007645
Theimann, V.
71-003459
Theis, G. L.
71-001041
71-001042
71-001043
71-001044
Theis, M. K.
71-012991
Theisen, B.
71-002002
71-004209
Theriot, R. F.
71-000045
Therriault, J. C.
71-001129
Thevenin, S.
71-011549
Thia-Eng, C.
71-000918
71-000918
Thibault, M.
71-007147
Thirumurthi, D.
71-012089
Thom, R. H.
71-008241
Thom, R. M.
71-007698
Thomas, A. E.
71-000214
71-000337
71-000530
71-000531
71-000531
71-004210
71-004804
Thomas, D. L.
71-008068
71-008069
Thomas, E.
71-002209
71-002210
Thomas, G.
71-007281
Thomas, G. A.
71-007173
Thomas, G. L.
71-013114
Thomas, J. F.
71-010194
Thomas, J. L.
71-010455
Thomas, J. M.
71-010456
Thomas, L. C.
71-010707
Thomas, M. L. H.
71-010457
Thomas, M. M.
71-009953
Thomas, P. C.
71-011454
Thomas, R. L.
71-001056
71-001122

...CONTINUED...
Thomas, R. L.
71-001123
71-001152
71-001178
71-001183
Thomas, R. W.
71-001369
Thomas, S. F.
71-002463
Thomaston, W. W.
71-012291
Thomerson, J. E.
71-008242
71-008823
Thommes, M. M.
71-002239
71-004101
71-004101
71-005388
71-006697
71-010458
71-012216
Thommesen, C.
71-004974
Thompson K. W.
71-012467
Thompson, B. A.
71-008222
71-008824
Thompson, B. E.
71-010864
Thompson, C.
71-007102
Thompson, E. O. P.
71-002696
71-002697
71-002698
Thompson, G. E.
71-005851
Thompson, G. W.
71-006602
Thompson, J.
71-002454
71-002455
Thompson, J. D.
71-001207
Thompson, J. L.
71-004023
Thompson, K. W.
71-004671
71-004824
71-004825
71-004826
71-011455
Thompson, M. J.
71-006003
Thompson, P.-A.
71-009034
Thompson, R.
71-005852
Thompson, R. R.
71-012177
Thompson, R. W.
71-012809
Thompson, T. P.
71-011759
Thomson, A. J.
71-004211
71-004212
Thomson, A. W.
71-002717
Thomson, D. A.
71-003878
71-004718
71-005329
71-006546
71-006547
Thomson, I. M.
71-011152
Thomson, K. S.
71-002003
71-005413
71-008243
Thomson, R. T.
71-012145
Thorgaard, G. H.
71-004555
71-004556
71-004696
71-004827
71-004828
71-004829
Thorhaug, A.
71-010459
71-012091
Thorne, G. W.
71-009441
Thorne, R. E.
71-006138
71-013416
71-013417
71-013418
71-013419
Thornton, D. E.
71-007056
Thornton, K. W.
71-004213
Thorp, J. H.
71-007282
Thorpe, A.
71-002423
71-003098
71-003099
71-003100
71-003101
71-003102
71-004064
71-004214
71-007627

Thorpe, J. E.
71-000269
71-000931
71-004830
71-005540
71-005853
71-006725
71-006734
71-007283
71-007322
71-008422
Thorslund, T. W.
71-008352
71-010945
71-010946
71-011123
Thorson, L. C.
71-013441
Thorson, T. B.
71-002004
71-008242
71-008825
71-009531
71-009535
71-009535
71-009798
Thorsson, R.
71-001033
Threlfall, W.
71-008916
71-009034
71-009605
71-009606
Threlkeld, S. T.
71-012435
Thresher, R. E.
71-005414
71-005415
71-005416
71-005417
71-005418
71-007284
71-012368
Thruston, A. D., Jr.
71-011617
Thum, A. B.
71-012565
Thurberg, F. P.
71-010677
71-010734
71-011072
Thurow, F.
71-013318
Thurow, R. F.
71-012992
71-012992
Thurston, E. L.
71-004355
Thurston, R. V.
71-011456
Thuy, L. N.
71-002246
Thuy, L.-N.
71-002245
71-002246
Thuy, L-N.
71-002245
Tiang, M. K.
71-001778
Tibbs, J. F.
71-001064
Tibika, H.
71-002107
Ticknor, W. C., Jr.
71-006287
Tieben, G. A.
71-010489
Tiegs, R.
71-002547
Tiemeier, O. W.
71-000728
71-000791
71-013342
71-013343
Tiews, K.
71-000684
71-000703
71-000789
71-000919
71-007285
Tiffany, W. J. III
71-002005
Tikhomirov, O. B.
71-004215
Till, J. E.
71-011457
71-011458
Tillman, M. F.
71-012810
Tilseth, S.
71-001529
Tilsworth, T.
71-010074
Tilzey, R. D. J.
71-006548
Timbol, A. S.
71-012039
71-012039
71-012047
71-012092
71-012092
71-012567
Timmerman, J. A., Jr.
71-011784
Timmons, T. J.
71-006549
71-007617
71-007646
71-007647

...CONTINUED...
Timmons, T. J.
71-009954
71-012620
71-013115
Timms, A. M.
71-005419
71-005420
Timokhina, A. F.
71-007286
Timonina, L. G.
71-004216
Timoshek, N. G.
71-006550
Timoshina, L. A.
71-000837
Timotius, K. H.
71-000046
Tinsman, J. C.
71-008042
Tippets, W. E.
71-006551
71-007287
Tippett, R.
71-012093
Tippie, V.
71-012094
Tipping, J. M.
71-002486
Tipton, A. R.
71-005457
Tiras, N. R.
71-011165
Tirri, R.
71-004217
Titarev, Ye. F.
71-000532
Titmus, G.
71-007648
Tjokroprawiro, S.
71-007104
Tjurin, A. B.
71-013157
71-013157
Tkachuk, L. P.
71-009955
Tobia, M.
71-011448
Tobias, R. C.
71-009728
Todd, E. S.
71-004218
71-007288
Todd, G. T.
71-004219
Todd, J.
71-000120
Todd, J. H.
71-005293
Todd, P.
71-012905
Toerring, M. J.
71-004220
71-004221
Toetz, D.
71-011933
Toetz, D. W.
71-012095
71-012096
71-012097
Toews, D.
71-010586
Toews, D. P.
71-011066
Toews, D. R.
71-012906
Toi, J.
71-005404
Toivonen, J.
71-006139
71-006139
71-006726
Tokunaga, T.
71-004222
Tokuya, K.
71-008826
Tokyo University of Fisherie
71-010460
Toledo F., S. A.
71-004831
Tomanovich, L. V.
71-007114
Tomasso, J. R.
71-004223
71-004224
71-011273
71-011459
71-011460
71-011461
71-011462
Tomasso, J. R., Jr.
71-011463
Tomb, A. M.
71-004344
71-004345
Tomczak, G. H.
71-013319
Tomczak, G. H., , Ed.
71-013319
Tomiyama, T.
71-000920
Tomizawa, C.
71-010967
Tomkiewicz, S. M., Jr.
71-010461
Tomlinson, J. W. C.
71-011816
71-011816
Tomljanovich, D. A.
71-012681

- Tompkins, C.
  - 71-001468
- Tompkins, J. A.
  - 71-011464
- Tondeur, F.
  - 71-004225
- Toneys, M.
  - 71-012296
  - 71-012296
- Toneys, M. L.
  - 71-004226
  - 71-008435
- Tong, L. J.
  - 71-008244
  - 71-012369
- Tonn, W. M.
  - 71-008436
- Tonosaki, H.
  - 71-009243
- Tooby, T. E.
  - 71-011053
  - 71-011465
- Tooker, C. P.
  - 71-005421
- Toor, H. S.
  - 71-003195
  - 71-003196
  - 71-003197
  - 71-003207
  - 71-004227
  - 71-010970
- Topping, G.
  - 71-011331
- Torchy, C.
  - 71-009411
  - 71-009413
- Torgersen, T.
  - 71-001140
- Torke, B. G.
  - 71-001303
- Tormosova, I. D.
  - 71-000662
  - 71-000662
  - 71-006169
- Toro, E.
  - 71-011160
- Torres, D.
  - 71-009576
- Torres, J. J.
  - 71-004228
- Tortonese, E.
  - 71-008827
- Toshima, N.
  - 71-000951
- Tot, V. S.
  - 71-006352
- Tota, B.
  - 71-002183
  - 71-002790
  - 71-002814
- Totlan, G. K.
  - 71-004229
- Totland, G. K.
  - 71-001691
  - 71-003315
  - 71-004230
- Touart, L. W.
  - 71-002006
- Toulmond, A.
  - 71-002553
- Tourenq, J. N.
  - 71-008245
- Towle, D. W.
  - 71-003460
- Towler, C. M.
  - 71-004387
- Townsend, B. E.
  - 71-001170
- Townsend, C. R.
  - 71-001283
- Townsend, J. E.
  - 71-011760
- Townsend, P. R.
  - 71-003037
- Towt, A. K.
  - 71-006674
- Toyoshima, M.
  - 71-007690
- Tracey, D.
  - 71-009036
- Tracor Jitco, Inc.
  - 71-011466
- Tramer, E. J.
  - 71-010529
- Travelstead, J. G.
  - 71-008017
- Travill, A. A.
  - 71-001908
  - 71-001909
  - 71-001910
- Traxler, G. S.
  - 71-009148
  - 71-009148
  - 71-009417
- Traynor, J. J.
  - 71-013420
  - 71-013421
- Treacy, D. H.
  - 71-001299
- Treacy, T.
  - 71-003835
- Treasurer, J. W.
  - 71-007649
  - 71-007649
- Treece, G. D.
  - 71-006179
- Trefethen, J. B.
  - 71-011675
- Trelease, F. J.
  - 71-013497
- Tremblay, D.
  - 71-007289
- Trenkler, I. V.
  - 71-002189
- Trent, L.
  - 71-008140
  - 71-012098
  - 71-012579
  - 71-012595
  - 71-012621
- Tres-Dick, J.
  - 71-000800
- Treseler, P. A.
  - 71-011491
- Treshchev, A. I.
  - 71-013320
- Treshchuk, L. I.
  - 71-001990
- Trewavas, E.
  - 71-008828
- Tricas, T. C.
  - 71-006552
  - 71-007290
- Trier, J. S.
  - 71-002007
- Trilles, J.-P.
  - 71-009898
  - 71-009899
  - 71-009900
- Trimble, W. C.
  - 71-000658
  - 71-000658
  - 71-000659
  - 71-006394
- Tringali, C.
  - 71-010016
- Tripathi, Y. R.
  - 71-000145
  - 71-000145
- Triplett, J. R.
  - 71-013116
- Trivedi, R. C.
  - 71-011467
- Trivedi, Y.
  - 71-005422
- Trnkova, J.
  - 71-011468
- Trofimova, L. N.
  - 71-000892
- Troitskiy, S. K.
  - 71-006553
  - 71-012993
- Trojnar, J. R.
  - 71-011469
  - 71-011470
- Troost, D. G.
  - 71-008829
- Troshicheva, N. V.
  - 71-006826
  - 71-007291
- Trott, J. N.
  - 71-004427
- Trotter, Y.
  - 71-002215
- Trout, G. C.
  - 71-013422
- Truchot, J. P.
  - 71-002553
- Trudeau, H. R.
  - 71-012224
- Truesdale, F. M.
  - 71-001558
  - 71-006699
- Trujillo, H.
  - 71-006727
- Trump, B. F.
  - 71-004231
  - 71-010990
- Trump, C. L.
  - 71-005423
- Trunov, I. A.
  - 71-002008
  - 71-005854
  - 71-008830
  - 71-008831
  - 71-008832
- Truscott, B.
  - 71-004232
  - 71-004233
  - 71-004234
- Trusov, V. Z.
  - 71-004235
- Trust, T. J.
  - 71-004236
  - 71-004237
- Tryapitsyna, L. N.
  - 71-001836
  - 71-005946
- Tsai, C.
  - 71-010790
  - 71-010791
  - 71-011464
  - 71-011471
  - 71-011472
  - 71-012789
- Tsai, C.-F.
  - 71-001540
  - 71-011473
- Tsai, S.-C.
  - 71-000533
  - 71-000533
  - 71-011474
- Tsang, P.
  - 71-002999
- Tseng, W. Y.
  - 71-000663
- Tsepelovan, P. G.
  - 71-002189
- Tsepkin, Ye. A.
  - 71-006554
  - 71-008246
- Tseytlin, V. B.
  - 71-007292
  - 71-007293
- Tsimenidis, N.
  - 71-007020
  - 71-007650
  - 71-007651
  - 71-008107
- Tsin, A. T. C.
  - 71-004238
- Tsokur, A. G.
  - 71-002009
- Tsoy, R. M.
  - 71-004677
  - 71-004768
- Tsuchiya, K.
  - 71-003116
- Tsuchiya, T.
  - 71-003682
- Tsuji, S.
  - 71-001670
  - 71-003258
- Tsukamoto, K.
  - 71-002903
  - 71-006728
  - 71-006729
- Tsukuda, H.
  - 71-004239
- Tsumagari, M.
  - 71-005120
- Tsuneki, K.
  - 71-004240
- Tsunikova, E. P.
  - 71-005855
- Tsunikova, Ye. P.
  - 71-006553
- Tsunoda, S.
  - 71-002155
- Tsur, O.
  - 71-000630
- Tsur, T.
  - 71-012650
- Tsurnamal, M.
  - 71-005122
- Tsuruta, Y.
  - 71-006730
- Tsutsui, H.
  - 71-011757
  - 71-011757
- Tsuyuki, H.
  - 71-004537
  - 71-004612
  - 71-004832
  - 71-008443
- Tsvetkov, V. I.
  - 71-005424
- Tsyplakov, E. P.
  - 71-005856
  - 71-013117
- Tu, A. T.
  - 71-003841
- Tubb, R. A.
  - 71-006951
  - 71-011475
  - 71-011818
  - 71-012044
- Tuberville, J. D.
  - 71-001284
  - 71-006731
- Tubiash, H. S.
  - 71-010124
- Tucker, C. S.
  - 71-000323
  - 71-000534
  - 71-000534
  - 71-000983
  - 71-011476
  - 71-011477
  - 71-011478
  - 71-011478
- Tucker, J. W., Jr.
  - 71-001783
  - 71-008247
  - 71-008247
- Tucker, L.
  - 71-000535
  - 71-001134
  - 71-005827
- Tucker, R. W.
  - 71-001050
- Tucker, T.
  - 71-009437
- Tucker, W. A.
  - 71-001124
- Tugarina, P. Ya.
  - 71-003922
  - 71-007294
- Tuhkunen, A.
  - 71-006726
- Tuinstra, L. G. M. Th.
  - 71-004640
- Tung, T. C.
  - 71-004241
  - 71-004242
- Tunink, D. H.
  - 71-005366
- Turdakov, F. A.
  - 71-005474
- Turner, A. S.
  - 71-007956
  - 71-012394
- Turner, B. J.
  - 71-002010

...CONTINUED...

- Turner, B. J.
  - 71-004833
  - 71-004834
  - 71-008823
  - 71-008833
- Turner, C. J.
  - 71-000536
- Turner, J. L.
  - 71-000537
  - 71-006140
  - 71-006555
  - 71-012907
- Turner, M. A.
  - 71-001170
- Turner, P. R.
  - 71-007652
- Turner, R. J.
  - 71-004655
- Turner, S. C.
  - 71-005593
- Turner, W. A.
  - 71-003670
- Turner, W. A., Jr.
  - 71-002115
- Turnier, J. C.
  - 71-009518
- Turuk, T. N.
  - 71-006732
- Tusa, J. E.
  - 71-010777
- Tuunainen, P.
  - 71-005857
  - 71-006556
- Tweddle, D.
  - 71-000537
  - 71-005882
  - 71-007653
- Twedt, T. M.
  - 71-012622
- Twilley, C. E.
  - 71-011940
- Twongo, T. K.
  - 71-000921
  - 71-000922
  - 71-007077
  - 71-007295
- Tyagi, A. K.
  - 71-011495
  - 71-011497
- Tyagi, A. P.
  - 71-011332
- Tyan'kin, V. V.
  - 71-002438
- Tyler, A. V.
  - 71-004243
  - 71-005982
  - 71-006557
  - 71-008348
- Tyler, H. R., Jr.
  - 71-007296
- Tyler, J. C.
  - 71-006123
  - 71-008788
  - 71-008834
- Tyler, J. D.
  - 71-008248
- Tyler, R. W.
  - 71-012084
  - 71-012623
- Tyo, R. M.
  - 71-010947
- Tytler, P.
  - 71-003839
  - 71-004244
  - 71-006733
  - 71-006734
- Tyunyakov, V. M.
  - 71-002011
- Tzvetkov, V. I.
  - 71-005425
- U.S. Department of Commerce
  - 71-011855
- U.S. Environmental Protection Agency
  - 71-001343
  - 71-010462
  - 71-011479
  - 71-011479
  - 71-011480
  - 71-011481
  - 71-011482
  - 71-011483
  - 71-012099
  - 71-013465
  - 71-013466
  - 71-013498
- U.S. Fish and Wildlife Service
  - 71-000146
  - 71-008249
  - 71-012100
  - 71-013118
  - 71-013119
- Uchida, R. N.
  - 71-013321
  - 71-013322
- Uchiyama, H.
  - 71-004245
- Uchiyama, J. H.
  - 71-007636
- Uda, M.
  - 71-010463
- Ude, J.
  - 71-009392
- Udey, L. R.
  - 71-009147
  - 71-009210
  - 71-009211
  - 71-009212
- Udupa, K. S.
  - 71-012811

Ueck, M.
71-002012
Ueda, H.
71-000538
71-000538
71-000539
71-000539
71-002013
71-002014
71-004246
71-004247
71-004247
71-004248
Ueda, K.
71-001639
71-001640
71-002078
71-002079
71-002080
71-002081
71-003186
71-003948
71-010508
Ueda, T.
71-004158
71-004159
71-004835
71-010464
71-011450
Uehara, S.
71-005228
Ueki, N.
71-009163
Uematsu, K.
71-004249
71-004250
Uematsu, T.
71-011154
71-011155
Ueno, K.
71-004836
71-004837
Ueno, M.
71-006665
71-007079
Ueyanagi, S.
71-001891
Ugajin, M.
71-004251
Uhazy, L. S.
71-009879
71-009880
71-009880
71-009956
71-009957
71-009958
71-009959
71-009960
71-009960
Uhleman, E. W.
71-011921
Uhler, R. S.
71-012812
Uieda, V. S.
71-005360
Uland, B.
71-000308
Ulanowicz, N. I.
71-004722
Ulanowicz, R. E.
71-001125
71-008437
71-012699
Ullrey, D. E.
71-000151
71-004503
71-004504
71-011559
Ulltang, O.
71-006141
Ulltange, O.
71-012813
Ulrich, G.
71-013323
Ultsch, G. R.
71-004252
71-004253
71-011484
71-011484
71-011485
Ulvestad, D. A.
71-005426
Umeda, K.
71-012441
71-012441
Umeda, S.
71-003671
Umehara, S.
71-004254
Umekita, S.
71-003687
Umminger, B. L.
71-002860
71-003751
71-003752
71-003814
71-003844
71-003845
71-003919
Underhill, A. H.
71-011792
Undershill, J. C.
71-007692
Underwood, H. T.
71-009612
71-009613
Unesco
71-001095

...CONTINUED...
Unesco
71-001096
Ungar, F.
71-004255
Ungell, A.-L.
71-004256
University of Wisconsin Sea Grant College Program
71-000540
Unkenholz, D. G.
71-012468
Unninayer, C. S.
71-010237
Unsicker, K.
71-004257
Uotani, I.
71-007297
Upadhyay, S. N.
71-004258
Urano, A.
71-002487
71-002488
Urchinov, D.
71-005464
Urich, K.
71-011174
Urquhart, D. L.
71-000923
Urquhart, G. G.
71-006307
Urrea, F., Jr.
71-012277
Ursin, E.
71-007298
71-013150
Urushido, T.
71-004818
71-004838
Urzua P., R.
71-007299
Usmanova, R. G.
71-005858
Ustyugov, A. F.
71-007997
71-008835
71-008835
Usynin, V. F.
71-005859
Utah Division of Wildlife Resources
71-013467
Uthe, J. F.
71-010318
71-010811
71-010812
Utida, S.
71-002148
Utoh, H.
71-007884
Utter, F.
71-004839
Utter, F. M.
71-004632
71-004633
Uttormark, P. D.
71-001097
Uviovo, E. J.
71-011486
Uwate, K .R.
71-008837
Uwate, K. R.
71-008836
71-008837
Uyeno, T.
71-001694
Uziel, M. S.
71-012708
Vaag, A. B.
71-006199
Vaas, K. F.
71-004302
Vaccaro, A. M.
71-004259
Vahl, O.
71-000819
71-002517
Vail, K. F.
71-005427
Val-Sella, M. V.
71-002015
71-004260
71-004260
Valdmanis, I.
71-010221
Valenti, R. J.
71-000541
71-000664
Valentine, D. W.
71-009961
Valfre, F.
71-000924
Valiela, I.
71-007305
Vallee, J. A.
71-007845
Vallentyne, J. R.
71-001098
Valtonen, E. T.
71-009962
71-009963
Valtonen, J. O. T.
71-004261
Valtonen, T.
71-007504
71-009963
71-009963
Van Aardt, W. J.
71-003060
Van Arsdall, T. C., Jr.
71-011876

Van Banning, P.
71-009964
Van Beneden, R.
71-003727
Van Bohemen, Ch. G.
71-003347
71-004262
van Bohemen, Ch. G.
71-004262
Van Couvering, J. A. H.
71-008250
Van den Avyle, M. J.
71-006163
71-012667
71-013066
Van Den Avyle, M. J.
71-006735
71-013066
Van den Avyle, M. J.
71-007654
Van Den Avyle, M. J.
71-005695
Van den Avyle, M. J.
71-005695
71-006735
71-012667
Van den Berg, C. M. G.
71-011487
Van den Broek, W. L. F.
71-009965
71-009967
van den Broek, W. L. F.
71-009965
Van den Broek, W. L. F.
71-005860
71-007300
71-009966
Van den Hurk, R.
71-004266
Van Den Hurk, R.
71-004264
Van den Hurk, R.
71-003348
71-004263
71-004264
71-004265
71-004267
Van den Thillart, G.
71-004268
71-004269
71-004270
Van der Elst, R. P.
71-008838
Van der Gaag, M. A.
71-003791
Van der Heiden, J. T.
71-005733
Van der Horst, G.
71-002016
71-002017
71-006558
Van der Leeden, F.
71-010465
Van der Meij, J. C. A.
71-004379
71-004380
Van der Schalie, W. H.
71-010466
71-010487
71-010674
71-010840
Van der Steen, J.
71-004931
Van der Westhuizen, H. C.
71-007301
Van Dolah, R. F.
71-012101
Van Dort, J. B.
71-003148
Van Driel, A. E.
71-000809
Van Duzer, J. P.
71-008729
Van Dyke, J. M.
71-007302
Van Dyke, L. P.
71-010467
Van Dyke, S.
71-011536
Van Esch, G. J.
71-010680
Van Eys, G. J. J. M.
71-002018
71-004271
Van Guelpen, L.
71-006736
71-008839
Van Hasselt, M. J. F. M.
71-002019
71-002022
van Hasselt, M. J. F. M.
71-002019
71-002020
71-002021
Van Hasselt, M. J. F. M.
71-002020
71-002021
Van Hees, J. P.
71-003900
Van Horn, S.
71-000003
Van Horn, S. L.
71-010104
71-010599
van Kemenade, J. A. M.
71-004272
Van Loon, J. C.
71-010468

Van Meter, H. D.
71-006745
71-007807
71-011346
Van Muiswinkel, W. B.
71-009013
Van Noorden, S.
71-001673
71-003266
71-003357
Van Oijen, M. J. P.
71-008472
Van Oordt, P. G. W. J.
71-001876
71-002831
71-003348
71-003790
71-004200
71-004266
Van Oosterom, R.
71-009013
van Overbeeke, A. P.
71-003521
Van Utrecht, W. L.
71-002023
van Veen, Th.
71-004273
71-004274
Van Velson, R.
71-013120
Van Velson, R. C.
71-011761
71-011761
Van Vleet, E. S.
71-010469
Van Voorhies, W. V.
71-004275
Van Vuren, J. H. H.
71-002742
Van Vuren, J. H. J.
71-000960
71-002742
71-004276
71-004277
71-004277
71-004278
71-004279
Van Waarde, A.
71-004268
71-004270
Van Well, P.
71-005529
71-007420
Van Winkle, W.
71-006142
71-012746
71-012814
Van Woert, W. F.
71-006143
VanCura, M.
71-001751
Vande Castle, J. R.
71-011090
71-011090
VanDenAvyle, M. J.
71-007654
Vander Wall, J.
71-010470
Vandergriff, V. E.
71-000493
Vandermeulen, J. H.
71-010152
71-010230
71-010471
71-011110
71-011488
Vanderwork, V. L.
71-009201
Vandesande, F.
71-002833
Vanicek, C. D.
71-005467
71-008438
VanMeter, H. D.
71-011346
Vannote, R. L.
71-001099
Vannucchi, C.
71-010055
Vansant, L. L.
71-002357
Vanselous, T. M.
71-013423
Vanstone, W. E.
71-000225
71-000225
71-002807
71-002808
71-003448
71-003448
Varanasi, U.
71-011489
71-011490
71-011491
Varela, G.
71-000725
71-000726
71-000879
71-000879
Vareschi, E.
71-006737
Vargas Ortiz, M.
71-000422
71-000422
Varghese, T. J.
71-007655
Vari, R. P.
71-008840

...CONTINUED...
Vari, R. P.
71-008841
71-008842
71-008843
Varland, K. L.
71-011879
Varley, J. D.
71-001344
71-005861
71-007303
71-007342
71-011762
Varley, R. L.
71-000147
71-000147
Varma, A. K.
71-004280
71-004840
Varraes, W.
71-002024
Vasal, S.
71-000523
71-004281
Vasil'kov, V. P.
71-007656
Vasil'yev, V. P.
71-004788
71-004841
71-004842
Vasil'yeva, Ye. D.
71-002025
71-008850
Vasil'yeva, Ye. V.
71-002189
Vasilevskaya, N. E.
71-004282
Vasilyeva, E. D.
71-002026
71-002027
Vaske, J. J.
71-012167
Vass, K. K.
71-000980
Vass, W. P.
71-010180
Vaughan, D. S.
71-012815
71-012816
Vaughan, F. A.
71-007304
Vaughan, G. E.
71-009464
71-009968
Vaughan, G. L.
71-010472
Vaughan, T.
71-005800
Vaynberg, Yu. P.
71-004283
Vaynyunskaya, G. S.
71-003537
Vechkanov, V. S.
71-004284
Veenhuis, M.
71-004383
Veith, G. D.
71-010171
71-010248
71-010473
71-010474
71-010745
71-011412
71-011591
Veith, W. J.
71-004285
Velarde, R.
71-012469
Vellet, A. D.
71-002295
Velsen, F. P. J.
71-002132
71-013431
Venables, B. J.
71-004286
71-004287
71-005428
Venkataraman, G.
71-008251
71-013324
Venkataramani, V. K.
71-008867
Venkataramanujam, K.
71-008252
Venkatesh, B.
71-000925
Vent, R. J.
71-013357
71-013424
Verbitskaya, V. F.
71-003602
Verdon, R.
71-006144
71-007657
Verduzco-Martinez, J.
71-008529
Verghese, P. U.
71-004288
Verhoeven, L. A.
71-011856
Verigin, B. V.
71-002028
71-002028
71-004703
71-004843
71-004843
71-006559
Verigina, I. A.
71-002029

...CONTINUED...
Verigina, I. A.
71-002030
71-002031
71-002032
71-002033
71-002034
71-002035
71-002036
71-002037
Verma, S. R.
71-010584
71-010585
71-011492
71-011493
71-011494
71-011495
71-011496
71-011497
Vermeer, K.
71-010475
Vermeij, J. A. J.
71-004265
71-004266
Verneaux, J.
71-006145
71-006878
71-008253
Verrue, K. M.
71-010798
Vertinsky, I. B.
71-011671
Vesel'skiy, S. P.
71-000490
Veshchev, P. V.
71-006560
Vestal, R.
71-006347
Vestergard-Jorgensen, P. E.
71-009035
Vetkasov, S. A.
71-005587
71-005588
71-005588
71-005589
Vetter, R. J.
71-010228
Viancour, T. A.
71-004289
71-004290
Vickers, K. U.
71-006683
Vidakovic-Bival, V.
71-003488
Vidal, I. L.
71-010476
Videler, J. J.
71-005429
Vigers, G. A.
71-011498
Vigg, S.
71-006738
71-006739
Vigg, S. C.
71-004291
Vigliani, E.
71-008942
71-009289
71-009289
71-009290
71-009647
Vigna, S. R.
71-004292
Vijayaraghavan, P.
71-002038
Viktorovskii, R. M.
71-004844
Vila P., I.
71-012470
Vilenskaya, N. I.
71-006178
Viljanen, M.
71-003740
Villa, J.
71-004650
71-008844
Villa, T. G.
71-000773
Villani, P.
71-000665
71-007602
Villanueva, J
71-004517
Villwock, W.
71-004776
Vilstrup, R.
71-000424
Vinberg, G. G.
71-006146
Vince, S.
71-007305
Vincent, D.
71-012994
71-012994
Vincent, E. R.
71-012278
71-012278
Vinci, G. K.
71-007658
Vinikour, W. S.
71-008254
71-009969
71-010477
Vinnikov, Ya. A.
71-004293
Vinogradov, G. A.
71-003233
Vinogradov, V. I.
71-007306

Vinyard, G.
71-007307
Vinyard, G. L.
71-005430
71-007154
71-007308
71-007309
Viola, S.
71-000926
71-000926
71-000927
71-000927
71-000928
71-000929
Virnstein, R. W.
71-007310
71-007311
71-007312
Visaisouk, S.
71-003665
Vishnudatta, M. N.
71-008085
Vislie, T.
71-004294
71-004295
Vismans, M. M.
71-000390
Vissia, R. J.
71-011817
Vitousek, P. M.
71-010478
Vittor, B. A.
71-012102
Vitvitskii, V. N.
71-004298
Vitvitskiy, V. N.
71-004296
71-004297
71-004298
Vivekanandan, E.
71-003729
71-004299
71-004300
71-004301
71-007313
Vladimirov, M. Z.
71-004845
Vladimirov, V. I.
71-008439
Vladykov, V. D.
71-008845
71-008846
71-008846
71-008847
71-008848
71-008849
Vlasblom, A. G.
71-004302
Vlinov, V. V.
71-012817
Vodicnik, M. J.
71-002540
71-002540
71-002541
71-002541
71-002542
71-002544
71-002545
71-002549
71-002558
71-002558
71-003835
71-004303
71-004303
71-004304
71-004304
71-004305
Vodovskaya, V. V.
71-008255
71-008255
Vogel, W. O. P.
71-002039
Vogele, L. E.
71-005862
Vogelman, J. H.
71-003469
Volkov, I. V.
71-004306
Volkova, L. A.
71-005431
Volobuyev, V. V.
71-002040
71-005863
71-008768
71-008850
Volodin, V. M.
71-003262
71-004307
71-004308
Volohonsky, H.
71-001126
Volokhonskiy, A. G.
71-000495
71-000495
Volpe, N. O.
71-002126
Volskis, R.
71-001727
Volund, A.
71-011499
Von Ende, C. n.
71-007314
Von Geldern, C. E.
71-013450
Von Geldern, C. E., Jr.
71-007403
71-007404
Von Geldern, C., Jr.
71-007315

Von Limbach, B.
71-001010
71-007520
Von Lukowicz, M.
71-000542
von Lukowicz, M.
71-000542
Von Westerhagen, H.
71-007316
Von Westernhagen, H.
71-007316
71-010479
71-011500
Vondruska, J.
71-000148
Vooren, C. M.
71-005864
71-007659
71-009036
Voorhees, J. T.
71-009970
Vornanen, M.
71-004217
Vorobieva, N. K.
71-000149
Vosburgh, F.
71-005433
Voshell, J. R., Jr.
71-001285
Voss, E. W., Jr.
71-004309
71-004310
71-004311
Vostradovska, M.
71-007317
Vostradovsky, J.
71-007539
71-011444
71-013083
71-013083
71-013121
71-013121
Votinov, N. P.
71-006147
71-008440
71-008440
71-011724
Vovk, P. S.
71-013122
Voyer, R. A.
71-011501
Vreeland, R. R.
71-012473
Vriens, A. M. A. J. N.
71-004312
Vrijenhoek, R. C.
71-004846
71-004847
71-009971
Vrochinskiy, K. K.
71-011502
Vrooman, A. M.
71-008851
Vuchs, R.
71-002546
Vyse, E. R.
71-004699
Vyshegorodtsev, A. A.
71-004848
71-005865
Vyshegorodtsev, V. A.
71-008441
Wabuke-Bunoti, M. A. N.
71-004313
71-009972
Wachtler, K.
71-004314
Wada, S.
71-004315
71-004316
71-004317
Waddell, I. F.
71-008986
71-010000
Waddle, H. R.
71-005432
Wade, C.
71-010344
Wagaman, D.
71-012034
Waggoner, J. P. III
71-011503
Wagner, D. J.
71-005446
Wagner, D. S.
71-006148
Wagner, H. H.
71-012458
Wagner, H.-J.
71-002041
71-005304
Wagner, P. J.
71-006598
Wagner, W. C.
71-004318
71-006561
71-007257
71-012471
Wahl, E.
71-009623
Wahle, R. J.
71-012472
71-012473
71-012474
Wahlqvist, I.
71-004319
71-004320
Wainwright, S. A.
71-005433

...CONTINUED...
Wainwright, S. A.
  71-005433
Waite, A. J.
  71-005655
Waiwood, K. G.
  71-004321
  71-007586
  71-011504
  71-011505
  71-011506
Wakabayashi, H.
  71-009117
Wakabayashi, K.
  71-002990
Wakamatsu, Y.
  71-004322
Wake, K.
  71-002012
  71-002012
Wakeman, J. M.
  71-004323
  71-004324
  71-004324
  71-004325
  71-004414
  71-006179
  71-007660
Wakita, M.
  71-002042
Waknitz, F. W.
  71-000808
Walbridge, C. T.
  71-010577
  71-011099
Walburg, C. H.
  71-006059
  71-013123
  71-013124
Walden, C. C.
  71-011130
Walden, R. E.
  71-013263
Waldichuk, M.
  71-010480
Wales, J. H.
  71-002962
  71-009973
  71-010632
  71-010632
Walesby, N. J.
  71-003170
  71-004326
Walford, L. A.
  71-007975
  71-013469
Walker, A. F.
  71-000207
Walker, C. R.
  71-010481
Walker, D.
  71-011952
Walker, E. A.
  71-011553
Walker, F. L.
  71-000543
Walker, H.
  71-011763
Walker, J. A.
  71-005802
Walker, J. D.
  71-010091
Walker, M. G.
  71-001938
  71-002043
  71-004327
Walker, M. H.
  71-007318
  71-008256
  71-012225
  71-012225
  71-012370
Walker, P. T.
  71-000330
Walker, R.
  71-009296
  71-009465
Walker, R. E.
  71-005866
Walker, R. L.
  71-004328
Walker, R. M.
  71-004329
  71-004330
Walker, S. R.
  71-008257
  71-008258
Walker, W. H.
  71-007319
Walkey, M.
  71-008923
  71-009597
  71-009804
Walkotten, W. J.
  71-012312
  71-012312
Wall, J. P.
  71-001097
Wallace, C. R.
  71-007486
  71-007486
Wallace, D.
  71-011507
Wallace, D. A.
  71-008312
Wallace, D. C.
  71-007212
  71-007320
  71-009626
Wallace, D. H.
  71-013144
Wallace, D. N.
  71-011764
  71-011764
  71-012709
Wallace, J. B.
  71-011949
Wallace, J. H.
  71-008838
Wallace, R. A.
  71-004331
  71-004332
Wallace, R. K.
  71-004444
Wallace, R. K., Jr.
  71-004333
  71-009974
Wallace, R. L.
  71-004767
  71-008041
  71-008259
Wallace, R. R.
  71-001187
Wallach, S. J.
  71-004888
Waller, B. J.
  71-010507
Walley G. C. B.
  71-007985
Wallus, R.
  71-006314
Walsh, D. F.
  71-011508
Walsh, G. E.
  71-010580
Walsh, J. J.
  71-001345
  71-006562
Waltemyer, D. L.
  71-000544
Walter, G. G.
  71-012818
Walters, C. J.
  71-012757
  71-012765
  71-012819
  71-012820
Walters, G. R.
  71-009213
Walters, L. L.
  71-007321
Walton, A.
  71-010268
Walton, D. G.
  71-010482
Walton, J. M.
  71-012103
  71-013425
Walton, M. J.
  71-000712
  71-000712
  71-004334
  71-004335
Waluga, D.
  71-000956
Walzer, C.
  71-004336
  71-004337
Wang, J. C. S.
  71-005809
  71-008260
Wang, R. T.
  71-011509
Wani, A. R.
  71-000889
Wankowski, J. W. J.
  71-000930
  71-000930
  71-000931
  71-000931
  71-007322
  71-007323
Wannamaker, A. W.
  71-009975
Warburton, K.
  71-006149
  71-007661
Ward, C.
  71-011510
Ward, C. H.
  71-010236
Ward, F. J.
  71-006010
  71-006010
  71-012460
Ward, G. S.
  71-010915
Ward, J. V.
  71-001091
  71-001195
  71-001210
  71-001286
  71-001287
  71-010072
  71-010160
  71-011899
  71-012104
Ward, P. S.
  71-003173
Ward, R. D.
  71-004581
Ward, R. M.
  71-011511
Ward, R. W.
  71-010747
  71-010748
  71-011511
Warden, R. L., Jr.
  71-005867
  71-007324
Warden, Y.
  71-006683
Wardle, C. S.
  71-002205
  71-004338
  71-005288
  71-005429
Ware, D. M.
  71-004339
  71-004340
  71-006563
Ware, F.
  71-000552
  71-000552
Ware, F. J.
  71-000296
  71-006024
  71-006024
  71-008442
  71-008442
Ware, R. R.
  71-007325
Wares, W. D. II
  71-003092
  71-004341
Wargo, A. A.
  71-002044
Waring, G. T.
  71-006053
Warlen, S. M.
  71-010483
  71-011512
  71-011513
  71-011514
Warner, D. J.
  71-007326
Warner, E. D.
  71-002361
Warner, J. A.
  71-004342
Warner, K.
  71-011765
  71-011766
  71-011766
  71-011767
  71-012279
  71-013043
  71-013043
Warner, M. C.
  71-002063
  71-004343
  71-004344
  71-004345
  71-009304
  71-011268
Warner, R.
  71-007073
Warnick, D. C.
  71-012305
  71-012305
Warren, C. E.
  71-011025
Warren, J. P.
  71-012226
Warren, L.
  71-004346
Warren, M. L.
  71-009976
Warren, M. L., Jr.
  71-004347
Warrick, J. W.
  71-007942
Wasenius, V.-M.
  71-010870
Washington, B. B.
  71-008756
Washington, P.
  71-011768
Washington, P. M.
  71-008261
Wassenberg, P. S.
  71-012995
Wasserman, G. S.
  71-004348
Wassersug, R. J.
  71-002045
Watabe, N.
  71-001517
  71-002076
  71-003583
  71-003710
  71-004373
  71-004374
  71-004375
  71-004377
Watabe, S.
  71-002923
Watanabe, K.
  71-004349
Watanabe, M.
  71-005412
Watanabe, N.
  71-010484
Watanabe, S.
  71-004350
Watanabe, T.
  71-000741
  71-000769
  71-000784
  71-000785
  71-000786
  71-000834
  71-000905
  71-000906
  71-000907
  71-000907
...CONTINUED...
Watanabe, T.
  71-000908
  71-000909
  71-000910
  71-000911
  71-000912
  71-000913
  71-000913
  71-000914
  71-000914
  71-000915
  71-000915
  71-000916
  71-000932
  71-000932
  71-000933
  71-000934
  71-000935
  71-000935
  71-000936
  71-000937
  71-000937
  71-000938
  71-000938
  71-004351
  71-004352
  71-009466
Watanabe, W.
  71-002390
Watanabe, W. O.
  71-000418
  71-003330
Watanabe, Y.
  71-001759
Water Research Centre
  71-010485
Waterman, J. J.
  71-005868
  71-013468
  71-013468
Waters, T. F.
  71-001288
  71-011997
Waterworth, G. D.
  71-002046
Wathne, F.
  71-012624
Watkins, J.
  71-010689
  71-011515
Watkins, W. B.
  71-002551
Watling, L.
  71-001289
Watson, A.
  71-008852
Watson, A. D.
  71-002049
Watson, A. H. D.
  71-002047
  71-002048
  71-002049
  71-004353
Watson, C. E.
  71-007846
Watson, D.
  71-004354
Watson, D. E.
  71-008825
Watson, J.
  71-001100
Watson, J. F.
  71-011769
Watson, J. W., Jr.
  71-012628
Watson, M.
  71-004355
  71-011582
Watson, N. H. F.
  71-001056
  71-001346
Watson, R. A.
  71-009037
Watson, T. A.
  71-011516
  71-011517
  71-011518
Watt, W. D.
  71-006150
Wattendorf, R. J.
  71-007327
Watters, K. W.
  71-000974
Watts, D. A.
  71-003879
Waugh, G. D.
  71-011285
Wawronowicz, L. J.
  71-000297
Waxman, H. M.
  71-005434
  71-005434
Waxman, S. G.
  71-004356
Waybrant, R. C.
  71-010858
Weatherby, C.
  71-004849
Weatherley, A. H.
  71-000939
  71-005540
  71-007662
  71-008262
Weaver, J. E.
  71-007328
  71-013251
Weaver, J. W.
  71-004357

Weaver, R. O.
71-005869
Webb, B. F.
71-005883
71-007663
Webb, C. J.
71-004358
71-008853
Webb, D. H.
71-008201
Webb, J. C.
71-012734
71-012734
Webb, J. F.
71-007664
Webb, J. T.
71-004359
Webb, P. W.
71-002050
71-004360
71-005435
71-005436
71-005437
71-005438
71-005439
71-005440
71-005441
71-011377
Webb, W.
71-010033
Weber, C. I.
71-013426
Weber, D. D.
71-009977
Weber, D. T.
71-012448
Weber, J. J.
71-007665
Weber, J. M.
71-009214
Weber, K.
71-010154
Weber, L. J.
71-002813
71-004061
71-007348
71-011243
71-011244
Weber, R. E.
71-002628
71-003159
71-003439
71-003850
71-004361
71-004362
71-004363
71-004364
71-004365
Weber, S.
71-001179
Weber, W.
71-006151
71-006151
Webster, D. A.
71-006338
71-006564
71-012402
Webster, G. F.
71-009637
Webster, J. R.
71-011949
Wedekind, H. P.
71-002051
71-002052
Wedemeyer, G. A.
71-000270
71-000271
71-004442
71-004443
71-009038
71-009215
71-009467
71-010987
71-011519
71-011520
Weed, W. H. III
71-008243
Weeks, R.
71-006582
Wefring, D. R.
71-001290
Wegener, W.
71-012105
71-013125
Weglenska, T.
71-012908
Wegner, N. T.
71-002053
Wegnez, M.
71-002565
71-004366
Wehnert, S. D.
71-009374
Wehr, L. W.
71-000427
Weihs, D.
71-004367
71-004880
71-005442
71-007329
Weil, C.
71-002736
71-004368
Weiland, D. J.
71-005213
71-007106
Weinberg, S. R.
71-004369
Weinberger, P.
71-010312
Weininger, D.
71-007523
Weinstein, M. P.
71-004850
71-004851
71-008855
71-009978
71-012625
71-012821
71-013145
Weinstein, R. S.
71-013137
Weinsten, M. P.
71-008854
Weintraub, M. J.
71-004370
Weir, D. N.
71-007330
Weis, F.
71-011522
Weis, J. S.
71-011521
71-011522
71-011522
71-011523
71-011524
71-011525
71-011526
Weis, P.
71-011521
71-011523
71-011524
71-011525
71-011526
Weisbart, M.
71-004371
71-004372
Weisel, G. F.
71-002054
71-002055
Weiss, C. S.
71-005443
Weiss, D. M.
71-012626
Weiss, G. M.
71-010598
Weiss, R. E.
71-004373
71-004374
71-004375
71-004376
71-004377
Weithman, A. S.
71-000272
71-012227
71-012227
71-012228
71-012228
71-012229
71-012229
71-012280
71-012475
71-013126
71-013126
Weitkamp, D. E.
71-009979
Weitz, W. E., Jr.
71-002899
Weitzman, S. H.
71-008856
71-008857
71-008858
71-008859
Weitzman, S. W.
71-008860
Welch, H. E.
71-001180
71-001291
71-005444
71-011570
71-012106
Welch, J.
71-011473
Welcomme, R. L.
71-006152
71-011770
71-012996
Weld, C. M.
71-013325
Welhelmsen, S.
71-010159
Welker, J. R.
71-011973
Weller, M. W.
71-011818
Wellings, S. R.
71-008983
71-008984
71-008984
71-009387
71-009800
71-009872
71-009980
Wells, A.
71-005836
71-006711
Wells, A. W.
71-005870
71-008263
Wells, J.
71-005547
Wells, L.
71-006153
71-007331
Wells, R.
71-006137
71-006544
Wells, R. M.
71-004378
Welykochatko, T.
71-000545
Wendelaar Bonga, S. E.
71-004379
71-004380
71-004381
71-004382
71-004382
71-004383
Wenner, C. A.
71-005871
71-005872
71-005873
71-006400
71-008264
71-008265
71-008266
71-008267
71-008267
Went, A. E. J.
71-006565
71-007332
71-008268
Wentsel, R. S.
71-010486
Wenzloff, D.
71-010164
71-010165
Wenzloff, D. R.
71-010163
Werder, U.
71-000273
71-000940
71-000940
Werkheiser, E.
71-002056
Werner, A. E.
71-011527
Werner, E. E.
71-005140
71-005445
71-005446
71-006626
71-006962
71-007333
71-007334
Werner, R. G.
71-005447
71-007335
Werns, S.
71-002057
Werschkul, D. F.
71-007336
Wesche, T.
71-012997
71-012997
Wesche, T. A.
71-006472
71-008406
West Virginia Division of Wildlife Resources
71-011771
West, G.
71-012407
West, J. L.
71-006566
71-010836
Westby, G. W. M.
71-004384
71-004385
71-005448
71-005449
71-005450
Westerman, A. G.
71-011528
Westermann, J. E. M.
71-001400
71-002190
71-002191
Westernhagen, H. v.
71-010479
Westers, H.
71-000274
Westfall, T. C.
71-003261
Westgard, T.
71-001529
Westgate, J. W.
71-000941
Westin, D. T.
71-005874
71-005875
Westlake, G. F.
71-010069
71-010487
71-010674
Westman, J. R.
71-010592
Westman, K.
71-004077
71-004078
Westrheim, S. J.
71-005977
71-007666
71-012627
Westrin, S. K.
71-001665
Whalen, P.
71-012741
Whaley, R. A.
71-004386
71-012599
Wharton, J. C. F.
71-012476
Wharton, J. H.
71-003375
Wheeler, A.
71-004852
71-004853
71-004854
71-008269
71-008270
71-008271
Wheeler, G. L.
71-010488
Whillans, T. H.
71-012909
Whipple, J. A.
71-010776
Whisler, F. D.
71-000486
Whitaker, D. R.
71-013350
Whitaker, J. O., Jr.
71-007337
71-009981
71-010489
White, A.
71-004387
71-004387
White, A. M.
71-004720
71-006172
71-008272
White, A. W.
71-011529
White, B.
71-012416
White, B. A.
71-004388
White, C. E., Jr.
71-013040
White, D. S.
71-001913
71-002058
71-005876
71-007338
71-012107
White, E.
71-001181
White, E. I.
71-008273
White, G. E.
71-009982
White, I. L.
71-013499
White, J. L.
71-004389
White, J. R.
71-012682
71-012682
71-012683
White, J. W.
71-010490
White, L. E.
71-012371
White, L. E.
71-012477
White, M. L.
71-005877
White, P. G.
71-009803
White, R. G.
71-008861
White, R. J.
71-004969
White, R. L.
71-006427
White, R. W. G.
71-010491
White, S.
71-011530
White, T. R.
71-012108
71-012109
Whitear, M.
71-001705
71-001788
71-001789
Whitehead, C.
71-000206
71-004390
71-004391
71-004392
Whiteside, B. G.
71-005820
71-005820
71-005985
71-006491
71-006491
71-007218
71-007526
71-007583
71-013392
Whitfield, A. K.
71-004393
71-006790
71-007339
71-007340
71-007341
Whitfield, P. J.
71-009487
71-009808
71-009808
Whitfield, R. E.
71-012710
Whiting, S. J.
71-004394
Whitledge, T. E.
71-006562
Whitmore, C. M.
71-010655
Whitmore, D. H.
71-005063
Whitmore, D. H., Jr.
71-002446

...CONTINUED...
Whitmore, D. H., Jr
71-003009
71-004855
71-011531
Whitmore, R.
71-010243
Whitney, A. N.
71-012281
Whitney, R. R.
71-008285
71-011240
Whitt, G. S.
71-004564
71-004565
71-004566
71-004605
71-004606
71-004607
71-004608
71-004609
71-004749
71-004750
71-004785
71-004856
71-004857
Whittaker, F. H.
71-009838
71-009983
Whittingham, D. G.
71-001045
71-001045
Whittle, D. M.
71-010810
Whittle, D. W.
71-011532
Whittle, K. J.
71-010282
Whitworth, W. R.
71-005821
71-013427
Whorton, D. A.
71-005975
71-005975
Whyte, J. N. C.
71-013326
Whyte, S. A.
71-005878
Wick, E. J.
71-007777
Wick, W. O.
71-011713
Wickelgren, W. O.
71-003497
71-003498
71-004395
71-004396
71-004396
Wickham, D. A.
71-012628
Wickizer, W. A.
71-000050
71-000105
71-000298
71-000412
Wiebe, J. P.
71-004372
Wiegand, M. D.
71-004397
71-004398
71-004399
71-004400
Wiekhorst, W. B.
71-010863
Wieland, G. E. III
71-001191
71-001191
Wiener, J. G.
71-010492
71-011533
Wieniawski, J.
71-000399
Wiens, A. P.
71-001261
71-011292
Wieser, W.
71-003849
Wigfall, M.
71-012478
Wiggs, A. J.
71-004394
Wigham, T.
71-003724
71-004401
71-004402
Wigley, R. L.
71-001294
Wigmore, R. H.
71-011642
Wijeyaratne, M. J. S.
71-006851
71-006852
Wilbur, D. J.
71-010683
71-010684
Wilbur, R. L.
71-000546
71-012910
71-012910
Wilcox, D. B.
71-008274
Wilde, D. W.
71-003018
71-003712
Wilder, M. J.
71-010218
Wildish, D. J.
71-001292
71-001293

...CONTINUED...
Wildish, D. J.
71-010493
71-011534
Wilen, B. O.
71-001182
Wilen, J. E.
71-012282
71-013279
71-013279
Wiles, D. R.
71-010741
Wiles, M.
71-009039
Wiley, E. O.
71-008862
71-008865
Wiley, E. O. III
71-008863
71-008864
Wiley, J. W.
71-005879
Wiley, P. H.
71-004386
Wiley, R.
71-012110
71-012110
71-012111
71-012283
71-012998
Wiley, R. W.
71-006154
71-007342
71-012629
71-013127
Wilhm, J.
71-011926
71-011933
71-011933
Wilimovsky, N. J.
71-008866
71-011671
Wilk, S. J.
71-005880
71-005881
71-006155
71-008275
71-008276
71-008277
Wilken, L. O.
71-000404
71-000404
Wilkens, H.
71-008278
Wilkes, D. J.
71-011037
Wilkes, S. N.
71-009723
Wilkins, N. P.
71-002059
71-004573
Wilkinson, C. E.
71-009984
71-009984
Wilkinson, D. R.
71-006567
Willan, R. C.
71-008279
Willemse, J. J.
71-002060
71-002061
Willemsen, J.
71-005540
71-006156
Willford, W. A.
71-011022
Williams, A. B.
71-001294
Williams, A. D.
71-009985
71-009986
Williams, A. H.
71-005451
71-005451
71-005452
71-007343
Williams, A. M.
71-000293
71-000293
Williams, B. S.
71-009703
Williams, C.
71-006479
Williams, D.
71-007946
Williams, D. C.
71-010494
Williams, D. D.
71-000275
71-001295
71-001296
71-009987
71-009987
71-009988
71-009988
71-009989
71-009990
71-013428
71-013428
Williams, D. R.
71-004403
Williams, E. H., Jr.
71-009008
71-009991
71-009992
71-009992
71-009993
71-009994

...CONTINUED...
Williams, E. H., Jr.
71-009995
Williams, F.
71-008867
Williams, G. C.
71-004404
Williams, G. E.
71-007157
Williams, H. H.
71-009996
Williams, H. M.
71-008868
Williams, H. P.
71-010367
Williams, I. V.
71-004405
71-008443
71-009216
71-009468
Williams, J. C.
71-008280
71-008928
71-009584
71-009585
71-010266
71-010377
Williams, J. D.
71-002062
71-008869
71-008870
71-008871
Williams, J. D. H.
71-001056
71-001127
71-001139
71-001183
71-001184
Williams, J. E.
71-008872
71-011772
Williams, J. G.
71-002226
71-002227
Williams, L. B.
71-009993
Williams, L. R.
71-001369
Williams, M.
71-008771
Williams, R.
71-009670
71-009670
71-009671
Williams, R. B.
71-001282
Williams, R. H.
71-011061
71-011062
71-011063
71-011063
Williams, R. J.
71-010032
Williams, R. O.
71-006740
Williams, R. R. G.
71-006285
Williams, R. W.
71-002063
71-004343
Williams, S.
71-001238
Williams, S. F.
71-000666
71-000942
71-000942
Williams, T. D.
71-000556
71-000556
71-000557
71-000557
71-001535
71-006179
71-010953
71-010954
Williams, V.
71-012105
71-013125
Williams, W. D.
71-001277
71-008358
Williams, W. P.
71-010491
71-011374
71-011375
71-011376
Williams, W. R.
71-011002
Williamson, J.
71-007344
Williamson, K. J.
71-011873
Williamson, R. B.
71-007776
Willians, T. D.
71-010954
Willis, D. E.
71-010539
71-010542
71-010543
71-010545
Willis, D. W.
71-000943
71-006157
Willis, M. J.
71-012479
Williscroft, S. N.
71-004832

Willoughby, C. E.
71-000825
Willoughby, L. G.
71-009233
71-009239
71-009536
Willoughby, N. G.
71-005453
71-005882
Wills, R. B. H.
71-003037
71-004406
Willson, K.
71-000228
Wilner, J. G.
71-010819
71-010819
Wilsey, S.
71-012026
71-012026
71-012031
71-012031
Wilsmann, L. A.
71-005446
71-007345
Wilson, A. C.
71-004537
Wilson, A. J.
71-010495
Wilson, A. J., Jr.
71-010580
71-010862
71-011341
Wilson, A. R.
71-003343
Wilson, D.
71-010134
Wilson, D. E.
71-008111
71-008281
71-008866
Wilson, D. F.
71-006773
Wilson, D. P.
71-005454
Wilson, J.
71-005270
71-012999
Wilson, J. B.
71-008158
71-008158
Wilson, J. H.
71-007256
71-010287
71-010288
71-011618
71-012692
Wilson, J. L.
71-000469
71-004347
71-005432
71-009119
71-009976
71-011773
Wilson, K. C.
71-010382
Wilson, K. W.
71-010496
71-010610
Wilson, M. L.
71-013499
Wilson, M. V. H.
71-004575
71-008873
71-008874
Wilson, P.
71-010536
Wilson, R. E.
71-012017
71-012018
Wilson, R. P.
71-000744
71-000969
Wilson, W. J.
71-000276
71-013500
Wilson, W. K.
71-010411
71-010411
Windell, J. R.
71-013006
Windell, J. T.
71-000222
71-000690
71-000690
71-000693
71-000693
71-000727
71-000727
71-000754
71-000809
71-000944
71-000944
71-000945
71-000945
71-000946
71-000946
71-003481
71-004407
71-004408
71-012986
71-012991
71-012991
71-013000
Windom, H. L.
71-010148
71-010149

...CONTINUED...

- Windom, H. L.
  - 71-011431
  - 71-012112
- Wine, V. L.
  - 71-013327
- Wing, B. L.
  - 71-008038
- Wingate, P. J.
  - 71-008082
- Winger, P. V.
  - 71-007915
  - 71-007915
- Wingfield, J. C.
  - 71-004409
- Winick, R. D.
  - 71-010721
- Winkler, P.
  - 71-005455
  - 71-008282
- Winn, H. E.
  - 71-005008
  - 71-005337
- Winner, R.
  - 71-011536
- Winner, R. W.
  - 71-010497
  - 71-011535
- Winningham, J. R.
  - 71-004507
  - 71-009541
  - 71-009541
  - 71-009542
  - 71-009542
- Winstanley, R. H.
  - 71-007346
  - 71-008283
  - 71-012630
- Winstead, J. T.
  - 71-004410
  - 71-010715
  - 71-010716
- Winter, F. A.
  - 71-013001
- Winter, G. W.
  - 71-002064
  - 71-009217
- Winter, J. D.
  - 71-006741
  - 71-006742
- Winterbottom, R.
  - 71-008284
  - 71-008620
  - 71-008875
  - 71-008876
  - 71-008877
- Winterbourn, M. J.
  - 71-001128
- Winters, G. H.
  - 71-006158
  - 71-006158
  - 71-006159
  - 71-006743
  - 71-012372
  - 71-012373
  - 71-013328
- Winters, S.
  - 71-008169
- Winters, S. A.
  - 71-008163
- Winterton, G. K.
  - 71-006127
- Winton, J. R.
  - 71-008935
  - 71-008935
- Wirth, T. L.
  - 71-012891
  - 71-012902
- Wirtz, P.
  - 71-004411
  - 71-006568
- Wiseman, E. D.
  - 71-004858
- Wiseman, R. J.
  - 71-010318
- Wishard, S. K.
  - 71-013002
- Wisner, R. L.
  - 71-002065
  - 71-008626
- Wisniewski, R. J.
  - 71-007018
- Wisseman, R. W.
  - 71-010498
- Wissing, T. E.
  - 71-000884
  - 71-006750
  - 71-007030
  - 71-007672
- Wissler, J. H.
  - 71-003535
- Wissmar, R. C.
  - 71-012846
  - 71-012846
- Witcomb, D. M.
  - 71-001479
- Withler, F. C.
  - 71-001046
  - 71-010717
- Witman, D. C.
  - 71-008576
- Witschi, W. A.
  - 71-011537
- Witte-Maas, E. L. M.
  - 71-008472
- Witte, F.
  - 71-008472
- Witten, A. L.
  - 71-011890

...CONTINUED...

- Witten, A. L.
  - 71-011891
- Wittenberg, J. B.
  - 71-004412
- Wittenberger, C.
  - 71-004413
- Wlodek, J. M.
  - 71-011774
- Wlosinski, J. H.
  - 71-012822
- Wobeser, G.
  - 71-009997
- Wohlfarth, G.
  - 71-004652
  - 71-007493
- Wohlfarth, G. W.
  - 71-000547
  - 71-007667
- Wohlgemuth, E.
  - 71-011538
  - 71-012631
  - 71-012632
- Wohlschlag, D. E.
  - 71-004323
  - 71-004323
  - 71-004325
  - 71-004325
  - 71-004414
  - 71-004414
  - 71-006744
  - 71-007660
  - 71-010170
- Woiwode, J. G.
  - 71-004415
- Wojno, T.
  - 71-000715
- Wojtczak, A. B.
  - 71-003955
- Wolburg, H.
  - 71-003455
  - 71-004416
- Wold, D.
  - 71-009375
  - 71-009375
- Wold, J. K.
  - 71-004417
  - 71-004418
- Wolf, D. J.
  - 71-005456
- Wolf, E. G.
  - 71-001360
  - 71-011453
- Wolf, K.
  - 71-009328
  - 71-009376
  - 71-009377
  - 71-009378
  - 71-009385
  - 71-009404
- Wolf, K. E.
  - 71-009469
- Wolf, U.
  - 71-004257
- Wolfe, D. A.
  - 71-011512
  - 71-011514
- Wolfe, D. C.
  - 71-005883
- Wolfe, G. W.
  - 71-004859
  - 71-007668
- Wolfe, J. R., Jr.
  - 71-005457
- Wolfe, N. L.
  - 71-010200
- Wolfert, D. R.
  - 71-006745
  - 71-007347
  - 71-007669
  - 71-007670
  - 71-007671
- Wolke, R. E.
  - 71-009223
  - 71-010796
- Wollcott, W. S.
  - 71-010490
- Woltering, D. M.
  - 71-007348
- Wolters, W. R.
  - 71-002342
  - 71-004419
- Wondrak, P.
  - 71-001617
- Wong, B.
  - 71-000350
- Wong, C. S.
  - 71-010099
- Wong, M. H.
  - 71-010499
  - 71-011552
- Wong, P. T. S.
  - 71-001175
  - 71-004057
  - 71-011487
  - 71-011539
- Wong, T. M.
  - 71-002418
  - 71-002419
  - 71-004420
- Wong, W. C.
  - 71-001997
  - 71-002066
- Wongrat, P.
  - 71-008691
- Woo, G. C. S.
  - 71-004039
- Woo, N. Y. S.
  - 71-002413

...CONTINUED...

- Woo, N. Y. S.
  - 71-002414
  - 71-002415
  - 71-002416
  - 71-002762
  - 71-004421
- Woo, P. T. K.
  - 71-009252
  - 71-009252
  - 71-009253
  - 71-009254
  - 71-009374
  - 71-009379
  - 71-009380
  - 71-009380
- Wood, B. A.
  - 71-008796
- Wood, C. C.
  - 71-006160
  - 71-006160
- Wood, C. M.
  - 71-002374
  - 71-004422
  - 71-004423
  - 71-004424
  - 71-004425
  - 71-004426
  - 71-004427
  - 71-009998
- Wood, D. B.
  - 71-012422
- Wood, E. M.
  - 71-005183
  - 71-008878
- Wood, K. V.
  - 71-005827
- Wood, M. R.
  - 71-004428
- Wood, S. C.
  - 71-004365
- Woodhead, A. D.
  - 71-004429
- Woodland, D. J.
  - 71-008879
  - 71-008880
- Woodrum, J. E.
  - 71-006161
  - 71-007349
  - 71-007349
  - 71-007350
- Woods, D.
  - 71-009602
- Woods, D. E.
  - 71-000153
  - 71-000153
- Woods, P. F.
  - 71-012113
- Woods, R. J.
  - 71-010918
- Woods, S. A.
  - 71-012141
- Woodward-Clyde Consultants
  - 71-012114
- Woodward, A. G.
  - 71-012007
- Woodward, D. F.
  - 71-011540
  - 71-011541
- Woodward, J. J.
  - 71-004430
- Woodward, R. L.
  - 71-007672
- Woolcott, W. S.
  - 71-002067
  - 71-006746
- Woolf, C. J.
  - 71-002295
- Woolland, J. V.
  - 71-007673
- Woollard, P.
  - 71-010500
- Woolven, A. M.
  - 71-001020
  - 71-001020
- Woosley, J. T.
  - 71-004431
- Wootten, R.
  - 71-009282
  - 71-009999
  - 71-010000
  - 71-010001
  - 71-010002
- Wootton, R. J.
  - 71-004432
  - 71-004433
  - 71-004434
  - 71-005458
  - 71-006569
- Workman, D.
  - 71-012115
- Workman, G. W.
  - 71-005832
  - 71-005832
- Wortham, J. W. E., Jr.
  - 71-006428
- Wortham, K. E.
  - 71-010501
  - 71-010502
- Worthmann, H.
  - 71-007674
- Wotton, R. M.
  - 71-002004
- Wourms, J. P.
  - 71-001735
  - 71-001979
  - 71-002068
  - 71-002889
  - 71-006570
- Wrenn, W. B.
  - 71-010503
  - 71-010504
- Wright B. F.
  - 71-002596
- Wright, C. F.
  - 71-000510
  - 71-000965
- Wright, C. W.
  - 71-000548
  - 71-000548
  - 71-002069
- Wright, D. A.
  - 71-011542
- Wright, D. E.
  - 71-001760
  - 71-001761
- Wright, D. G.
  - 71-007963
- Wright, E. L.
  - 71-011002
- Wright, G. M.
  - 71-003832
  - 71-004435
  - 71-004436
  - 71-004437
  - 71-004438
  - 71-004499
- Wright, G. P.
  - 71-011217
- Wright, J. E.
  - 71-004708
  - 71-011287
  - 71-011445
- Wright, J. E., Jr.
  - 71-004707
- Wright, L. D.
  - 71-011543
- Wright, M. I.
  - 71-004439
  - 71-011461
- Wright, R. F.
  - 71-010190
  - 71-010505
- Wrzesinski, O.
  - 71-007351
- Wu, A.
  - 71-010824
- Wu, C. J.
  - 71-011216
- Wu, S. M.
  - 71-004440
- Wunder, W.
  - 71-002070
  - 71-002071
  - 71-002072
  - 71-004441
  - 71-010506
- Wurtsbaugh, W. A.
  - 71-000947
  - 71-000948
  - 71-013429
- Wyatt, E. J.
  - 71-009381
- Wyatt, G. W.
  - 71-013044
- Wyatt, L. E.
  - 71-009218
- Wydoski, J. A.
  - 71-013004
- Wydoski. R. S.
  - 71-004442
  - 71-004443
  - 71-005494
  - 71-005738
  - 71-005738
  - 71-008043
  - 71-008285
  - 71-011775
  - 71-011775
  - 71-012284
  - 71-013003
  - 71-013004
  - 71-013004
- Wyeth, P.
  - 71-012087
- Wylie, V.
  - 71-002604
- Wyllie, M. C.
  - 71-004202
  - 71-004444
- Wyman, R. L.
  - 71-012581
- Wynshaw-Boris, A. J.
  - 71-002719
- Yabe, K.
  - 71-004445
- Yacob, A.
  - 71-002073
- Yadav, A. N.
  - 71-004446
- Yadav, M.
  - 71-004447
- Yagi, M.
  - 71-003125
- Yaguchi, E. M.
  - 71-010507
- Yakavleva, A. N.
  - 71-013080
- Yakovlev, V. N.
  - 71-008444
- Yakovleva, A. S.
  - 71-002074
  - 71-002075
- Yakovleva, I. V.
  - 71-004448
- Yakovleva, K. K.
  - 71-004449

- Yakupzack, P. M.
  - 71-006747
  - 71-012634
- Yamada, J.
  - 71-002076
  - 71-003029
  - 71-004350
  - 71-004461
- Yamada, N.
  - 71-000047
- Yamada, S.
  - 71-012456
  - 71-012457
- Yamada, S. B.
  - 71-010630
  - 71-012374
  - 71-012375
- Yamagami, K.
  - 71-004450
  - 71-004654
- Yamagishi, H.
  - 71-006162
- Yamagishi, T.
  - 71-010310
  - 71-010311
  - 71-011544
- Yamaguchi, K.
  - 71-002077
  - 71-002924
  - 71-004451
  - 71-004452
- Yamaguchi, M.
  - 71-004154
  - 71-005404
- Yamamori, K.
  - 71-002903
  - 71-004249
  - 71-004250
- Yamamoto, K.
  - 71-001047
  - 71-001047
  - 71-004453
  - 71-012633
  - 71-012634
  - 71-013329
  - 71-013329
- Yamamoto, M.
  - 71-002078
  - 71-002079
  - 71-002080
  - 71-002081
  - 71-002082
  - 71-002083
  - 71-004454
- Yamamoto, T.
  - 71-009382
  - 71-009432
  - 71-009470
  - 71-009471
- Yamamoto, Y.
  - 71-000881
  - 71-004455
  - 71-004456
  - 71-004457
  - 71-004458
  - 71-004459
  - 71-011545
  - 71-011546
- Yamanaka, H.
  - 71-003238
  - 71-004460
  - 71-010239
- Yamanaka, S.
  - 71-010508
- Yamane, S.
  - 71-004461
  - 71-004462
- Yamane, T.
  - 71-012635
  - 71-012636
- Yamanoi, H.
  - 71-009164
- Yamaoka, K.
  - 71-005974
- Yamasaki, Y.
  - 71-010332
- Yamashita, M.
  - 71-006654
- Yamashita, S.
  - 71-001671
  - 71-005120
- Yamashita, Y.
  - 71-004463
- Yamauchi, H.
  - 71-003715
  - 71-004464
  - 71-004465
- Yamauchi, K.
  - 71-002906
  - 71-004465
- Yamaucki, K.
  - 71-000522
- Yamazaki, F.
  - 71-000150
  - 71-003686
  - 71-004483
  - 71-004526
  - 71-004527
  - 71-009846
  - 71-010003
  - 71-010004
  - 71-010005
- Yamnaka, H.
  - 71-005884
- Yan, N. D.
  - 71-010115
- Yanagawa, H.
  - 71-004466
- Yanagisawa, T.
  - 71-004467
  - 71-004468
- Yancey, P. H.
  - 71-004470
  - 71-011401
  - 71-011402
- Yancy, P. H.
  - 71-004469
- Yanez, J. L.
  - 71-009576
- Yang, C.-F.
  - 71-011547
- Yang, G.-Y.
  - 71-000828
  - 71-000831
  - 71-000832
- Yano, T.
  - 71-004471
  - 71-004472
  - 71-004473
- Yant, D. R.
  - 71-000549
- Yap, H. H.
  - 71-011548
- Yarbrough, J. D.
  - 71-002411
  - 71-003510
  - 71-003511
  - 71-009157
  - 71-010690
  - 71-011515
- Yardley, D.
  - 71-004860
- Yaremenko, V. V.
  - 71-005885
  - 71-008286
  - 71-008286
- Yaron, Z.
  - 71-004198
  - 71-004199
  - 71-004474
  - 71-004475
  - 71-006571
  - 71-010706
  - 71-010925
- Yarzhombek, A. A.
  - 71-003273
  - 71-003273
  - 71-004476
  - 71-004477
  - 71-004478
- Yasuda, M.
  - 71-003124
  - 71-003125
- Yasuda, S.
  - 71-003571
- Yasui, M.
  - 71-008287
- Yasui, T.
  - 71-002926
- Yasumoto. T.
  - 71-011549
- Yasumoto, T.
  - 71-004479
  - 71-010006
  - 71-010579
  - 71-011549
  - 71-011550
- Yasuno, M.
  - 71-011551
- Yasutake, W. T.
  - 71-009038
  - 71-011519
  - 71-011520
- Yatomi, H.
  - 71-000604
  - 71-000604
  - 71-000667
  - 71-000667
- Yazawa, S.
  - 71-002768
- Yeager, B. E.
  - 71-008288
- Yeager, D. M.
  - 71-006163
  - 71-006163
- Yefimova, N. A.
  - 71-004448
- Yefimova, T. A.
  - 71-000048
  - 71-000048
- Yefremenko, V. N.
  - 71-002084
  - 71-002085
  - 71-002086
  - 71-006572
  - 71-008881
  - 71-008882
- Yegorova, T. V.
  - 71-006573
- Yeh, C. F.
  - 71-006164
  - 71-012637
  - 71-012823
  - 71-013430
- Yeh, G.-T.
  - 71-012823
- Yeh, Y.
  - 71-003718
- Yel'tsova, V. N.
  - 71-007294
  - 71-008445
  - 71-008445
- Yelenc, J. G.
  - 71-004861
- Yellayi, R. R.
  - 71-006165
- Yemel'yanova, N. G.
  - 71-002087
- Yeo, R. R.
  - 71-001025
- Yerastova, V. M.
  - 71-006175
- Yerger, R. W.
  - 71-004851
  - 71-005710
  - 71-008229
  - 71-008289
  - 71-008655
  - 71-008855
- Yermokhin, V. Ya.
  - 71-004862
  - 71-007597
- Yermolin, V. P.
  - 71-007352
- Yernst, P.
  - 71-007608
- Yershov, Yu. V.
  - 71-004480
- Yesaki, M.
  - 71-012638
  - 71-013330
- Yevich, P. P.
  - 71-010796
- Yevseyenko, S. A.
  - 71-006574
  - 71-008883
- Yevsin, V. N.
  - 71-004863
  - 71-004864
  - 71-004864
- Yevtushenko, N. Yu.
  - 71-000490
  - 71-000490
- Yingst, W. L. III
  - 71-000949
  - 71-000950
- Yip, A. Y.-W.
  - 71-002837
- Yip, S. W.
  - 71-011552
- Yoakim, E. G.
  - 71-001657
  - 71-002088
- Yockim, R. S.
  - 71-011553
- Yocum, W. L.
  - 71-012639
- Yoder, C.
  - 71-010509
- Yokley, P., Jr.
  - 71-008076
- Yokoi, T.
  - 71-010210
- Yokote, M.
  - 71-003114
  - 71-011017
- Yokoyama, M.
  - 71-000916
  - 71-000916
- Yolen, N. M.
  - 71-004481
- Yone, Y.
  - 71-000742
  - 71-000769
  - 71-000784
  - 71-000784
  - 71-000786
  - 71-000869
  - 71-000870
  - 71-000871
  - 71-000872
  - 71-000873
  - 71-000873
  - 71-000874
  - 71-000874
  - 71-000875
  - 71-000875
  - 71-000876
  - 71-000877
  - 71-000951
  - 71-000951
  - 71-003929
  - 71-003930
- Yoneda, T.
  - 71-004482
  - 71-004483
- Yonemori, T.
  - 71-005119
  - 71-005136
  - 71-005459
  - 71-005460
- Yong, M. Y. Y.
  - 71-007624
- Yopp, J.
  - 71-010392
- Yopp, J. H.
  - 71-000428
- York, R. K.
  - 71-013338
- Yorke, M. A.
  - 71-004484
- Yorke, T. H.
  - 71-011776
  - 71-011776
- Yosef, S. F.
  - 71-013139
  - 71-013139
- Yosha, S. F.
  - 71-010682
  - 71-011554
- Yoshida, A.
  - 71-004464
- Yoshida, H.
  - 71-010338
- Yoshida, H. O.
  - 71-005886
  - 71-005887
- Yoshida, K.
  - 71-012544
- Yoshida, M.
  - 71-000785
- Yoshii, K.
  - 71-004485
- Yoshikawa, H.
  - 71-004486
  - 71-004487
  - 71-004488
- Yoshimatsu, T.
  - 71-009815
- Yoshimura, J.
  - 71-002922
- Yoshinaka, R.
  - 71-000881
  - 71-000881
  - 71-000882
  - 71-004489
  - 71-004490
  - 71-004491
  - 71-009909
  - 71-011555
- Yoshiyama, R. M.
  - 71-007353
  - 71-008446
- Yoshiyasu, K.
  - 71-004492
- Yoshizaki, K.
  - 71-002089
  - 71-002090
  - 71-002090
- Yosida, T. H.
  - 71-004725
  - 71-004726
  - 71-004727
- Yost, E.
  - 71-010145
- Youatt, W. G.
  - 71-011784
- Young, A. H.
  - 71-003838
- Young, B.
  - 71-006532
- Young, B. H.
  - 71-001610
  - 71-007920
  - 71-008290
- Young, C. L.
  - 71-009219
  - 71-009220
- Young, D. K.
  - 71-006166
- Young, D. R.
  - 71-010122
  - 71-010298
  - 71-010430
  - 71-010510
  - 71-010511
- Young, E.
  - 71-009212
- Young, G.
  - 71-004493
- Young, J.
  - 71-000486
  - 71-010247
- Young, J. C.
  - 71-004975
- Young, J. R.
  - 71-010606
- Young, J. Z.
  - 71-004494
  - 71-004495
- Young, P. A.
  - 71-010963
- Young, R. E.
  - 71-004496
- Young, V. T.
  - 71-007783
- Youngbluth, M. J.
  - 71-001347
- Youngs, W. D.
  - 71-012824
- Youngson, A. F.
  - 71-000206
  - 71-000208
  - 71-000208
  - 71-003717
  - 71-003717
  - 71-003717
- Yount, J. D.
  - 71-010051
  - 71-010051
- Yousef, M. K.
  - 71-002570
  - 71-002571
- Youson, J. H.
  - 71-001602
  - 71-001603
  - 71-001849
  - 71-001871
  - 71-001872
  - 71-002091
  - 71-002092
  - 71-003711
  - 71-003831
  - 71-003831
  - 71-003832
  - 71-004372
  - 71-004435
  - 71-004436
  - 71-004438
  - 71-004497
  - 71-004498

...CONTINUED...
Youson, J. H.
71-004499
Yoza, K.
71-012640
Yruochko, Ye. S.
71-007354
Yu, J. Y.-L.
71-003115
71-004500
Yu, T. C.
71-000277
71-000277
71-000952
71-000953
Yuen, H.
71-005888
71-012205
Yuen, H. S. H.
71-006658
71-012230
Yufu, T.
71-004452
Yulo, T.
71-007675
Yunis, A. A.
71-003524
Yurkowski, M.
71-000954
71-000954
71-013349
Yusufi, A. N. K.
71-010007
71-010007
Yuzuriha, M.
71-004176
Zaba, B. N.
71-011556
Zabolotskiy, A. A.
71-006765
Zachariah, P. K.
71-011227
Zachariassen, K. E.
71-002763
Zachwieja, J.
71-012908
71-012908
Zadan, P. M.
71-002125
Zadorozhnaya, Ye. A.
71-007355
71-007356
Zadunaisky, J. A.
71-002552
Zagata, M. D.
71-011799
Zahl, P. A.
71-007357
Zahn, R. K.
71-011020
Zahner, E. J.
71-004865
Zahuranec, B. J.
71-008884
Zaitsev, V.
71-000668
Zaki Mokhamed, M. I.
71-006559
Zakora, L. P.
71-007358
Zalewski, M.
71-003759
71-010353
71-010354
Zalumi, S. G.
71-013005
Zama, A.
71-008752
Zama, K.
71-003093
71-003094
71-003095
71-004169
71-004170
Zambriborshch, F. S.
71-011557
71-011558
Zamora, S.
71-000725
71-000726
Zamyatin, V. A.
71-011724
Zander, C. D.
71-002093
71-005081
71-008885
Zanicchi, G.
71-010093
Zanuy, S.
71-002390
Zapata, A.
71-002094
Zapol, W. M.
71-003850
Zar, J. H.
71-005426
71-010758
Zarbock, W. M.
71-012911
Zaret, T. M.
71-001944
71-005461
71-005889
Zarick, P. P.
71-009221
71-009221
Zarn, M.
71-005493
Zaugg, W. S.
71-004501
Zavala-Camin, L. A.
71-008522
Zawacki, C. S.
71-007759
71-008291
Zaytseva, Ye. M.
71-007037
Zdinak, A.
71-003239
Zdzinnicka, M.
71-007577
Zech, M.
71-003849
Zeeman, M. G.
71-011503
Zeidler, R.
71-002930
Zeiger, W. N.
71-002371
Zeiske, E.
71-001440
71-001773
71-002002
71-002095
Zeiss C., E.
71-012470
71-012470
Zeissig, J. E.
71-004502
Zeitoun, I. H.
71-000151
71-004503
71-004504
71-011559
Zelinskiy, Yu. P.
71-004866
71-004867
71-005890
Zelinsky, Yu. P.
71-004866
Zell, S. R.
71-000278
71-000278
Zelnik, P. R.
71-004505
Zelson, P. R.
71-004506
Zeman, M. E.
71-004507
Zemkov, G. V.
71-011502
Zemlyak, F.
71-010423
Zepp, R. G.
71-010200
Zerunian, S.
71-000550
Zets, J. R.
71-012007
Zets, R. J.
71-012007
Zeutzius, I.
71-005302
Zhadan, G. G.
71-002126
Zhakov, L. A.
71-008292
71-012825
Zharov, V. L.
71-008175
Zhirnova, A. A.
71-011560
Zhitenev, A. N.
71-004508
Zhmurova, Ye. Kh.
71-004509
Zholdasova, I. M.
71-001868
Zhukov, V. V.
71-004868
Zhul'kov, A. I.
71-006704
Zhutenev, A. N.
71-004510
Zidek, J.
71-008886
71-008887
Ziebell, C. D.
71-005869
71-007214
71-007214
71-011537
Ziemer, R. F.
71-012231
71-012231
Zigman, S.
71-007675
Zilanov, V. K.
71-005891
Zillis, P. J.
71-013006
71-013006
Zimmer, D.
71-012116
Zimmer, D. W.
71-011890
71-011890
71-011891
71-012117
71-012117
71-012118
71-012119
71-012119
Zimmerer, E. J.
71-004511
Zimmerman, E. A.
71-002810
71-002884
Zimmerman, E. G.
71-003883
Zimmerman, H.
71-003309
Zinck, M. E.
71-010541
71-010542
71-010543
71-010544
71-010544
71-010545
Zinn, J.
71-011898
71-011898
71-012120
71-012120
Zinn, J. L.
71-009091
71-009383
Zion, H. H.
71-005827
Zirges, M. H.
71-012376
Ziskowski, J.
71-009161
Zitko, V.
71-011352
71-011561
71-011562
71-011563
71-011564
71-011565
71-011566
71-011567
71-011568
71-011569
71-011570
Zittel, A. E.
71-005366
71-011589
Ziuganov, V. V.
71-002096
Ziv, I.
71-000526
71-000526
71-000527
71-000527
Zlotkin, E.
71-003842
Zohar, Y.
71-000631
71-002622
71-002834
71-004512
71-004513
71-004513
Zolczynski, S. J., Jr.
71-007676
Zolotavina, L. A.
71-002097
Zolotnitskiy, A. P.
71-002336
71-004514
Zook, E. G.
71-010175
Zorach, T.
71-007953
Zorbidi, Zh. Kh.
71-007359
Zoric, M.
71-002101
Zoric, V.
71-002101
Zorn, M.
71-007249
71-007250
71-007250
Zottoli, S. J.
71-005462
Zubchenko, A. V.
71-008991
Zubchenko, A. W.
71-009784
Zubchenko, I. Z.
71-004515
Zubova, S. E.
71-004516
Zuboy, J. R.
71-011683
71-012826
Zuck, W. H.
71-008293
Zucker, A.
71-003652
Zur, O.
71-000551
71-007360
Zurbrigg, R. E.
71-008888
Zuvic, T.
71-004517
Zver'kova, L. M.
71-006575
Zvyagina, O. A.
71-001577
Zweiacker, P. J.
71-012711
Zweifel, J. R.
71-012827
71-013242
71-013242
Zwerner, D. E.
71-009003
71-009859
Zwick, D.
71-010512
71-010512
Zwicker, B. M.
71-009214
Zwingelstein, G.
71-004518
Zyuganov, V. V.
71-004519
Zyznar, E. S.
71-002098
71-002099
71-005463

ean Sea
71-010345
ica
71-001746
71-001852
71-003487
71-006225
71-006790
71-007417
71-007875
71-008250
71-008575
71-008607
71-008818
71-009860
71-012399
71-012882
71-013100
71-013462
ica, Eastern
71-006437
ica, Southeastern
71-006827
ica, Southern
71-006842
rica, Western
71-008585
rica: Atlantic Ocean
71-008190
rica: Benin
71-009622
rica: Gulf of Guinea
71-006796
rica: Kariba Dam
71-013052
rica: Lake Malawi
71-000537
71-005331
71-005332
71-006140
71-008468
71-012907
rica: Lake Tanganyika
71-005244
71-005245
71-005546
71-005931
71-005937
71-007420
71-008468
rica: Lake Victoria
71-005603
71-008472
71-008608
71-012877
71-012878
frica: Pacific Ocean
71-007744
frica: West Coast
71-007684
labama
71-000189
71-000205
71-000268
71-000473
71-000633
71-000658
71-000659
71-007416
71-007753
71-008336
71-008363
71-009582
71-009583
71-009894
71-009992
71-011257
71-011819
71-012102
71-012238
71-012642
71-012643
71-012648
71-012890
71-013027
71-013028
71-013038
71-013040
71-013041
71-013042
labama: Apalachicola Drainage
71-004603
labama: Auburn: Southeast. Coop. Fish Dis. Lab.
71-009006
labama: Barbour Cty. Public Fishing Lake
71-013034
labama: Cedar Creek
71-008076
labama: Claude Peteet Maricult. Cent.
71-008955
labama: Dauphin Island
71-008491
labama: Halawakee Creek
71-007098
labama: Lee County Lake
71-012875
labama: Lewis Smith Reservoir
71-007664
71-012064
labama: Luxapalila River
71-011863
labama: Mississippi Sound
71-003570
labama: Mobile Bay
71-005767
71-009995
labama: North River
71-007948

Alabama: Pickwick Reservoir
71-005097
71-005867
71-006985
71-007491
71-010504
Alabama: Tallapoosa River
71-001495
Alabama: Tennessee River
71-004587
71-008624
71-010503
Alabama: Tombigbee River
71-004544
Alabama: West Point Reservoir
71-006015
71-006549
71-007617
71-007646
71-007647
71-008364
71-013115
Alabama: Wilson Dam Tailwaters
71-007324
Alaska
71-000276
71-005472
71-005502
71-005658
71-005896
71-005943
71-006201
71-006202
71-006577
71-006592
71-007028
71-007368
71-007599
71-007738
71-007778
71-008038
71-008281
71-008434
71-008845
71-008983
71-009421
71-010522
71-010651
71-011623
71-011707
71-011813
71-011962
71-012099
71-012124
71-012194
71-012197
71-012232
71-012233
71-012272
71-012490
Alaska, North Slope
71-009814
Alaska, Southeastern
71-005521
71-006016
71-012937
Alaska: Arctic
71-013500
Alaska: Auke Creek
71-000157
Alaska: Auke Lake
71-004683
Alaska: Bering Sea
71-007007
Alaska: Bristol Bay
71-001483
71-005888
71-006064
71-006819
71-012190
71-012205
Alaska: Canning River
71-006600
Alaska: Chandalar River
71-005547
Alaska: Chatanika River
71-007137
Alaska: Chena River
71-010074
Alaska: Chignik Lakes
71-011647
Alaska: Colville River Estuary
71-001050
Alaska: Cook Inlet
71-001424
71-004633
Alaska: Gulf of Alaska
71-013221
Alaska: Kodiak Island: Frazer Lake
71-012921
Alaska: Little Port Walter Bay
71-000195
Alaska: Naknek River System
71-012940
Alaska: Olsen Creek
71-005984
Alaska: Pacific Ocean
71-008111
71-013265
71-013266
71-013267
Alaska: Prince William Sound
71-004736
71-006083
Alaska: Salcha River
71-007072
Alaska: Sashin Creek
71-005548

...CONTINUED...
Alaska: Sashin Creek
71-008349
Alaska: Wood River Lakes
71-006670
Alboran Sea
71-009765
71-009766
Amazon Basin
71-002607
71-002693
71-002749
71-003302
71-003460
71-003801
Amazon River
71-002842
71-008464
American Samoa
71-011961
Andaman Sea
71-008189
Antarctic
71-006177
71-007274
71-007621
71-007911
71-008227
71-008457
71-008458
71-008740
71-013180
Antarctic: Anvers Island: Arthur Harbor
71-006242
Antarctica
71-005754
71-007134
Antarctica: Arthur Harbor
71-006241
Antarctica: McMurdo Sound
71-002588
Arabian Sea
71-002767
71-005800
71-006275
71-007407
71-007864
71-007950
71-008100
71-008579
71-008699
71-008704
Arabian Sea: Gulf of Oman
71-006809
Aral Sea
71-007193
Arctic Area
71-010026
Arctic Ocean: Barents Sea
71-006279
71-008094
Arctic Ocean: Beaufort Sea
71-013461
Arctic: American
71-008460
Argentina
71-005714
71-008586
Argentina: Buenos Aires
71-005715
Argentina: Pacific Ocean
71-007351
Arizona
71-005541
71-006232
71-008052
71-011626
71-012023
Arizona: Aravaipa Creek
71-006705
Arizona: Becker Lake
71-007276
71-007277
Arizona: Canyon Lake
71-012006
Arizona: Cholla Lake
71-006671
Arizona: Colorado River
71-008072
Arizona: Deer Island Lake
71-008410
71-012985
Arizona: Graham Cty.: Aravaipa Creek
71-007220
Arizona: Imperial Reservoir
71-005869
Arizona: Lake Mead
71-001052
71-007117
Arizona: Lake Powell
71-001216
71-006669
71-006976
71-007102
71-012159
Arizona: Mammoth Warm Spring
71-008282
Arizona: Maricopa Cty.
71-007540
Arizona: Maricopa Cty.: Cave Creek
71-008408
Arizona: Maricopa Cty.: Seven Springs Wash
71-005709
Arizona: Parker Canyon Lake
71-007214
Arizona: Pinto Creek
71-010269

Arizona: Rio Yaqui
71-007913
Arizona: San Pedro River
71-012968
Arizona: Santa Cruz Cty.: Monkey Spring
71-006231
71-006920
71-007183
Arizona: Virgin River
71-004958
Arkansas
71-000018
71-000057
71-000457
71-000458
71-005992
71-007906
71-008164
71-008165
71-008166
71-008168
71-008302
71-008405
71-008503
71-011452
71-011665
71-012258
71-012420
Arkansas: Arkansas River
71-011889
Arkansas: Bayou DeView
71-012003
Arkansas: Beaver Reservoir
71-006165
71-006609
71-007435
71-007516
71-008906
Arkansas: Benton Cty.: Crystal Lake
71-006168
Arkansas: Buffalo River
71-005681
71-007779
71-008974
Arkansas: Bull Shoals Reservoir
71-008294
71-012121
Arkansas: Cache River
71-012003
Arkansas: Caddo River
71-005629
71-007821
71-008167
Arkansas: Cane Creek
71-008288
Arkansas: Cossatot River
71-008330
Arkansas: Crowley's Ridge
71-007861
Arkansas: Crystal Lake
71-000050
71-000298
71-000412
Arkansas: Dardanelle Reservoir
71-011618
Arkansas: DeGray Lake
71-012698
Arkansas: Eleven Point River
71-007955
Arkansas: Fourche River
71-007754
Arkansas: Greer's Ferry Lake
71-010520
Arkansas: Illinois River
71-007772
Arkansas: Izard Cty.: Piney Creek
71-005737
71-008037
Arkansas: Lake Dardanelle
71-007450
71-012691
Arkansas: Lake Fort Smith
71-007569
71-009581
Arkansas: Little River
71-008169
71-008330
Arkansas: Moro Creek
71-008163
Arkansas: Ouachita River
71-007907
Arkansas: Piney Creek
71-007099
Arkansas: Randolph Cty.
71-007755
Arkansas: Red River Drainage
71-004593
Arkansas: Stone Cty.: Sylamore Creek
71-007854
Arkansas: Ten Mile Creek
71-007951
Arkansas: White River
71-008514
Asia, Southeastern
71-000106
71-000122
71-000138
71-000573
71-004818
71-008803
Atlantic Ocean
71-001198
71-001253
71-001308
71-001342
71-001870
71-001931
71-001955
...CONTINUED...
Atlantic Ocean
71-003803
71-004579
71-004745
71-004746
71-004850
71-005512
71-005528
71-005610
71-005619
71-005620
71-005731
71-005804
71-005845
71-005877
71-006061
71-006106
71-006221
71-006319
71-006414
71-006543
71-006660
71-006723
71-006881
71-007023
71-007371
71-007549
71-007551
71-007565
71-007630
71-007634
71-007729
71-007732
71-007844
71-007875
71-007943
71-008089
71-008326
71-008452
71-008490
71-008532
71-008533
71-008535
71-008537
71-008552
71-008599
71-008603
71-008631
71-008653
71-008664
71-008667
71-008683
71-008719
71-008727
71-008878
71-009331
71-009557
71-009644
71-009852
71-009955
71-010162
71-011824
71-011841
71-012171
71-012818
71-013155
71-013156
71-013193
71-013201
71-013294
71-013302
71-013363
Atlantic Ocean, East Central
71-006499
71-007826
71-013200
Atlantic Ocean, Eastern
71-008700
Atlantic Ocean, Eastern Tropical
71-008480
71-013303
Atlantic Ocean, North
71-001203
71-001289
71-001294
71-001695
71-001845
71-001949
71-002367
71-002460
71-002714
71-003370
71-004590
71-004598
71-004756
71-004787
71-005040
71-005183
71-005279
71-005477
71-005479
71-005480
71-005495
71-005535
71-005578
71-005605
71-005613
71-005628
71-005631
71-005707
71-005717
71-005718
71-005730
71-005741
71-005742
71-005743
71-005744
...CONTINUED...
Atlantic Ocean, North
71-005761
71-005769
71-005773
71-005792
71-005815
71-005843
71-005871
71-005873
71-005891
71-005898
71-005911
71-005923
71-005926
71-005934
71-005948
71-005949
71-005950
71-005951
71-005953
71-005973
71-006053
71-006111
71-006112
71-006113
71-006115
71-006117
71-006137
71-006142
71-006155
71-006158
71-006169
71-006182
71-006199
71-006206
71-006230
71-006253
71-006280
71-006307
71-006320
71-006321
71-006322
71-006334
71-006335
71-006336
71-006339
71-006400
71-006417
71-006424
71-006467
71-006504
71-006518
71-006519
71-006544
71-006607
71-006639
71-006640
71-006641
71-006642
71-006650
71-006653
71-006677
71-006694
71-006707
71-006708
71-006714
71-006732
71-006736
71-006787
71-006918
71-006937
71-007055
71-007119
71-007120
71-007161
71-007205
71-007230
71-007306
71-007393
71-007535
71-007608
71-007682
71-007711
71-007730
71-007813
71-007814
71-007842
71-007851
71-007859
71-007860
71-007901
71-007902
71-007922
71-007957
71-007975
71-007987
71-008042
71-008068
71-008099
71-008120
71-008150
71-008211
71-008236
71-008240
71-008260
71-008268
71-008309
71-008342
71-008361
71-008417
71-008463
71-008484
71-008560
71-008657
71-008666
71-008668
71-008688

...CONTINUED...
Atlantic Ocean, North
71-008743
71-008767
71-008790
71-008812
71-008839
71-008852
71-008895
71-009017
71-009018
71-009207
71-009222
71-009262
71-009271
71-009283
71-009310
71-009326
71-009465
71-009495
71-009509
71-009527
71-009528
71-009556
71-009558
71-009559
71-009560
71-009561
71-009562
71-009563
71-009564
71-009592
71-009650
71-009697
71-009698
71-009733
71-009784
71-009922
71-009924
71-009964
71-009966
71-009986
71-009996
71-010000
71-010041
71-010119
71-010121
71-010164
71-010165
71-010250
71-010262
71-010268
71-010274
71-010282
71-010307
71-010316
71-010317
71-010324
71-010355
71-010383
71-010402
71-010423
71-010434
71-010448
71-010526
71-012136
71-012174
71-012200
71-012341
71-012720
71-012774
71-012815
71-013150
71-013154
71-013158
71-013160
71-013162
71-013164
71-013171
71-013172
71-013220
71-013248
71-013249
71-013262
71-013269
71-013291
71-013295
71-013307
71-013328
Atlantic Ocean, North: Bay of Biscay
71-005050
Atlantic Ocean, North: Canada: Newfoundland
71-006743
Atlantic Ocean, North: Canary Current
71-007966
Atlantic Ocean, North: Celtic Sea
71-001825
Atlantic Ocean, North: Cumberland Sound
71-006421
Atlantic Ocean, North: Faeroe Islands
71-009549
Atlantic Ocean, North: Gulf of St. Lawrence
71-007990
71-008682
Atlantic Ocean, North: Norfolk Canyon
71-008264
Atlantic Ocean, North: Norway
71-008971
Atlantic Ocean, North: Norwegian Sea
71-008093
Atlantic Ocean, North: Scotian Shelf
71-008029
Atlantic Ocean, North: South Atlantic Bight
71-006688
71-008265

...CONTINUED...
Atlantic Ocean, North: South Atlantic Bight
71-008266
71-008267
71-013174
Atlantic Ocean, Northeastern
71-006718
71-007905
71-007970
71-008811
Atlantic Ocean, Northwestern
71-001732
71-005585
71-008448
71-008883
Atlantic Ocean, South
71-001515
71-005481
71-005642
71-005643
71-006387
71-006572
71-006842
71-007301
71-007614
71-007828
71-007968
71-008133
71-008487
71-008588
71-008658
71-008672
71-008881
71-008888
71-013180
Atlantic Ocean, South: Scotia Sea
71-008117
Atlantic Ocean, South: South Georgia
71-007424
Atlantic Ocean, Southeastern
71-002008
71-005972
71-008830
71-008831
71-013173
71-013268
Atlantic Ocean, Southwestern
71-001651
71-007993
71-008132
71-008649
71-008651
71-011833
Atlantic Ocean, Tropical
71-008175
71-008832
Atlantic Ocean, Tropical Western
71-004873
71-008808
Atlantic Ocean, West Central
71-013183
71-013187
71-013189
Atlantic Ocean, Western
71-008510
71-008522
71-008549
Atlantic Ocean: Africa
71-007684
71-008062
71-008190
Atlantic Ocean: Antilles Current
71-007897
Atlantic Ocean: Baffin Island
71-010040
Atlantic Ocean: Bahama Islands
71-006696
Atlantic Ocean: Canada
71-008559
71-011370
71-013151
71-013254
Atlantic Ocean: Canada: Newfoundland
71-005505
Atlantic Ocean: Chincoteague Bay
71-009836
Atlantic Ocean: Delaware: Delaware Bay
71-005835
Atlantic Ocean: English Channel
71-010127
Atlantic Ocean: Finland
71-006118
71-006119
71-006120
71-006726
Atlantic Ocean: Florida
71-005669
71-005670
71-006867
71-009375
71-013228
Atlantic Ocean: Georges Bank
71-006574
71-007793
Atlantic Ocean: Georgia
71-001490
71-005722
71-009886
71-009887
Atlantic Ocean: Gulf of Finland
71-006139
71-006709
Atlantic Ocean: Gulf of Guinea
71-006796
Atlantic Ocean: Gulf of Maine
71-007793
71-008428
Atlantic Ocean: Gulf of St. Lawrence
71-005336

Atlantic Ocean: Gulf of Maine
71-008428
Atlantic Ocean: Gulf of St. Lawrence
71-005336
71-006159
71-007869
71-007983
Atlantic Ocean: Long Island Sound
71-001610
71-006579
71-007398
71-007598
Atlantic Ocean: Massachusetts: Cape Cod
71-004751
Atlantic Ocean: Mid-Atlantic Bight
71-005466
71-005764
Atlantic Ocean: Narragansett Bay
71-007163
Atlantic Ocean: New England
71-007903
71-009250
Atlantic Ocean: New Jersey
71-003530
71-006262
71-008069
Atlantic Ocean: New York
71-006711
71-007399
71-007917
71-007918
71-007919
71-007920
71-008086
71-008290
71-010163
71-013163
71-013226
Atlantic Ocean: New York Bight
71-008277
71-009161
71-010524
71-013256
Atlantic Ocean: North Carolina
71-000588
71-005651
71-005732
71-005893
71-005894
71-006399
71-006749
71-007221
71-008185
71-008186
71-008414
71-009795
71-011514
Atlantic Ocean: North Sea
71-007592
71-009773
Atlantic Ocean: Norwegian Sea
71-007286
Atlantic Ocean: Scagerac Sea
71-002666
Atlantic Ocean: Scotland
71-005614
Atlantic Ocean: South Carolina
71-005732
71-007695
71-011951
Atlantic Ocean: United States
71-013469
Atlantic Ocean: Venezuela
71-009099
71-009499
Atlantic Ocean: Virginia
71-008183
Atlantic Ocean: White Sea
71-002034
Australia
71-000376
71-001585
71-002241
71-006128
71-006196
71-006384
71-006525
71-006780
71-006782
71-006784
71-006811
71-007187
71-007318
71-007346
71-007465
71-007607
71-007663
71-007747
71-008262
71-008283
71-008521
71-008534
71-008536
71-008662
71-008739
71-008840
71-009051
71-009118
71-009149
71-009349
71-009516
71-009750
71-009751
71-009752
71-009759
71-010032
71-010073

...CONTINUED...
- Australia
  - 71-010092
  - 71-010158
  - 71-010178
  - 71-010369
  - 71-012183
  - 71-012225
  - 71-012462
  - 71-012476
  - 71-012480
  - 71-012481
  - 71-013210
- Australia, Southern
  - 71-008634
- Australia: Blackwood River Estuary
  - 71-008009
- Australia: Geographe Bay/Bunbury
  - 71-008256
- Australia: Great Barrier Reef
  - 71-005355
  - 71-005609
  - 71-006095
  - 71-006096
  - 71-008235
  - 71-008411
  - 71-009695
- Australia: Gwydir River
  - 71-002527
  - 71-006246
  - 71-006849
  - 71-007428
- Australia: Heron Reef
  - 71-005354
- Australia: McKenzie River
  - 71-006333
- Australia: New South Wales
  - 71-008273
  - 71-011850
- Australia: New South Wales: Lake Eucumbene
  - 71-006548
- Australia: New South Wales: Shoalhaven River
  - 71-005501
- Australia: New South Wales: Tallowa Dam
  - 71-011882
- Australia: Pacific Ocean
  - 71-007992
- Australia: Port Phillip Bay
  - 71-009670
  - 71-009671
- Australia: Queensland
  - 71-006785
  - 71-009566
  - 71-009567
  - 71-009730
  - 71-009788
- Australia: Queensland: Serpentina Creek
  - 71-006690
- Australia: Queensland: Trinity Bay
  - 71-007742
- Australia: Shark Bay
  - 71-008010
- Australia: Tasmania
  - 71-005883
  - 71-008456
  - 71-008578
  - 71-008681
  - 71-010382
- Australia: Victoria
  - 71-008358
  - 71-012126
  - 71-012630
- Australia: Victoria: Aberfeldy River
  - 71-006998
- Australia: Victoria: Acheron River
  - 71-001277
- Australia: Victoria: Murray River
  - 71-007774
- Australia: Victoria: Snobs Creek
  - 71-001194
- Australia: Victoria: Tullaroop Creek
  - 71-012956
- Australia: Victoria: Western Port
  - 71-005806
- Australia: Western Australia
  - 71-012182
- Australia: Western Australia: Swan-Canning Estuary
  - 71-013133
- Austria
  - 71-007151
  - 71-007888
- Azores Islands
  - 71-005183
- Bahama Islands
  - 71-004941
  - 71-005019
  - 71-006696
  - 71-008532
- Baltic Sea
  - 71-000607
  - 71-003312
  - 71-004216
  - 71-004867
  - 71-006114
  - 71-006116
  - 71-006121
  - 71-006151
  - 71-006769
  - 71-007566
  - 71-007632
  - 71-008430
  - 71-009896
  - 71-009923
  - 71-009925
  - 71-011195
  - 71-012181

...CONTINUED...
- Baltic Sea
  - 71-013318
- Baltic Sea: Vistula Bay
  - 71-008303
- Baltic Sea: Vistula Lagoon
  - 71-008415
- Bangladesh
  - 71-000395
  - 71-006861
  - 71-008746
- Barbados
  - 71-001892
  - 71-008137
- Barents Sea
  - 71-005631
  - 71-005948
  - 71-005949
  - 71-005950
  - 71-005951
  - 71-007813
  - 71-009733
  - 71-009996
- Belgium: Semois River
  - 71-010359
- Belize
  - 71-008604
  - 71-008605
  - 71-009634
  - 71-009635
- Benin
  - 71-009622
- Bering Sea
  - 71-001806
  - 71-004071
  - 71-004632
  - 71-004711
  - 71-004781
  - 71-005719
  - 71-006771
  - 71-007007
  - 71-007120
  - 71-007640
  - 71-007733
  - 71-008033
  - 71-008562
  - 71-008984
  - 71-009387
  - 71-009753
  - 71-013159
  - 71-013215
  - 71-013216
- Bering Sea, Eastern
  - 71-005913
- Bering Sea: Commander Islands
  - 71-004712
- Bermuda
  - 71-006588
  - 71-008786
- Black Sea
  - 71-000565
  - 71-003270
  - 71-003999
  - 71-004175
  - 71-004590
  - 71-004797
  - 71-005229
  - 71-006875
  - 71-006876
  - 71-006877
  - 71-007238
  - 71-007239
  - 71-007240
  - 71-008310
  - 71-008397
  - 71-008734
  - 71-010583
- Black Sea: Kerch Strait
  - 71-006550
- Black Sea: Sea of Azov
  - 71-008299
- Bolivia
  - 71-008842
- Bolivia: Amazon River
  - 71-008464
- Bonneville Basin
  - 71-005738
- Brazil
  - 71-000098
  - 71-000113
  - 71-000114
  - 71-000545
  - 71-007810
  - 71-008022
  - 71-008860
- Brazil: Ceara
  - 71-007433
- Brazil: Patos Lagoon
  - 71-005524
- Brazil: Rio Grande do Sul State
  - 71-008008
- Brazil: Rio Madeira
  - 71-012952
- Brazil: Rio Negro
  - 71-008856
  - 71-008859
- British Isles
  - 71-004573
  - 71-008271
- Burundi: Lake Tanganyika
  - 71-005579
- California
  - 71-000030
  - 71-000063
  - 71-000064
  - 71-000163
  - 71-000164
  - 71-001383
  - 71-001596

...CONTINUED...
- California
  - 71-002580
  - 71-004622
  - 71-004877
  - 71-005086
  - 71-005165
  - 71-005509
  - 71-005870
  - 71-006049
  - 71-006076
  - 71-006236
  - 71-006286
  - 71-006312
  - 71-006426
  - 71-006715
  - 71-006953
  - 71-007141
  - 71-007290
  - 71-007353
  - 71-007681
  - 71-007748
  - 71-007829
  - 71-007848
  - 71-007849
  - 71-007933
  - 71-007938
  - 71-007980
  - 71-008006
  - 71-008055
  - 71-008058
  - 71-008141
  - 71-008222
  - 71-008351
  - 71-008504
  - 71-008816
  - 71-008904
  - 71-008969
  - 71-008998
  - 71-009294
  - 71-009437
  - 71-009489
  - 71-009565
  - 71-009608
  - 71-009748
  - 71-009789
  - 71-009849
  - 71-009851
  - 71-010013
  - 71-010075
  - 71-010194
  - 71-010298
  - 71-010511
  - 71-011663
  - 71-011956
  - 71-011957
  - 71-011958
  - 71-012030
  - 71-012037
  - 71-012135
  - 71-012172
  - 71-012179
  - 71-012196
  - 71-012202
  - 71-012245
  - 71-012434
  - 71-012439
  - 71-012444
  - 71-012860
  - 71-012959
  - 71-013037
  - 71-013128
  - 71-013231
  - 71-013274
  - 71-013327
  - 71-013471
  - 71-013490
- California, Coastal
  - 71-006547
  - 71-007466
- California, Pacific Ocean
  - 71-006768
  - 71-006978
- California, Southern
  - 71-006354
  - 71-007606
  - 71-010280
  - 71-013369
- California, Southern: Pacific Ocean
  - 71-008056
  - 71-008384
- California: Alameda Creek
  - 71-007680
- California: Alamitos Bay
  - 71-007687
- California: Anaheim Bay
  - 71-007437
  - 71-008001
  - 71-008007
- California: Ash Creek
  - 71-007064
- California: Bruels Point
  - 71-007419
- California: Carmel Bay
  - 71-006988
- California: Castle Lake
  - 71-003749
- California: Clear Lake
  - 71-006031
  - 71-006893
  - 71-010070
  - 71-012428
- California: Colusa Cty.
  - 71-013347
- California: Cottonwood Creek
  - 71-006605
- California: Coyote Creek
  - 71-007680

California: Death Valley
71-003617
71-008066
California: Death Valley Natl. Monument
71-002010
California: Death Valley Natl. Monument: Saratoga Springs
71-004021
California: Deer Creek
71-004878
California: Desolation Wilderness
71-012132
California: Eagle Lake
71-001066
71-001352
California: Evewetak Lagoon
71-006680
California: Farallon Islands
71-008335
California: Friant-Kern Canal
71-008848
California: Half Moon Bay
71-006192
California: Hat Creek
71-012950
71-013366
California: Humboldt Bay
71-003559
71-006470
71-007191
71-007720
71-010009
California: Humboldt Cty.: Freshwater Lagoon
71-012427
California: Humboldt Cty.: Redwood Creek
71-012113
California: Humboldt Cty.: Trinidad Bay
71-006050
California: Inyo City: Tecopa Bore
71-001358
California: Jackson Meadows Reservoir
71-012454
California: King Street Canal
71-005367
California: Klamath River
71-006846
71-008847
California: La Jolla
71-009533
California: Lake Almanor
71-005467
California: Lake Berryessa
71-012449
71-012450
California: Lake Casitas
71-009627
California: Lake Cty.: Clear Lake
71-007139
California: Lake Cty.: Clear Lake Basin
71-008238
California: Lake Greenhaven
71-005467
71-008438
California: Lake Havasu
71-007315
California: Lake Nacimiento
71-007404
California: Lake Perris
71-007403
71-012413
California: Lake Tahoe
71-001206
71-012435
California: Lassen Cty.
71-005759
California: Lassen Cty.: Eagle Lake
71-004556
California: Los Angeles
71-007325
71-010510
California: Los Angeles Cty.
71-009714
71-010122
71-010430
California: Los Angeles Harbor
71-007899
71-010433
California: Los Angeles: Pacific Ocean
71-008389
California: McCloud River
71-005844
71-007287
California: Merle Collins Reservoir
71-006080
71-012268
71-012355
71-012450
California: Modoc Cty.
71-005759
California: Modoc Cty.: Cowhead Lake
71-008481
California: Modoc Cty.: Rush Creek
71-012016
California: Mono Cty.: Bunny Lake
71-005799
California: Mono Cty.: Little Walker River
71-006891
California: Monterey Bay
71-001313
71-005517
71-005558
71-006987
71-007272
71-007693
71-007694
71-007998
...CONTINUED...
California: Monterey Bay
71-007999
California: Morro Bay
71-003973
California: Napa Cty.: Lake Berryessa
71-001318
California: Newport Bay
71-005897
California: North Fork Feather River
71-012292
California: Orange Cty.
71-009609
71-009610
California: Pacific Current
71-007916
California: Pacific Ocean
71-001301
71-004718
71-005713
71-006133
71-006290
71-006610
71-006702
71-007074
71-007222
71-007688
71-007847
71-007932
71-008298
71-008804
71-009323
71-009338
71-009339
71-009340
71-009346
71-009347
71-009547
71-009665
71-009713
71-009850
71-011825
71-012189
California: Pajaro River
71-008206
California: Pit River
71-001199
71-005551
California: Plumas Cty.: Frenchman Reservoir
71-012301
California: Point Conception
71-007822
California: Richardson Bay
71-007836
California: Rincon Point
71-013337
California: Riverside Cty.: Lake Perris
71-012858
California: Sacramento River
71-006358
71-006555
71-007760
71-010134
71-010798
71-012463
California: Sacramento-San Joaquin Estuary
71-006130
71-007406
71-007525
71-008237
71-012082
71-012157
71-012364
71-013142
California: Sagehen Creek
71-006258
California: Salton Sea
71-008306
California: San Diego
71-013298
California: San Diego Cty.
71-012388
California: San Diego Cty.: Rancho Carrillo
71-013335
California: San Francisco Bay
71-006091
California: San Joaquin River
71-006555
California: San Pedro Bay
71-006208
California: Santa Barbara
71-004872
71-006664
71-007865
California: Santa Barbara Channel
71-006755
California: Santa Barbara Cty.
71-007721
California: Santa Catalina Basin
71-006692
California: Santa Clara River
71-007722
71-008057
California: Santa Cruz Cty.: Corcoran Lagoon
71-006193
California: Santa Cruz Island
71-006755
California: Santa Monica Bay
71-007845
71-009790
California: Shasta Lake
71-006143
California: Sheepheaven Creek
71-008591
California: Squirrel Creek
71-001274
California: Tecopa Bore
71-006056
California: Truckee River
71-006582
California: Ventura River
71-006551
California: Williamson Lakes
71-008592
California: Zzyzx Spring
71-008833
Cameroon: River Mungo
71-008806
Canada
71-000029
71-000056
71-000133
71-000152
71-001057
71-001073
71-001098
71-001117
71-001161
71-001489
71-004578
71-004613
71-006311
71-007871
71-008964
71-008982
71-010176
71-010183
71-010233
71-010475
71-011638
71-011653
71-011730
71-011742
71-011788
71-011789
71-011805
71-011834
71-011927
71-012264
71-012914
71-013008
71-013132
71-013247
71-013279
71-013279
71-013442
71-013459
Canada, Western
71-004614
71-011852
Canada: Alberta
71-006870
71-007731
71-007739
71-007995
71-007996
71-008995
Canada: Alberta: Athabasca River
71-011055
Canada: Alberta: Kananaskis Valley
71-001220
Canada: Alberta: Lac Ste. Anne
71-006606
Canada: Alberta: Lake Wabamun
71-010024
Canada: Alberta: Lesser Slave Lake
71-005908
71-012532
Canada: Alberta: North Milk River
71-008263
Canada: Alberta: North Raven River
71-007686
Canada: Alberta: Nose River
71-009728
Canada: Alberta: Paine Lake
71-005487
Canada: Alberta: Peace River
71-007740
Canada: Alberta: Peace-Athabasca Delta
71-005952
Canada: Alberta: Prince Albert Natl. Park
71-009471
Canada: Alberta: Sheep River
71-005851
71-006602
Canada: Alberta: Steepbank River
71-001187
Canada: Alberta: Waterton Lakes
71-001051
Canada: Atlantic Ocean
71-004787
71-008559
71-013151
71-013254
Canada: British Columbia
71-000154
71-000265
71-001093
71-001239
71-001298
71-001911
71-003176
71-004953
71-005027
71-005671
71-005706
71-005736
71-005977
71-006160
71-006318
71-006685
71-007012
71-007209

...CONTINUED...
Canada: British Columbia
71-007579
71-007599
71-007710
71-007781
71-008113
71-008114
71-008115
71-008219
71-008874
71-008899
71-008995
71-009362
71-009865
71-010065
71-010099
71-011725
71-011925
71-012046
71-012053
71-012125
71-012252
71-012384
71-012385
71-012386
71-012665
71-012678
71-012679
71-012965
71-013213
71-013280
71-013293
Canada: British Columbia, Coastal
71-006716
Canada: British Columbia: Atnarko River
71-000199
Canada: British Columbia: Babine Lake
71-006706
Canada: British Columbia: Carnation Creek
71-001075
71-012666
Canada: British Columbia: Centennial Creek
71-012074
Canada: British Columbia: Chilko Lake
71-009468
Canada: British Columbia: Chilko River
71-004405
Canada: British Columbia: Cowichan-Koksilah Rivers
71-005900
Canada: British Columbia: Duncan-Lardeau Rivers
71-012912
Canada: British Columbia: Fraser River
71-012928
71-012929
Canada: British Columbia: Georgia Strait
71-005640
Canada: British Columbia: Glendale River
71-013362
Canada: British Columbia: Great Central Lake
71-001307
71-007090
71-012653
71-012660
Canada: British Columbia: Heisholt Lake
71-004702
Canada: British Columbia: Horsefly River
71-008443
Canada: British Columbia: Howe Sound
71-010179
Canada: British Columbia: Juan De Fuca Strait
71-001160
Canada: British Columbia: Kootenay Lake
71-001328
Canada: British Columbia: Kootenay Trout Hatchery
71-009711
Canada: British Columbia: Nanaimo Estuary
71-005641
71-006055
71-006968
71-007235
Canada: British Columbia: Nitinat Lake
71-012848
Canada: British Columbia: Pacific Ocean
71-005978
71-008111
71-009725
71-010446
Canada: British Columbia: Port Renfrew
71-007419
Canada: British Columbia: Puntledge River
71-012429
Canada: British Columbia: Queen Charlotte Sound
71-012555
Canada: British Columbia: Quinsam River
71-006088
Canada: British Columbia: Rosewall Creek Hatchery
71-009123
Canada: British Columbia: Skeena River
71-012757
71-012767
Canada: British Columbia: Strait of Georgia
71-005286
71-006583
71-013326
Canada: British Columbia: Tsolum River
71-000159
71-006189
Canada: British Columbia: Vancouver
71-001107
Canada: British Columbia: Vancouver Island
71-001367
71-006676
71-013344
Canada: British Columbia: Wapiti Lake Area
71-008182
Canada: British Columbia: Williston Reservoir
71-004734
Canada: Canso Strait
71-012004
Canada: Experimental Lakes Area
71-001100
Canada: Georges Bank
71-006574
Canada: Great Lakes
71-006000
Canada: Gulf of St. Lawrence
71-001105
71-001121
71-001336
71-006030
71-006159
71-006563
71-006581
71-006638
71-007119
71-007372
71-007869
71-007983
Canada: Hudson Bay
71-008083
Canada: James Bay
71-008083
71-012059
Canada: Labrador
71-012139
71-013282
Canada: Labrador: Churchill Falls
71-010318
Canada: Labrador: Ossokmanuan Reservoir
71-013055
Canada: Labrador: Smallwood Reservoir
71-008916
Canada: Lake Erie
71-012853
Canada: Lake Ontario
71-012178
Canada: Manitoba
71-000155
71-000334
71-001130
71-001261
71-001796
71-011990
71-012833
71-013349
Canada: Manitoba: Assiniboine River
71-006285
71-006929
71-007461
71-007462
71-008945
Canada: Manitoba: Flin Flon
71-010468
Canada: Manitoba: Indian Lake
71-009037
Canada: Manitoba: Mink River
71-007148
71-007149
Canada: Manitoba: Nelson River
71-007963
Canada: Manitoba: Pine Creek
71-010312
Canada: Manitoba: Rat River
71-001200
Canada: Manitoba: Southern Indian Lake
71-005902
71-006204
Canada: Manitoba: Wapun Lake
71-007413
Canada: Manitoba: West Blue Lake
71-006010
71-006651
71-012460
Canada: Manitoba: Whitemoutn River
71-005381
Canada: Manitoba: Winnipeg
71-010701
Canada: Maritime Provinces
71-006414
71-011370
71-013249
Canada: New Brunswick
71-004562
71-004710
71-005490
71-006459
71-006646
71-006701
71-008230
71-009587
71-012106
Canada: New Brunswick: Bay of Fundy
71-011529
Canada: New Brunswick: Gaspe
71-013258
Canada: New Brunswick: Miramichi Estuary
71-006527
Canada: New Brunswick: Miramichi River
71-006219
71-008952
71-012324
Canada: New Brunswick: St. John River
71-001999
71-005522
...CONTINUED...
Canada: New Brunswick: St. John River
71-006150
71-006219
71-006618
71-008896
Canada: New Brunswick: St. John River Estuary
71-005550
Canada: Newfoundland
71-002460
71-002714
71-005040
71-006736
71-006743
71-007119
71-007418
71-007791
71-009310
71-009605
71-009606
71-009951
71-010979
71-013282
Canada: Newfoundland: Atlantic Ocean
71-005505
71-005707
71-006624
Canada: Newfoundland: Continental Shelf
71-006379
Canada: Newfoundland: Grand Bank
71-006206
Canada: Newfoundland: Gros Morne Natl. Park
71-005485
71-005811
Canada: Newfoundland: North Harbour Rive
71-006026
Canada: Newfoundland: Red Indian Lake
71-012884
Canada: Northumberland Strait
71-007841
Canada: Northwest Territories
71-001214
71-005574
71-006001
71-007145
71-007244
71-008570
71-008845
71-012224
71-012857
Canada: Northwest Territories: Baffin Island
71-010040
Canada: Northwest Territories: Char Lake
71-001291
71-009508
Canada: Northwest Territories: Saqvaqjua River
71-005444
Canada: Northwest Territories: Strathcon Sound
71-010039
Canada: Northwest Territories: Trail River
71-011292
Canada: Nova Scotia
71-004562
71-007452
71-009039
71-012069
Canada: Nova Scotia: Chedabucto Bay
71-010152
71-010156
71-010230
71-010443
71-010457
71-010471
Canada: Nova Scotia: Gulf of Maine
71-001106
Canada: Nova Scotia: Jeddore Harbour
71-001165
Canada: Nova Scotia: Margaree River
71-009173
Canada: Nova Scotia: Miramichi River
71-011271
Canada: Nova Scotia: Scotian Shelf
71-008029
Canada: Nova Scotia: St. Margaret's Bay
71-000006
71-010181
Canada: Ontario
71-001145
71-001150
71-001157
71-001180
71-001295
71-004680
71-005892
71-007825
71-008360
71-008949
71-008950
71-008951
71-009252
71-009261
71-009506
71-009507
71-009668
71-009757
71-009762
71-009879
71-009957
71-009958
71-009960
71-010115
71-010397
71-010403
71-011697

...CONTINUED...
- Canada: Ontario
  - 71-011802
  - 71-012404
  - 71-012405
  - 71-012446
- Canada: Ontario, Southern
  - 71-001296
- Canada: Ontario: Algonquin Park
  - 71-001172
  - 71-009274
- Canada: Ontario: Algonquin Park: Ryan Lake
  - 71-008917
- Canada: Ontario: Ball Lake
  - 71-010020
- Canada: Ontario: Experimental Lakes Area
  - 71-001140
  - 71-001168
  - 71-001359
  - 71-001363
- Canada: Ontario: Flack Lake
  - 71-012447
- Canada: Ontario: Gamitagama
  - 71-006442
- Canada: Ontario: George Lake
  - 71-011054
- Canada: Ontario: Hanlon Creek
  - 71-011871
- Canada: Ontario: Horner Lake
  - 71-006469
- Canada: Ontario: Jones Creek
  - 71-007026
- Canada: Ontario: Kawartha Lakes
  - 71-005294
  - 71-007581
- Canada: Ontario: Lac des Mille Lacs
  - 71-012145
- Canada: Ontario: Lake Erie
  - 71-007809
- Canada: Ontario: Lake Huron
  - 71-010648
- Canada: Ontario: Lake Lavieille
  - 71-005627
- Canada: Ontario: Lake Nipissing
  - 71-008297
- Canada: Ontario: Lake of the Woods
  - 71-006102
- Canada: Ontario: Lake Opeongo
  - 71-005627
  - 71-012847
- Canada: Ontario: Lake Opinicon
  - 71-004575
  - 71-006295
  - 71-007025
- Canada: Ontario: Lake Simcoe
  - 71-005805
  - 71-007076
- Canada: Ontario: Lake St. Clair
  - 71-006002
- Canada: Ontario: Little Minnow Lake
  - 71-006912
- Canada: Ontario: Nith River
  - 71-008104
- Canada: Ontario: Nogies Creek
  - 71-005630
- Canada: Ontario: North River
  - 71-007991
- Canada: Ontario: Nottawasaga River
  - 71-009254
- Canada: Ontario: Ottawa River
  - 71-005632
  - 71-006964
  - 71-010340
  - 71-011193
- Canada: Ontario: Pefferlaw River
  - 71-005805
- Canada: Ontario: Powell's Lakes
  - 71-001244
- Canada: Ontario: Quetico Provincial Park
  - 71-007808
- Canada: Ontario: Rainy Lake
  - 71-008314
- Canada: Ontario: Rawson Lake
  - 71-001087
- Canada: Ontario: St. Clair River
  - 71-012690
- Canada: Ontario: St. Lawrence River
  - 71-012710
- Canada: Ontario: Sudbury Region
  - 71-010031
  - 71-010398
- Canada: Ontario: Thames River
  - 71-006348
- Canada: Ontario: Thames River, Middle Branch
  - 71-005394
- Canada: Ontario: West Blue Lake
  - 71-005138
- Canada: Pacific Ocean
  - 71-005991
  - 71-012211
  - 71-012212
- Canada: Prince Edward Island
  - 71-007990
- Canada: Prince Edward Island: North Brook
  - 71-010521
- Canada: Quebec
  - 71-000247
  - 71-005592
  - 71-005720
  - 71-005776
  - 71-006084
  - 71-007053
  - 71-007545
  - 71-007546
  - 71-007825
  - 71-009359
  - 71-009595

...CONTINUED...
- Canada: Quebec
  - 71-009637
  - 71-009884
  - 71-011629
  - 71-012849
  - 71-013483
- Canada: Quebec: Baffin Island
  - 71-008922
- Canada: Quebec: Becs-Scie River
  - 71-006443
- Canada: Quebec: Caniapiscau River
  - 71-006027
  - 71-006659
  - 71-012564
- Canada: Quebec: Gamelin Lake
  - 71-005704
  - 71-007052
- Canada: Quebec: Gatineau Park
  - 71-008174
- Canada: Quebec: Gulf of St. Lawrence
  - 71-001129
  - 71-006450
- Canada: Quebec: La Grande River
  - 71-006948
- Canada: Quebec: Lac Vert
  - 71-007381
- Canada: Quebec: Lake Beauchamp
  - 71-007448
- Canada: Quebec: Lake Croche
  - 71-006144
  - 71-007657
- Canada: Quebec: Lake Gamelin
  - 71-005703
- Canada: Quebec: Lake Memphremagog
  - 71-001166
  - 71-001167
  - 71-001201
  - 71-006057
  - 71-007142
  - 71-008339
- Canada: Quebec: Lake Saint-Louis
  - 71-007080
- Canada: Quebec: Le Grande River
  - 71-010428
- Canada: Quebec: Leaf River
  - 71-005708
- Canada: Quebec: Lower Seal Lake
  - 71-007189
- Canada: Quebec: Magdalen Islands
  - 71-012215
- Canada: Quebec: Matamek
  - 71-006068
- Canada: Quebec: Matamek River
  - 71-005966
  - 71-006069
  - 71-006251
- Canada: Quebec: Port-Cartier-Sept-Iles Park
  - 71-009034
- Canada: Quebec: Radissonie
  - 71-008004
- Canada: Quebec: Schefferville
  - 71-008946
- Canada: Quebec: St. Lawrence River
  - 71-008203
  - 71-009317
- Canada: Saskatchewan
  - 71-001973
  - 71-008205
  - 71-013433
- Canada: Saskatchewan: Fond du Lac River
  - 71-001688
  - 71-005156
- Canada: Saskatchewan: Frenchman River
  - 71-008173
- Canada: Saskatchewan: Hamell Lake
  - 71-010299
- Canada: St. Lawrence River Estuary
  - 71-001143
  - 71-001174
  - 71-007679
- Canada: Yukon
  - 71-000265
  - 71-004548
  - 71-008901
  - 71-013435
- Canada: Yukon Territory
  - 71-004549
  - 71-009814
- Canada: Yukon Territory: Peel River Basin
  - 71-007745
- Canary Islands
  - 71-007827
- Caribbean Area
  - 71-002192
  - 71-004889
  - 71-005255
  - 71-005760
  - 71-005852
  - 71-006218
  - 71-007376
  - 71-007970
  - 71-008538
  - 71-008808
  - 71-009490
  - 71-009534
  - 71-009634
  - 71-013202
- Caribbean Area: Cuba
  - 71-005230
- Caribbean Area: Cuban Shelf
  - 71-003958
- Caribbean Sea
  - 71-001533
  - 71-004296
  - 71-004297
  - 71-004871
  - 71-005362

...CONTINUED...
- Caribbean Sea
  - 71-006047
  - 71-007724
  - 71-007812
  - 71-008519
  - 71-008520
  - 71-008854
  - 71-009978
- Caroline Islands
  - 71-005638
  - 71-006052
- Caspian Sea
  - 71-002617
  - 71-005625
  - 71-005721
  - 71-006029
  - 71-006899
  - 71-007971
  - 71-008255
  - 71-008371
  - 71-008402
  - 71-009621
  - 71-010185
  - 71-010582
- Celtic Sea
  - 71-006714
- Central America
  - 71-001569
  - 71-002845
  - 71-008762
- Ceylon
  - 71-004817
- Chesapeake Bay
  - 71-000040
  - 71-001101
  - 71-001125
  - 71-005287
  - 71-006089
  - 71-006413
  - 71-007310
  - 71-007312
  - 71-008081
  - 71-008713
  - 71-008905
  - 71-009003
  - 71-009572
  - 71-009859
  - 71-009985
  - 71-010090
  - 71-010124
  - 71-010271
  - 71-012752
  - 71-013206
- Chile
  - 71-000169
  - 71-000237
  - 71-007164
  - 71-009555
  - 71-009570
  - 71-009571
  - 71-009575
  - 71-009576
  - 71-009935
  - 71-010452
  - 71-012470
- Chile: Pacific Ocean
  - 71-006502
  - 71-008621
  - 71-009573
  - 71-009596
- Chile: Straits of Magellan
  - 71-010091
- Chile: Tejas Verdes: Maipo River
  - 71-007299
- China
  - 71-000073
- Colombia
  - 71-008000
  - 71-008742
  - 71-008823
  - 71-009530
  - 71-009532
  - 71-009534
  - 71-009535
  - 71-009639
  - 71-009952
- Colombia: Magdalena River
  - 71-009531
- Colombia: Rio Vichada
  - 71-008858
- Colorado
  - 71-001069
  - 71-001091
  - 71-007834
  - 71-007982
  - 71-008225
  - 71-010270
  - 71-010607
  - 71-011826
  - 71-011827
  - 71-012028
  - 71-012188
  - 71-012241
  - 71-012393
  - 71-012424
  - 71-012469
  - 71-012886
  - 71-012991
  - 71-013000
  - 71-013006
  - 71-013032
  - 71-013436
- Colorado River
  - 71-005823
  - 71-007834
  - 71-008043
  - 71-013004

Colorado River Basin
  71-007696
Colorado, Northwestern
  71-013439
Colorado: Boulder Cty.
  71-006184
Colorado: Boulder Cty.: Left-Hand Creek
  71-008334
Colorado: Colorado River
  71-007960
  71-008043
Colorado: Dolores River
  71-007930
Colorado: Frying Pan River
  71-012265
Colorado: Green River
  71-013071
Colorado: Larimer Cty.
  71-012423
Colorado: Larimer Cty.: Boyd Reservoir
  71-012448
Colorado: Larimer Cty.: Parvin Lake
  71-012868
Colorado: North Fork South Platte River
  71-005921
Colorado: North St. Vrain Creek
  71-001286
Colorado: Piceance Creek
  71-001210
  71-007874
  71-010160
Colorado: Pitkin Cty.
  71-011885
Colorado: Road Canyon Reservoir
  71-011964
Colorado: South Platte River
  71-001287
  71-010192
  71-012104
  71-012265
  71-012922
Colorado: St. Vrain River
  71-012986
Colorado: Tenmile Creek
  71-011899
  71-011984
Colorado: Trout Creek
  71-001195
  71-010072
  71-010426
Colorado: Twin Lakes
  71-001084
  71-001228
  71-005618
  71-011946
  71-011980
  71-011981
Colorado: Weld Cty.
  71-006883
Colorado: White River
  71-007777
Colorado: Yampa River
  71-007777
  71-007930
Columbia River
  71-001491
  71-002212
  71-004543
  71-005552
  71-005595
  71-005617
  71-006630
  71-006631
  71-007886
  71-009057
  71-009247
  71-009501
  71-009979
  71-011911
  71-012473
  71-012474
  71-012695
  71-012923
  71-012967
Connecticut
  71-008243
  71-009007
Connecticut: Connecticut River
  71-012945
Connecticut: Fairfield Cty.
  71-009497
Connecticut: Farmington River
  71-012971
Connecticut: Fishers Island Sound
  71-005561
Connecticut: Linsley Pond
  71-010049
Connecticut: Mystic River
  71-001741
Connecticut: Thames River
  71-012955
Coral Sea
  71-006628
Costa Rica
  71-008764
Cuba
  71-005230
  71-005300
Cumberland River System
  71-008048
Curacao
  71-005175
  71-005765
Czechoslovakia
  71-001116
  71-001856
  71-001857
  71-006017
...CONTINUED...
Czechoslovakia
  71-006754
  71-007042
  71-007253
  71-007317
  71-007539
  71-007929
  71-010343
  71-011444
  71-011723
  71-013068
  71-013070
  71-013072
  71-013081
  71-013083
  71-013084
  71-013085
  71-013086
  71-013103
  71-013121
Czechoslovakia: Klicava Reservoir
  71-008400
Czechoslovakia: Rokytna River
  71-007041
Czechoslovakia: Vah Basin
  71-013078
Delaware
  71-008002
  71-008042
Delaware River
  71-006224
  71-010287
Delaware: Canary Creek
  71-003206
Delaware: Delaware Bay
  71-005835
  71-006542
Delaware: Delaware River
  71-008260
Denmark
  71-006051
  71-007390
  71-008376
  71-012014
Denmark: Faeroe Islands
  71-009549
Denmark: Nissum Fjord
  71-005797
East China Sea
  71-007642
Ecuador
  71-005025
  71-008012
  71-008590
  71-008632
Ecuador: Cuenca Basin
  71-001924
El Salvador
  71-000059
  71-000091
  71-000119
  71-000127
  71-000128
  71-000142
  71-000422
England
  71-000635
  71-002136
  71-004852
  71-004853
  71-005169
  71-005535
  71-005728
  71-005941
  71-005969
  71-006271
  71-006303
  71-006910
  71-007206
  71-007402
  71-007458
  71-007543
  71-007635
  71-009321
  71-009403
  71-009537
  71-009624
  71-009649
  71-009734
  71-009769
  71-009804
  71-009944
  71-010119
  71-010121
  71-010316
  71-011837
  71-011838
  71-012048
England: Atlantic Ocean
  71-005717
England: Blelham Tarn
  71-007246
England: Cheshire
  71-005970
England: Cornwall
  71-010434
England: Cow Green Reservoir
  71-011859
  71-011860
England: Devon: Fernworthy Reservoir
  71-009738
England: Dorset: River Piddle
  71-012706
England: Dorset: River Stour
  71-005727
England: English Channel
  71-008211
England: Essex
  71-009597
England: Essex: Brodwell Brook
  71-010641
England: Hudson's Tarn
  71-000025
England: Lancashire: Morecambe Bay
  71-008361
England: Leicestershire: Eye Brook
  71-012223
England: Lower Medway Estuary
  71-007300
England: Medway Estuary
  71-005860
  71-009965
  71-009966
England: Mevagissey Bay
  71-010496
England: River Avon
  71-009737
  71-009904
England: River Eden: Moor House Natl. Fish Preserve
  71-005940
England: River Elle
  71-005904
  71-006580
England: River Lee
  71-009320
England: River Severn
  71-006302
  71-007494
England: River Stour
  71-005729
England: River Wylye
  71-006712
England: Rye Meads
  71-010491
England: Severn Estuary
  71-005479
  71-006167
  71-006597
  71-007132
  71-007133
  71-007648
England: Slapton Ley
  71-007410
  71-008313
England: South Devon: Slapton Ley
  71-009548
England: South Lancashire
  71-007069
England: South Lancashire: Grey Mist Mere
  71-007542
England: St. Austell Bay
  71-010496
England: Thames River
  71-007078
England: Upper Teesdale: Cow Green Reservoir
  71-001186
  71-006843
England: Windermere
  71-002477
  71-005938
  71-005939
  71-006025
  71-006913
  71-006947
  71-006955
  71-007453
  71-007454
  71-007471
  71-007522
  71-008301
  71-009233
  71-009239
  71-009536
England: Yorkshire: Malham Tarn
  71-007411
English Channel
  71-010127
Europe
  71-000066
  71-000609
  71-004636
  71-008269
  71-008582
  71-010485
  71-011652
Europe, Central
  71-008332
Europe: Black Sea
  71-006343
Europe: Boden See
  71-007480
Fiji Islands
  71-008492
Finland
  71-002367
  71-005857
  71-006028
  71-006112
  71-006113
  71-006115
  71-006117
  71-007172
  71-008345
  71-008382
  71-009150
  71-009922
  71-009924
  71-009962
  71-010186
  71-010262
  71-010274
  71-010357
  71-012180
  71-012181

Finland: Atlantic Ocean
71-006118
71-006119
71-006120
71-006726
Finland: Bothnian Bay
71-004261
71-009963
Finland: Gulf of Finland
71-006139
71-006707
71-006708
71-006709
Finland: Lake Iijarvi
71-006556
Finland: Lake Paijanne
71-001266
71-010187
Finland: Oulu River
71-007504
Florida
71-000447
71-000642
71-000998
71-003424
71-004893
71-004965
71-005190
71-005414
71-005488
71-005492
71-005531
71-005532
71-005571
71-005669
71-005670
71-005924
71-005961
71-006024
71-006248
71-006520
71-006593
71-006678
71-006766
71-006801
71-006835
71-006867
71-007231
71-007302
71-007426
71-007703
71-007747
71-007792
71-007799
71-007800
71-007801
71-007802
71-007803
71-007824
71-007870
71-007908
71-008311
71-008420
71-008493
71-008553
71-008589
71-008742
71-008788
71-009024
71-009889
71-009941
71-010220
71-010418
71-010516
71-012086
71-012127
71-012406
71-012494
71-012529
71-013011
71-013228
Florida, Northwest
71-008061
Florida: Apalachee Bay
71-007267
71-010276
Florida: Apalachicola Bay
71-005689
71-007232
71-013135
Florida: Apalachicola Drainage
71-004603
Florida: Apalachicola River
71-001407
71-008289
71-012964
71-012970
Florida: Biscayne Bay
71-005849
71-007304
71-009025
71-009212
Florida: Card Sound
71-010459
Florida: Choctawhatchee River
71-012478
Florida: Crystal River
71-010234
Florida: Dade Cty.
71-005495
71-007927
Florida: Eliott Key
71-005418
Florida: Escambia Bay
71-010495
Florida: Everglades Natl. Park
71-008370
Florida: Florida Keys
71-007746
Florida: Fort Jefferson Natl. Monument
71-006003
Florida: Gulf of Mexico
71-006802
71-007210
71-008804
71-011953
Florida: Hillsborough Bay
71-008126
Florida: Hillsborough River
71-006981
71-013477
Florida: Hutchinson Island
71-007866
Florida: Indian River
71-005371
Florida: Indian River Lagoon
71-005607
Florida: John Pennekamp State Park
71-006003
Florida: Lake Apopka
71-010140
Florida: Lake Baldwin
71-005936
Florida: Lake Conway
71-005052
71-005623
71-006905
71-012856
Florida: Lake Jackson
71-012213
Florida: Lake Okeechobee
71-006752
71-012160
Florida: Lake Tohopekaliga
71-012105
71-012910
71-013125
Florida: Lake Wales
71-007619
Florida: Lido Key
71-011966
Florida: Marco Island
71-007029
Florida: Newport Spring
71-005189
Florida: Ochlockonee River
71-008229
Florida: Okaloosa Cty.
71-007909
Florida: Orange Cty.
71-010525
Florida: Orange Cty.: Lake Conway
71-005624
Florida: Peace River
71-001904
Florida: Pensacola Estuary
71-007798
Florida: St. Andrew Bay
71-008140
71-012221
71-012222
71-012579
71-012595
71-012621
Florida: St. Johns River
71-007766
71-012192
Florida: Tampa Bay
71-006740
71-007211
71-007794
71-008139
71-008184
Florida: Tampa Bay: McKay Bay
71-009876
France
71-000587
71-001331
71-005899
71-005903
71-006878
71-008253
71-009002
71-009881
71-010259
France, Coastal
71-001406
France: Brittany
71-001229
71-001230
France: Furans River
71-010229
France: Lissuraga River
71-007147
France: Nivelle River
71-012936
France: Rhine River
71-010235
France: Rhone River
71-007176
France: River Lot
71-008245
71-010252
France: The Estibere
71-005954
France: Verdon
71-013058
French Polynesia
71-007867
Georgia
71-000043
71-004799
71-006965
71-007265
71-007279
71-008966
...CONTINUED...
Georgia
71-008967
71-009476
71-009582
71-009583
71-010149
71-010412
71-010422
71-011573
71-012168
71-012231
71-012538
71-013018
71-013022
71-013323
Georgia, Coastal
71-001490
Georgia: Apalachicola Drainage
71-004603
Georgia: Atlantic Intracoastal Waterway
71-012083
Georgia: Atlantic Ocean
71-005722
Georgia: Bibb Cty.: Lake Tobesofkee
71-005895
Georgia: Brunswick
71-010148
Georgia: Carroll Cty.: Dog River
71-008046
Georgia: Carroll Cty.: Lake Carroll
71-005297
71-008921
Georgia: Chattahoochee River
71-006214
Georgia: Clark Hill Reservoir
71-013061
Georgia: Colquit Cty.: Ochlocknee River
71-009950
Georgia: Columbus
71-010438
71-011952
Georgia: Coosa River
71-001495
71-008871
Georgia: Doboy Sound
71-005826
Georgia: Farm Ponds
71-012291
Georgia: Lake Blackshear
71-007169
Georgia: Lake Carroll
71-009593
Georgia: Lake Laurel
71-013009
Georgia: Lake Seminole
71-013104
Georgia: Lake Sidney Lanier
71-010334
Georgia: Lumpkin Cty.: Waters Creek
71-012247
Georgia: Ochlockonee River
71-008229
Georgia: Okefenokee Swamp
71-005604
71-010105
Georgia: Ossabaw Sound
71-012612
Georgia: Par Lake
71-007282
Georgia: Roaring Branch Creek
71-012073
Georgia: Sapelo Island
71-009886
71-009887
Georgia: Satilla River
71-005817
71-006838
71-006973
71-006974
71-011876
Georgia: Savannah River
71-006608
71-011948
71-012007
Georgia: Savannah River Estuary
71-011908
Georgia: Suches
71-010379
Georgia: Suwannee River
71-005604
Georgia: West Point Reservoir
71-006015
71-006549
71-007617
71-007646
71-007647
71-008364
71-013115
Ghana
71-005701
Ghana: Lake Bosumtwi
71-005878
Great Lakes
71-001086
71-001146
71-001247
71-001252
71-001389
71-003383
71-004085
71-005557
71-006000
71-006101
71-006528
71-007257
71-008413
71-008485
71-009206
71-009810

...CONTINUED...
Great Lakes
71-009933
71-010036
71-010215
71-010248
71-010450
71-010458
71-012295
71-012300
71-012687
71-012690
71-012830
71-012851
71-012861
71-012864
71-012873
71-012892
71-012909
71-012911
Greece
71-000051
71-007651
71-008937
Greece: Gulf of Athens
71-009005
Greece: Lake Aghios Vasilios
71-006448
71-007575
Greece: Lake Volvi
71-005780
Greece: Rhodes
71-008692
Greece: Saronikos Gulf
71-007020
71-008107
71-010407
Greece: Vistonis Lake
71-007650
Greenland
71-010041
Guam
71-005346
71-006484
71-007146
71-007967
71-010218
Guam: Pacific Ocean
71-008654
Guam: Tumon Bay
71-004902
Guatemala
71-008172
71-010381
Gulf of Aden
71-005470
71-005565
71-008296
71-008699
Gulf of Aqaba
71-008131
Gulf of California
71-005400
71-007101
71-007719
71-007872
71-008998
71-013205
Gulf of Mexico
71-000465
71-001558
71-001608
71-001801
71-001971
71-003567
71-004850
71-005654
71-005710
71-005751
71-005767
71-005810
71-005989
71-005990
71-006124
71-006149
71-006263
71-006519
71-006614
71-006689
71-006802
71-006975
71-007208
71-007210
71-007369
71-007706
71-007752
71-007787
71-007909
71-007936
71-007970
71-008045
71-008204
71-008210
71-008311
71-008548
71-008553
71-008580
71-008616
71-008655
71-008855
71-009244
71-009490
71-009612
71-009641
71-009687
71-009809
71-009839
71-009853
71-009921
71-009993

...CONTINUED...
Gulf of Mexico
71-009995
71-010028
71-010144
71-010170
71-010202
71-010250
71-010285
71-010386
71-010448
71-011910
71-011953
71-012000
71-012019
71-012076
71-012140
71-012141
71-012195
71-012203
71-012221
71-012222
71-012226
71-012595
71-012621
71-013134
71-013220
71-013245
71-013251
71-013317
Gulf of Mexico: Buccaneer Oil Field
71-010304
Gulf of Mexico: Campeche Bank
71-008180
Gulf of Mexico: Galveston Bay
71-009722
Gulf of Oman
71-007185
Gulf of Thailand
71-007622
Guyana
71-005093
Hawaii
71-000104
71-000654
71-004798
71-005217
71-005530
71-005723
71-006369
71-006389
71-006407
71-006800
71-007071
71-007636
71-007761
71-008035
71-008594
71-008677
71-010237
71-011364
71-011954
71-012039
71-012047
71-012092
71-012230
71-013234
71-013321
Hawaii: Honolulu
71-010297
Hawaii: Kaneohe Bay
71-005180
71-006380
71-007589
Hawaii: Oahu
71-010384
Hawaii: Pacific Ocean
71-001405
71-006598
71-006830
71-007085
71-007588
71-011365
71-013322
Hispaniola
71-008759
Hong Kong
71-002837
71-007699
71-009744
71-010499
Hong Kong: Plover Cove Reservoir
71-007087
71-013088
Hudson Bay
71-012059
Hungary
71-010150
Hungary: Lake Balaton
71-008305
71-012837
Iceland
71-012253
Iceland: Lake Myvatn
71-001068
71-006748
Iceland: River Laxa
71-001068
Idaho
71-001478
71-005065
71-006586
71-008401
71-009749
71-009910
71-011668
71-011720
71-011840

...CONTINUED...
Idaho
71-012029
71-012239
71-012387
71-012978
Idaho: Bear Lake
71-005832
71-008861
Idaho: Blackfoot River
71-010370
Idaho: Clearwater River
71-001764
71-005199
71-008040
71-009911
71-012269
Idaho: Columbia River
71-012967
Idaho: Dworshak Reservoir
71-001062
71-008259
Idaho: Emerald Creed
71-001233
Idaho: Henry's Lake
71-004767
Idaho: Lemhi River
71-005920
Idaho: Lewis Cty.: Winchester Lake
71-013030
Idaho: Palouse River
71-008041
Idaho: Panther Creek
71-010372
Idaho: Salmon River
71-006463
Idaho: Sand Spring Creek
71-012927
Idaho: Silver Creek
71-007852
Idaho: Snake River
71-005542
71-010033
71-010356
71-012670
Idaho: South Fork Salmon River
71-006462
71-008403
71-010371
71-012976
71-012977
Idaho: St. Joe River
71-012920
71-012992
Idaho: Teton Cty.: Teton River
71-007162
Illinois
71-000023
71-004744
71-005188
71-007771
71-007934
71-008241
71-008797
71-009554
71-009715
71-010303
71-010392
71-010488
71-011893
71-011912
Illinois: Alton: Mississippi River
71-008242
Illinois: Big Creek
71-005779
Illinois: Big Rock Creek
71-006213
Illinois: Clear Creek
71-008053
Illinois: Cook Cty.: Joe's Pond
71-006098
Illinois: Crab Orchard Lake
71-009716
Illinois: Fox River
71-010477
Illinois: Hardin Cty.: Big Creek
71-008170
Illinois: Illinois River
71-008212
Illinois: Iroquois River
71-006839
Illinois: Johnson Cty.: Max Creek
71-005513
71-005514
Illinois: Kane Cty.: Elgin: Trout Park Nat. Preserve
71-008254
Illinois: Lake Shelbyville
71-006720
Illinois: Madison Cty.: Cahokia Creek Diversion Channel
71-001611
Illinois: Marion Cty.
71-013012
Illinois: Mississippi River
71-008212
Illinois: South Fork Saline River
71-010394
Illinois: Williamson Cty.: Lake of Egyp
71-012411
Illinois: Wolf Lake
71-005515
India
71-000032
71-000070
71-000099
71-000100
71-000101

...CONTINUED...
India
71-000102
71-000132
71-000145
71-000255
71-000315
71-000338
71-000339
71-000340
71-000341
71-000363
71-000366
71-000370
71-000371
71-000372
71-000406
71-000407
71-000409
71-000411
71-000416
71-000417
71-000436
71-000437
71-000453
71-000454
71-000475
71-000476
71-000497
71-000498
71-000514
71-000621
71-000637
71-000749
71-001078
71-001235
71-001426
71-001898
71-004817
71-005553
71-005698
71-005781
71-005785
71-005947
71-006198
71-007000
71-007144
71-007226
71-007499
71-007561
71-007564
71-007644
71-007655
71-007784
71-007950
71-008088
71-008144
71-008779
71-008805
71-008996
71-009001
71-009237
71-009306
71-009327
71-009659
71-009660
71-009661
71-009662
71-009778
71-009779
71-009827
71-009829
71-009918
71-009934
71-010007
71-010216
71-010399
71-010523
71-010754
71-011614
71-012418
71-012651
71-012658
71-012661
71-012882
71-013057
71-013111
India: Aligarh
71-000410
India: Allahabad
71-005525
India: Bay of Bengal
71-008777
India: Bhakra Reservoir
71-007734
India: Chilka Lake
71-005784
71-006020
71-006362
India: Cochin Backwater
71-006679
India: Dal Lake
71-006134
India: Ganga River
71-000405
71-012606
India: Godavary Estuary
71-013315
India: Govindgarh Lake
71-013091
India: Gulf of Mannar
71-001703
India: Himalayas
71-000240
India: Hooghly Estuary
71-006197
71-007529
71-007714
India: Hooghly-Matlah Estuary
71-005945
India: Indian Ocean
71-005500
71-008188
India: Kulgarhi Reservoir
71-007511
India: Lake Pichhola
71-010515
India: Lake Pulicat
71-005796
India: Loni Reservoir
71-005783
India: Mahanadi Estuary
71-012804
India: Moplah Bay
71-008780
India: Narmada River
71-005560
71-006344
India: Pulicat Lake
71-006086
71-006693
71-008143
India: River Cauvery
71-009953
India: River Ganges
71-006244
India: River Godavari
71-007477
71-007590
India: River Kali
71-006824
India: Sarda Sagar Reservoir
71-013095
India: Tungabhadra Reservoir
71-005499
71-006848
India: Veli Lake
71-006521
India: Yamuna River
71-013002
Indian Ocean
71-001647
71-001703
71-001821
71-002038
71-002766
71-004922
71-005290
71-005422
71-005500
71-005564
71-005567
71-005568
71-005622
71-005766
71-005824
71-005829
71-005830
71-005944
71-006021
71-006103
71-006126
71-006298
71-006378
71-006395
71-006437
71-006471
71-006868
71-006936
71-007005
71-007081
71-007124
71-007234
71-007254
71-007339
71-007499
71-007533
71-007552
71-007564
71-007591
71-007658
71-007725
71-007839
71-007862
71-007863
71-007873
71-007889
71-007890
71-007964
71-007977
71-007979
71-007994
71-008020
71-008087
71-008138
71-008142
71-008144
71-008188
71-008191
71-008199
71-008213
71-008214
71-008232
71-008251
71-008252
71-008284
71-008461
71-008487
71-008540
71-008556
71-008557
71-008648
71-008685
71-008701
71-008702
...CONTINUED...
Indian Ocean
71-008705
71-008749
71-008755
71-008780
71-008783
71-008819
71-008820
71-008821
71-008875
71-008879
71-008880
71-009503
71-009529
71-009645
71-009742
71-009863
71-009875
71-009955
71-010162
71-010251
71-010380
71-010464
71-012152
71-012204
71-013175
71-013188
71-013191
71-013195
71-013198
71-013199
71-013203
71-013233
71-013284
71-013324
Indian Ocean: Bay of Bengal
71-005828
71-008777
71-009473
Indian Ocean: Gulf of Aden
71-005569
Indian Ocean: Kathiawar Peninsula
71-007432
Indian Ocean: Kerguelen Islands
71-006352
Indian Ocean: South Africa
71-007945
71-008838
Indian Ocean: South Moluccan Sea
71-007112
Indiana
71-000022
71-000402
71-009363
71-010025
71-010146
71-010295
71-011931
Indiana: Benton Cty.: Big Pine Creek
71-011870
Indiana: Carroll Cty.: Deer Ck.
71-006239
Indiana: La Porte Cty.
71-008239
Indiana: Little Center Lake
71-010035
Indiana: Michigan City
71-010108
Indiana: Mississinewa River
71-010501
71-010502
Indiana: Palestine Lake
71-010228
71-010486
Indiana: Pike Cty.: White River
71-006492
71-007610
Indiana: Posey Cty.
71-008106
Indiana: Spring Mill State Park
71-009731
Indiana: Sullivan Cty.
71-007958
Indiana: Tippecanoe Cty.
71-007811
Indiana: Vigo Cty.
71-007320
Indiana: Wabash River
71-010435
Indiana: Washington Cty.: Blue River
71-008054
Indiana: White River
71-007337
71-008028
71-009981
71-010409
Indiana: White River: Petersburg
71-010489
Indonesia
71-000046
71-000463
71-000477
71-000502
71-000553
71-000617
71-000625
71-000639
71-008031
71-008095
71-010765
71-012588
Indonesia: Banda Sea
71-008612
Indonesia: Rawa Pening Lake
71-007082
71-007104
71-007123
71-007278
71-007414

...CONTINUED...
Indonesia: Rawa Pening Lake
71-007415
71-008957
71-012130
71-012840
71-012841
Iowa
71-008176
71-009334
71-009335
71-009987
71-011879
71-011890
71-011891
71-012116
71-012118
71-013099
Iowa: Big Creek Lake
71-007166
Iowa: Clear Lake
71-006810
71-012391
Iowa: Des Moines River
71-009498
71-010204
71-010267
71-010661
71-012119
Iowa: Lake LaVerne
71-013015
Iowa: Lake Rathbun
71-013092
Iowa: Mahaska Cty.
71-010320
Iowa: Maquoketa River
71-008108
Iowa: Marion Cty.
71-010320
Iowa: Perry Creek
71-005735
Iowa: Red Haw Lake
71-000028
Iowa: Story Cty.
71-006735
Iowa: Story Cty.: Ames
71-009493
Iowa: Story Cty.: McFarland Lake
71-007654
Iowa: Upper Iowa River
71-012208
Iran
71-007790
71-008178
71-008609
71-008992
71-010184
Iraq
71-005469
71-006753
Ireland
71-006565
71-007332
71-008342
Ireland: Galway Bay
71-007850
Irish Republic
71-000185
71-006565
71-007843
71-008268
Israel
71-000134
71-000311
71-000348
71-000386
71-000449
71-000478
71-000480
71-000513
71-000526
71-000527
71-000551
71-000630
71-000898
71-002433
71-007252
71-007726
71-009004
71-009632
71-009633
71-009914
71-010395
71-011732
71-011851
71-012206
71-012650
71-012659
71-012662
Israel: Bardarwil Lagoon
71-011875
Israel: Lake Kinneret
71-001089
71-001126
71-006023
71-006087
71-006934
71-007249
71-007250
71-007251
71-007615
71-007786
71-008511
71-012893
71-012894
Italy
71-000335
71-000550
71-000569

...CONTINUED...
Italy
71-000748
71-006928
71-007602
71-007751
71-008939
71-008940
71-009094
71-009095
71-009648
71-010055
71-010103
71-011237
Italy: Lago di Candia
71-010517
Italy: Lago Trasimeno
71-007750
Italy: Lake Maggiore
71-001309
71-007749
71-008944
Italy: Ligurian Sea
71-010077
Italy: Po River
71-000325
71-009812
Ivory Coast
71-009623
Ivory Coast: Lake Kossou
71-005668
Jamaica
71-000141
71-005105
71-005107
71-005108
71-006228
71-007343
71-009913
Jamaica: Discovery Bay
71-005451
Japan
71-000047
71-000093
71-000094
71-000117
71-000136
71-000211
71-000212
71-000234
71-000237
71-000295
71-000561
71-000578
71-000584
71-000585
71-000606
71-000608
71-000611
71-000656
71-000657
71-001641
71-002942
71-003956
71-004665
71-004669
71-004670
71-004740
71-004784
71-004816
71-005110
71-005121
71-005228
71-005409
71-005410
71-005615
71-005688
71-005696
71-005981
71-006007
71-006018
71-006041
71-006665
71-006681
71-006722
71-006728
71-007224
71-007297
71-007506
71-007507
71-008071
71-008090
71-008233
71-008287
71-008826
71-008975
71-009012
71-009117
71-009134
71-009135
71-009140
71-009168
71-009352
71-009454
71-009455
71-009712
71-009815
71-009841
71-009843
71-009844
71-009846
71-010003
71-010240
71-010241
71-010249
71-010460
71-010463
71-012041

...CONTINUED...
Japan
71-012042
71-012410
71-012417
71-012544
71-013261
71-013275
71-013305
Japan: Atsuta River
71-007637
Japan: Chitose River
71-006408
71-006409
Japan: Funka Bay
71-007079
Japan: Hakodate Bay
71-010005
Japan: Hokkaido
71-007884
Japan: Hokkaido: Atsuta River
71-007984
Japan: Honmura Bay
71-005054
71-007898
Japan: Ise Bay
71-007223
Japan: Jinzu River
71-010508
Japan: Lake Biwa
71-006435
Japan: Lake Ikeda
71-005974
Japan: Lake Notoro
71-001658
Japan: Lake Shikotsu
71-007103
Japan: Mena River
71-006967
Japan: Mera Bay
71-000667
Japan: Nagara River
71-001679
Japan: Nishittappu River
71-001612
Japan: Okhotsk Sea
71-008234
Japan: Pacific Ocean
71-005981
Japan: Sea of Japan
71-007036
Japan: Sendai Bay
71-005771
71-006682
71-006730
Japan: Seto Inland Sea
71-000592
71-010210
Japan: Shibetsu River
71-012441
Japan: Suruga Bay
71-001694
71-005846
71-007463
71-007464
Japan: Tokachi River
71-005673
71-007016
71-007017
Japan: Tokyo Bay
71-010311
Japan: Tsubusa River
71-006729
Japan: Utabetsu River
71-006648
Japan: Yahagi River
71-001677
Japan: Yurappu River
71-006355
Kansas
71-007479
71-008512
71-010518
71-011937
71-013031
Kansas: Doniphan Cty.: Wolf River
71-007789
Kansas: Greenwood Cty.: Hamilton Quarry
71-008887
Kansas: Johnson Cty.
71-010875
Kansas: Kansas River
71-001368
Kansas: La Cygne Lake
71-013116
Kansas: Neosho River
71-005233
Kansas: Pottawatomie Cty.: Lost Creek
71-011936
Kansas: Short Creek
71-010211
Kentucky
71-000387
71-005518
71-005590
71-007338
71-007758
71-007767
71-007856
71-008064
71-008201
71-008716
71-009318
71-009475
71-009838
71-012999
Kentucky: Barkley Lake
71-006817
71-007451

Kentucky: Big Muddy Creek
71-011940
Kentucky: Calloway Cty.: Russells Chapel Spring
71-008145
Kentucky: Cumberland River
71-008810
Kentucky: Daniel Boone Natl. Forest
71-007757
Kentucky: Fayette Cty.: Steeles Run
71-006122
Kentucky: Ferguson Creek
71-005777
Kentucky: Goose Creek
71-002058
71-005876
Kentucky: Herrington Lake
71-012379
Kentucky: Jefferson Cty.: Goose Creek
71-012107
Kentucky: Kentucky Lake
71-006603
71-006817
71-007451
Kentucky: Kentucky River
71-008280
71-008928
71-009584
71-009585
71-010266
71-010377
Kentucky: Lake Cumberland
71-013049
Kentucky: Lake Wilgreen
71-008953
Kentucky: Madison Cty.: Silver Creek
71-007668
Kentucky: Meade Cty.: Doe Run
71-007595
Kentucky: Ohio River
71-006148
71-006829
Kentucky: Oldham Cty.: South Fork Harrods Creek
71-007088
Kentucky: Rough River Lake
71-005655
71-005656
71-005682
Kentucky: Shelby Cty.: Brashears Creek
71-005482
Kentucky: Spencer Cty.: Brashears Creek
71-005482
Kentucky: Trimble Cty.: Barebone Creek
71-001985
Kentucky: Trimble Cty.: Ohio River
71-007173
Kentucky: Warren Cty.: Ivy Creek
71-005825
71-006503
Kenya
71-006777
Kenya: Lake Kamburu
71-005942
Kenya: Lake Naivasha
71-001232
71-006511
71-009783
71-012900
71-012901
Kenya: Lake Nakuru
71-006737
Kenya: Lake Rudolf
71-012834
Kenya: Lake Victoria
71-005803
71-012835
71-012877
71-012878
Kenya: Nzoia River
71-012915
Lake Erie
71-001055
71-001056
71-001092
71-001120
71-001122
71-001123
71-001136
71-001137
71-001138
71-001139
71-001141
71-001152
71-001154
71-001155
71-001164
71-001178
71-001183
71-001184
71-001315
71-001327
71-001334
71-001346
71-001356
71-001645
71-002117
71-005152
71-005307
71-006062
71-006108
71-006109
71-006599
71-006745
71-006951
71-007347
71-007513

...CONTINUED...
Lake Erie
71-007547
71-007670
71-007809
71-007838
71-008077
71-008272
71-008903
71-009263
71-009353
71-009491
71-009589
71-009781
71-009938
71-010231
71-010387
71-010388
71-010445
71-010573
71-012087
71-012390
71-012677
71-012838
71-012853
71-012876
Lake Erie: Long Point Bay
71-006535
71-012090
Lake Erie: Nanticoke
71-010309
Lake Huron
71-006127
71-008423
71-008925
71-009502
71-009956
71-009958
71-010022
71-010648
71-012465
71-012497
71-012862
71-012898
Lake Huron: Douglas Point
71-010309
Lake Huron: Douglas Point Generating Station
71-012688
Lake Huron: Saginaw Bay
71-008333
Lake Michigan
71-001212
71-001246
71-001303
71-001311
71-001314
71-002361
71-002995
71-004101
71-004110
71-004653
71-005117
71-005263
71-005368
71-005369
71-005370
71-005388
71-005476
71-005507
71-005508
71-005639
71-006153
71-006233
71-006234
71-006235
71-006257
71-006269
71-006313
71-006496
71-006844
71-006903
71-006904
71-007001
71-007003
71-007201
71-007331
71-008239
71-008320
71-008891
71-009478
71-009480
71-009690
71-010108
71-010507
71-010910
71-010911
71-012216
71-012219
71-012705
71-012859
71-012862
71-012889
71-013403
71-013491
Lake Michigan: Green Bay
71-006915
Lake Michigan: Point Beach Nuclear Plant
71-006697
Lake Ontario
71-001085
71-001171
71-001326
71-001354
71-006721
71-007009
71-007011
71-007669

...CONTINUED...
Lake Ontario
71-007671
71-007807
71-009761
71-010153
71-010171
71-010221
71-010322
71-010906
71-011192
71-012178
71-012821
71-012838
71-012895
Lake Ontario: Bay of Quinte
71-008357
Lake St. Clair
71-010450
Lake Superior
71-001415
71-004318
71-005995
71-006099
71-006374
71-006561
71-006741
71-007225
71-007271
71-007386
71-007910
71-008425
71-008431
71-010021
71-010244
71-010245
71-010346
71-010474
71-012471
71-012862
71-012874
Lake Superior: Nipigon Bay
71-010047
71-010048
71-010141
71-010217
71-010222
71-010232
71-010263
71-010264
71-010308
71-010313
71-010373
71-010393
71-010404
71-010470
Lake Tanganyika
71-005529
71-005579
Lake Victoria
71-012835
Liberia
71-005786
Ligurian Sea
71-010093
Louisiana
71-000293
71-000629
71-004689
71-004690
71-005539
71-005905
71-006625
71-006699
71-006747
71-006906
71-007482
71-007524
71-007620
71-007683
71-007891
71-007893
71-008118
71-008119
71-008210
71-008222
71-008527
71-008863
71-009538
71-009866
71-010170
71-011857
71-011910
71-012360
71-012534
Louisiana: Atchafalaya River
71-007795
Louisiana: Bayou Sara
71-006963
Louisiana: Caminada Bay
71-008079
Louisiana: Chenier Plain Coastal Area
71-007881
71-007882
71-007883
Louisiana: Gulf of Mexico
71-001149
Louisiana: Lafourche Parish
71-001260
Louisiana: Lake Pontchartrain
71-006859
Louisiana: Lower Mississippi Basin
71-007795
Louisiana: Pearl River
71-007397
71-010045
Louisiana: Rockefeller Wildlife Refuge
71-006082
71-006457
Louisiana: Toledo Bend
71-006656

- Madagascar
  - 71-007560
- Maine
  - 71-004578
  - 71-005095
  - 71-006674
  - 71-008657
  - 71-009189
  - 71-009191
  - 71-009192
  - 71-009459
  - 71-010094
  - 71-011766
- Maine: Atlantic Ocean
  - 71-008326
- Maine: Eagle Lake
  - 71-012166
- Maine: Floods Pond
  - 71-005683
  - 71-006673
- Maine: Gulf of Maine
  - 71-005744
- Maine: Hancock Cty.: Giles Pond
  - 71-012347
- Maine: Penobscot River
  - 71-006466
  - 71-006616
  - 71-012345
  - 71-012930
- Maine: Penobscot River Estuary
  - 71-006615
  - 71-006655
  - 71-006672
- Maine: Piscataquis Cty.: Big Bennett Pond
  - 71-013043
- Maine: Searsport
  - 71-010296
- Maine: Sebago Lake
  - 71-012845
- Malagasi Republic: Lake Aloatra
  - 71-007559
- Malawi: Lake Malawi
  - 71-000537
  - 71-005089
  - 71-005496
  - 71-007653
  - 71-008807
- Malawi: Shire Valley
  - 71-005882
- Malaya
  - 71-006498
- Malaysia
  - 71-000918
  - 71-005533
  - 71-008979
  - 71-010425
- Marshall Islands
  - 71-005272
  - 71-006977
  - 71-009928
- Maryland
  - 71-007853
  - 71-008002
  - 71-010284
  - 71-013161
- Maryland: Baltimore Harbor
  - 71-011473
- Maryland: Conococheague Creek
  - 71-008036
- Maryland: Patuxent River
  - 71-000037
- Maryland: Wicomico Cty.: Wicomico River
  - 71-009354
- Massachusetts
  - 71-001182
  - 71-005993
  - 71-007061
  - 71-007904
  - 71-010087
  - 71-010402
  - 71-011989
  - 71-012169
  - 71-013033
  - 71-013475
- Massachusetts: Acushnet River
  - 71-005087
- Massachusetts: Beverly-Salem Harbor
  - 71-007954
- Massachusetts: Boston Harbor
  - 71-013227
- Massachusetts: Buzzards Bay
  - 71-010177
  - 71-010401
  - 71-010454
- Massachusetts: Cape Cod
  - 71-004751
  - 71-007844
- Massachusetts: Congamond Lake
  - 71-006662
- Massachusetts: Connecticut River
  - 71-001999
  - 71-005850
  - 71-006345
  - 71-006537
  - 71-006869
  - 71-012689
- Massachusetts: Connecticut River: Holyoke Dam
  - 71-012703
- Massachusetts: Dartmouth
  - 71-007926
- Massachusetts: Mill River
  - 71-006480
- Massachusetts: Parker River
  - 71-006032
- Massachusetts: Parker River Estuary
  - 71-006054
- Massachusetts: Pleasant Bay
  - 71-007846
- Massachusetts: Quabbin Reservoir
  - 71-013107
- Massachusetts: Slocum River Estuary
  - 71-006884
- Mediterranean Area
  - 71-001861
  - 71-010077
  - 71-010139
  - 71-011839
- Mediterranean Area: Aegean Sea
  - 71-010345
- Mediterranean Sea
  - 71-001860
  - 71-004002
  - 71-005081
  - 71-006568
  - 71-007373
  - 71-007383
  - 71-007726
  - 71-008152
  - 71-008878
  - 71-009633
  - 71-010016
  - 71-010029
  - 71-010071
  - 71-010093
  - 71-010395
  - 71-010406
  - 71-011828
  - 71-012487
  - 71-012492
  - 71-013168
  - 71-013182
  - 71-013186
- Mexico
  - 71-001451
  - 71-004554
  - 71-004643
  - 71-005750
  - 71-006149
  - 71-008470
  - 71-008471
  - 71-008567
  - 71-008627
  - 71-008792
  - 71-009551
  - 71-009552
  - 71-009682
  - 71-009971
  - 71-013244
  - 71-013255
  - 71-013287
- Mexico: Baja California
  - 71-008851
  - 71-012135
  - 71-013304
- Mexico: Baja California: Pacific Ocean
  - 71-007847
- Mexico: Chihuahua
  - 71-008791
- Mexico: Chihuahuan Desert
  - 71-008696
- Mexico: Colima: Rio Armeria
  - 71-007804
- Mexico: Gulf of California
  - 71-005223
  - 71-005400
  - 71-005930
  - 71-006038
  - 71-006039
  - 71-006040
  - 71-006546
  - 71-007101
  - 71-007125
  - 71-007128
  - 71-007129
  - 71-007200
  - 71-007719
  - 71-007872
  - 71-008622
  - 71-013205
- Mexico: Jalisco: Rio Grande de Santiago
  - 71-007770
- Mexico: Nuevo Leon: El Potosi
  - 71-008419
- Mexico: Pacific Ocean
  - 71-007697
  - 71-008482
- Mexico: Rio Grande Basin
  - 71-008528
- Mexico: Rio Grande River
  - 71-008628
- Mexico: Rio Mayo
  - 71-008065
- Mexico: Rio Panuco
  - 71-008630
- Mexico: Rio Teuchitlan
  - 71-008643
- Mexico: Rio Verde
  - 71-008529
- Mexico: Rio Yaqui
  - 71-007913
  - 71-008065
- Mexico: Sonora
  - 71-008073
- Mexico: Sonora: Presa de Novillo Reservoir
  - 71-009767
- Mexico: Tamaulipas
  - 71-006205
- Mexico: Tamesi-Panuco Basin
  - 71-008629
- Mexico: Vera Cruz
  - 71-008689
- Mexico: Yucatan
  - 71-008278
- Michigan
  - 71-001242

...CONTINUED...

- Michigan
  - 71-001243
  - 71-001245
  - 71-005167
  - 71-005446
  - 71-006129
  - 71-006944
  - 71-006962
  - 71-007314
  - 71-008331
  - 71-009208
  - 71-009719
  - 71-010302
  - 71-010347
  - 71-011905
  - 71-012408
  - 71-012799
  - 71-012887
  - 71-012897
  - 71-013013
  - 71-013013
  - 71-013485
- Michigan: Au Sable River
  - 71-008407
  - 71-012913
- Michigan: Barry Cty.: Daggett Lake
  - 71-012383
- Michigan: Barry Cty.: Lawrence Lake
  - 71-006626
- Michigan: Barry Cty.: Long Lake
  - 71-012382
- Michigan: Chippewa Cty.: Soldiers Lake
  - 71-007584
- Michigan: Elm River
  - 71-001272
- Michigan: Gogebic Cty.
  - 71-012242
- Michigan: Grand Traverse Cty.
  - 71-010012
- Michigan: Huron River
  - 71-012299
- Michigan: Kalamazoo Cty.: Wintergreen Lake
  - 71-010290
- Michigan: Katherine Lake
  - 71-005933
- Michigan: Lake Gogebic
  - 71-006100
- Michigan: Lake St. Clair
  - 71-006002
  - 71-011022
- Michigan: Lake Superior
  - 71-012471
- Michigan: Lawrence Lake
  - 71-007345
- Michigan: Ludington Pumped Storage Powe Plant
  - 71-012705
- Michigan: Manistee Lake
  - 71-012562
- Michigan: Marquette
  - 71-011216
- Michigan: Marquette Cty.: Big Garlic River
  - 71-001749
  - 71-006666
- Michigan: Marquette Cty: Big Garlic Riv
  - 71-005726
- Michigan: Mecosta Cty.
  - 71-011595
- Michigan: North Branch Au Sable River
  - 71-006756
- Michigan: Ocqueoc River
  - 71-001750
- Michigan: Ogemaw Cty.: Jewett Lake
  - 71-012459
- Michigan: Otsego Cty.: Club Stream
  - 71-001227
- Michigan: Pigeon River
  - 71-001226
- Michigan: Platte River
  - 71-006536
- Michigan: Roscommon Cty.
  - 71-007110
- Michigan: Saline River Tributary
  - 71-010771
- Michigan: Spring Brook
  - 71-005562
- Michigan: Torch Lake
  - 71-010278
- Michigan: Washtenaw Cty.
  - 71-007212
- Michigan: Washtenaw Cty.: Fleming Cree
  - 71-009626
- Minnesota
  - 71-001236
  - 71-004735
  - 71-005841
  - 71-007692
  - 71-008359
  - 71-008931
  - 71-011994
  - 71-011997
  - 71-012257
  - 71-012431
  - 71-012865
  - 71-012871
- Minnesota: Cannon River
  - 71-005580
- Minnesota: Cass Cty.: Mabel Lake
  - 71-012863
- Minnesota: Lake Bemidji
  - 71-006635
- Minnesota: Lake of the Woods
  - 71-006102
  - 71-007271
  - 71-008433
- Minnesota: Mary Lake
  - 71-006741

...CONTINUED...
Minnesota: Mary Lake
71-006742
Minnesota: Meeker Cty.: Lake Erie
71-012290
Minnesota: Minnesota River
71-005573
71-008274
Minnesota: Mississippi River
71-002498
Minnesota: Rainy Lake
71-008314
Minnesota: Red Lakes
71-006125
Minnesota: Scott Cty.: Carls Lake
71-012832
Minnesota: Shagawa Lake
71-007271
Minnesota: Voyageurs Natl. Park
71-012146
Minnesota: Wilson Lake
71-012297
Minnesota: Wright Cty.: Lake Mary
71-012290
Mississippi
71-000241
71-000291
71-000852
71-009277
Mississippi River
71-005813
71-012939
Mississippi River Basin
71-007768
71-007894
71-007896
71-008465
Mississippi River Basin, Central
71-008798
Mississippi: Grenada Reservoir
71-001196
71-001197
Mississippi: Gulf of Mexico
71-009809
Mississippi: Hancock Cty.: Catahoula Creek
71-005646
Mississippi: Hancock Cty.: Jourdan River
71-006970
71-007396
Mississippi: Horn Island
71-008078
Mississippi: Lake Okatibbee
71-011932
Mississippi: Luxapalila River
71-011863
Mississippi: Pearl River
71-007397
71-010045
Mississippi: Pearl River Cty.: Jourdan River
71-006970
Mississippi: Pickwick Reservoir
71-005097
71-006985
71-007491
Mississippi: Strong River
71-007780
Mississippi: Tombigbee River
71-004544
Missouri
71-001031
71-005992
71-006363
71-007934
71-008047
71-008125
71-008405
71-008503
71-009740
71-009942
71-011735
71-012953
71-013029
Missouri River
71-001249
71-005753
71-007486
71-009901
71-011972
71-012065
71-012158
71-012983
Missouri River Basin
71-007805
71-013118
Missouri River Basin Reservoirs
71-013119
Missouri River Basin, Upper
71-007959
Missouri River Basin: Montana
71-012972
Missouri, Northern
71-012401
Missouri, Northwestern
71-008074
Missouri: Bennett Spring
71-012260
Missouri: Big Buffalo Creek
71-012984
Missouri: Big River
71-001616
71-008067
Missouri: Black River
71-012949
Missouri: Bull Shoals Reservoir
71-008294
Missouri: Cane Creek
71-008288
Missouri: Cedar Creek
71-010348
Missouri: Courtois Creek
71-005956
71-008399
71-012156
71-012946
71-012947
Missouri: Elk River
71-001060
Missouri: Forrest Lake
71-005987
Missouri: Greene Cty.: James River
71-005608
Missouri: James River
71-001060
Missouri: Lake of the Ozarks
71-011894
71-012164
71-013064
Missouri: Lake Taneycomo
71-012280
Missouri: Middle Fabius River
71-011963
Missouri: Mississippi River
71-012939
Missouri: Missouri River
71-011929
71-012983
Missouri: Osage River Basin
71-005790
Missouri: Pomme de Terre Lake
71-012381
71-013064
Missouri: Pony Express Lake
71-012262
Missouri: Spring River
71-001060
Missouri: Thomas Hill Reservoir
71-000345
71-012163
Montana
71-004761
71-006391
71-007931
71-008600
71-008886
71-009932
71-010362
71-011699
71-012032
71-012917
71-013473
Montana, Southeastern
71-007837
Montana: Big Spring Creek
71-011867
Montana: Canyon Ferry Reservoir
71-001079
Montana: Colstrip
71-010378
Montana: East Gallatin River
71-002936
Montana: Flathead Lake
71-001064
71-001333
Montana: Gallatin River
71-012278
Montana: Kootenai River
71-007689
Montana: Madison River
71-012278
71-012994
71-013089
Montana: Missouri River Basin
71-012972
Montana: Prickly Pear Creek
71-012115
Montana: Rosebud Creek
71-010125
71-011869
Montana: St. Regis River
71-011995
Montana: Tongue River
71-010363
71-011943
71-012925
71-012941
71-012951
Montana: Yellowstone River
71-001271
71-008123
71-011858
71-012954
71-012975
71-012980
Morocco
71-004756
71-007383
71-007716
71-007762
71-012487
71-012492
Mozambique: Lake Cabora Bassa
71-013060
Nebraska
71-000007
71-005506
71-007914
71-008217
71-008477
71-009792
71-009796
71-009797
71-009907
71-009908
71-010329
71-012240
71-012675
71-013023
Nebraska, Southeastern
71-001316
Nebraska: Adams Cty.: 32 Mile Creek
71-008257
Nebraska: Brown Cty.: Bone Creek
71-007255
Nebraska: Garden Cty.: Island Lake
71-012791
Nebraska: Keith Cty.
71-009267
Nebraska: Lake McConaughy
71-001409
71-011761
71-013069
71-013120
Nebraska: Lancaster Cty.: Branched Oak Lake
71-007093
71-007094
Nebraska: Lewis and Clark Lake
71-006486
71-007603
71-013124
Nebraska: Missouri River
71-007486
71-009901
71-010079
Nebraska: North Platte River
71-011761
Nebraska: Salt Creek
71-008027
Nebraska: Sandhills Lakes
71-012880
Nebraska: South Platte River
71-009316
Nebraska: Thirty-two Mile Creek
71-008258
Netherlands
71-004302
71-004640
71-005968
71-006156
71-006291
71-009060
Netherlands Antilles
71-004964
71-005174
71-011866
Netherlands: Tjeukemeer
71-005971
71-006620
71-012854
Nevada
71-008321
71-008619
71-008661
71-012022
71-012259
71-013489
Nevada: Clark Cty.
71-011772
Nevada: Clark Cty.: Moapa River
71-007806
Nevada: Colorado River
71-007027
Nevada: Death Valley
71-008066
Nevada: Goshute Creek
71-011991
Nevada: Jersey Valley
71-008660
Nevada: Lake Mead
71-001052
71-006171
71-013047
Nevada: Lake Mohave
71-013047
Nevada: Lake Tahoe
71-012435
Nevada: Nye Cty.: Devil's Hole
71-007118
Nevada: Pyramid Lake
71-002422
71-006350
71-006365
71-006738
71-006739
71-008617
71-011746
Nevada: Truckee River
71-006582
Nevada: Virgin River
71-004958
New Caledonia
71-008454
71-008571
New England
71-005821
New England: Atlantic Ocean
71-007903
71-009250
New Hampshire
71-009191
71-009192
71-009817
71-009818
71-009819
71-010478
71-011845
New Hampshire: Bellamy River
71-009821
New Hampshire: Great Bay Estuary
71-008914
71-008915
71-009543
New Hampshire: Hubbard Brook
71-001147
New Hampshire: Johnson Creek
71-009754

New Hampshire: Kezar Lake
71-011955
New Hampshire: Mirror Lake
71-001323
New Hampshire: Oyster River
71-009820
71-009821
New Jersey
71-000131
71-004202
71-004444
71-006262
71-006427
71-006831
71-012136
New Jersey: Atlantic Ocean
71-003530
71-008069
New Jersey: Barnegat Bay
71-010116
71-010328
New Jersey: Deal Lake
71-002598
New Jersey: Delaware Bay
71-009763
New Jersey: Delaware River
71-008260
71-010287
New Jersey: Little Egg Inlet
71-008068
New Jersey: Morris Cty.: Ryan's Ponds
71-013036
New Jersey: New York Bight
71-010524
71-013256
New Jersey: Newark Bay
71-008179
New Jersey: Raritan Bay
71-008989
New Jersey: Round Valley Reservoir
71-012464
New Jersey: Sandy Hook Bay
71-008276
New Jersey: Stone Harbor
71-007972
New Mexico
71-000235
71-005475
71-005491
71-006473
71-007834
71-008478
71-012025
71-012277
New Mexico, Northwestern
71-013440
New Mexico: Cibola Natl. For.
71-013001
New Mexico: Elephant Butte Lake
71-005999
71-012548
New Mexico: Pecos River
71-008555
New Mexico: San Juan River
71-008072
New Mexico: Tularosa Basin
71-008695
New South Wales
71-006781
New York
71-000664
71-001381
71-003154
71-005901
71-006338
71-007399
71-007759
71-007900
71-008086
71-008290
71-009406
71-010036
71-010163
71-011696
71-011726
71-012402
71-013163
71-013226
New York: Adirondack Lakes
71-010145
71-012445
New York: Allegheny Cty.
71-009947
71-009948
New York: Allegheny River
71-005768
New York: Arthur Kill
71-007763
New York: Atlantic Ocean
71-006711
71-007917
71-007918
71-007919
71-007920
New York: Cayuga Lake
71-005503
71-006713
New York: Cayuga-Seneca Canal
71-010389
New York: Cazenovia Lake
71-005074
New York: Conesus Lake
71-009791
New York: Erie Cty.
71-012143
71-012144
New York: Erie Cty.: Derby Brook
71-008063
New York: Finger Lakes
71-000026
New York: Fire Island Inlet
71-005258
New York: Goose Creek
71-011973
New York: Great Lakes
71-012838
New York: Hudson River
71-002164
71-004528
71-004757
71-006621
71-006945
71-006946
71-007527
71-008146
71-008147
71-008980
71-009703
71-010385
71-012589
New York: Hudson River Estuary
71-008231
71-009931
New York: Lake Champlain
71-006458
New York: Lake Chautauqua
71-012879
71-012899
New York: Lake George
71-001320
71-005963
71-006281
71-010744
New York: Lewis Cty.: South Sandy Creek
71-012155
New York: Long Island
71-012131
71-012198
New York: Long Island Sound
71-001610
71-005802
71-006579
71-007398
71-007598
New York: Mohawk River
71-009679
New York: Montauk Point
71-001561
New York: New York Bay
71-007857
New York: New York Bight
71-007700
71-008277
71-009161
71-013256
New York: Niagara River
71-005634
71-005635
71-006919
71-009288
New York: Oneida Lake
71-005958
71-005959
71-006066
71-006596
71-006828
71-007068
71-007152
71-007273
71-008304
71-008316
71-008317
71-008318
71-008319
71-008337
71-008338
71-012137
71-012850
New York: State Barge Canal
71-008154
71-010389
New York: Warren Cty.: Brant Lake
71-001878
New York: Westchester Cty.: Lake Waccabuc
71-012852
New York: Wolf Lake
71-005447
New Zealand
71-000011
71-001059
71-001128
71-001181
71-001829
71-002731
71-002783
71-004717
71-004801
71-004802
71-005516
71-005576
71-006094
71-006229
71-006238
71-006317
71-006475
71-006645
71-006815
71-006888
71-006958
71-007439
71-007474
71-007490
71-007500
71-007639
71-007656
...CONTINUED...
New Zealand
71-007659
71-007775
71-007947
71-008049
71-008091
71-008092
71-008155
71-008157
71-008159
71-008160
71-008244
71-008312
71-008328
71-008507
71-008581
71-008637
71-008707
71-008708
71-008709
71-008710
71-008711
71-008722
71-008723
71-008758
71-008959
71-009295
71-009329
71-009691
71-009888
71-009984
71-010275
71-011285
71-011633
71-011944
71-012461
71-013437
New Zealand, Coastal
71-001482
71-001566
71-003146
71-005807
71-005864
71-007440
71-007498
71-008050
71-008156
71-008161
71-008162
71-009693
New Zealand: Ashley River
71-012988
New Zealand: Bay of Plenty
71-006476
New Zealand: Burlings Stream
71-005774
New Zealand: Glentui River
71-006215
71-006590
71-006812
71-006813
71-006814
71-006816
71-007412
New Zealand: Hauraki Gulf
71-005575
71-006237
71-007367
71-008795
71-013178
New Zealand: Hen Island
71-007885
New Zealand: Karikari Peninsula
71-008279
New Zealand: Lake Chalice
71-008059
New Zealand: Lake Christabel
71-007956
New Zealand: Lake Ellesmere
71-003037
71-008177
71-009692
71-012905
New Zealand: Lake Okaihau
71-012394
New Zealand: Lake Pounui
71-003151
New Zealand: Lake Rotorua
71-001148
New Zealand: Lyttelton Harbour
71-006299
71-006959
New Zealand: Makara Stream
71-006644
New Zealand: Mathias River
71-006306
New Zealand: North Island
71-010645
New Zealand: Pacific Ocean
71-004790
71-006601
71-008714
71-009036
71-012504
New Zealand: Selwyn River
71-006950
New Zealand: South Westland
71-011656
New Zealand: Waikato River
71-006643
New Zealand: Wainuiomata River
71-010476
New Zealand: Woolly Creek
71-012517
Nicaragua
71-008844
Nicaragua: Lake Jiloa
71-005208

...CONTINUED...
Nicaragua: Lake Jiloa
71-005211
71-005212
71-006411
71-007106
Nigeria
71-006792
71-007213
Nigeria: Benue River
71-008051
71-008825
Nigeria: Lake Kainji
71-003688
71-005994
71-006070
71-006200
71-006439
71-006764
71-007155
71-007156
71-007389
71-007568
71-011884
71-012591
71-013045
71-013054
71-013098
Nigeria: Lekki Lagoon
71-005662
71-006990
Nigeria: Swashi River
71-005752
North America
71-001974
71-005927
71-006042
71-007817
71-008024
71-008494
71-008674
71-009494
71-009700
71-012668
71-013292
North America, Eastern
71-008770
North America: Arctic
71-008460
North America: Pacific Coast
71-012472
North Carolina
71-000588
71-005526
71-005686
71-005687
71-005711
71-006136
71-006293
71-006423
71-006566
71-007089
71-007188
71-007470
71-007550
71-007765
71-008013
71-008015
71-008016
71-008082
71-008102
71-008103
71-008124
71-008136
71-008453
71-008587
71-008800
71-008990
71-009258
71-009322
71-009743
71-009793
71-011967
71-011976
71-011977
71-012077
71-012170
71-012187
71-012981
71-013025
North Carolina, Coastal
71-005893
71-005894
71-006412
North Carolina: Albemarle Sound
71-009795
North Carolina: Atlantic Ocean
71-005620
71-005651
71-005732
71-006399
71-006749
71-007221
71-007469
71-007551
71-007940
71-008185
71-008186
71-008414
71-011514
71-012171
71-012235
North Carolina: Belews Lake
71-010104
71-010182
North Carolina: Brevard
71-010379
North Carolina: Cape Fear Estuary
71-008247

...CONTINUED...
North Carolina: Cape Fear Estuary
71-013145
North Carolina: Cape Fear River
71-006637
71-009970
71-012625
North Carolina: Cape Hatteras
71-008223
North Carolina: Carteret Cty.
71-011998
North Carolina: Croatan Natl. For.
71-008171
North Carolina: Currituck Sound
71-000004
71-008308
North Carolina: Great Smoky Mountains Natl. Park
71-011865
North Carolina: Hoggard Mill Creek
71-007618
North Carolina: Lake Hyco
71-010261
North Carolina: Lake Norman
71-005772
71-009580
North Carolina: Lake Raleigh
71-009656
North Carolina: Lake Waccamaw
71-005831
North Carolina: Little River
71-006636
North Carolina: New River
71-009579
North Carolina: Newport River Estuary
71-007035
71-007941
71-011513
North Carolina: Onslow Bay
71-001503
71-006033
71-006060
71-006675
71-006860
71-006966
71-008014
North Carolina: Piedmont
71-005596
North Carolina: Poplar Creek
71-007423
North Carolina: Tar Landing Bay
71-003274
North Carolina: Tar River
71-006360
North Carolina: Wake Cty.
71-009657
North Dakota
71-000188
71-008148
71-009033
71-010260
71-012033
North Dakota: Benson Cty.: Wood Lake
71-009704
North Dakota: Lake Sakakawea
71-006157
North Dakota: Rolette Cty.: Gravel Lake
71-007015
North Dakota: Sheyenne River
71-008121
71-008122
North Dakota: Wood Lake
71-009636
North Sea
71-006320
71-006321
71-006322
71-006607
71-006694
71-007205
71-007230
71-007592
71-007682
71-007711
71-007922
71-008236
71-008444
71-008852
71-009773
71-009873
71-009964
71-011230
71-012341
71-012720
71-013150
71-013154
71-013158
71-013160
71-013295
North Sea: Scagerac Sea
71-002666
Northern Ireland
71-002136
71-006013
71-009629
71-011654
71-011820
Northern Ireland: Foyle
71-011835
Northern Ireland: Lough Neagh
71-006683
Norway
71-000174
71-000175
71-000176
71-000267
71-006004
71-006199

...CONTINUED...
Norway
71-006436
71-006518
71-006639
71-006640
71-006641
71-006642
71-007008
71-007055
71-007460
71-007476
71-007502
71-007727
71-008018
71-008971
71-008972
71-009112
71-009486
71-009718
71-009735
71-009848
71-009926
71-010034
71-010190
71-010191
71-010341
71-010505
71-012543
Norway: Lake Ovre Heimadalsvatn
71-005998
Norway: Lake Oyungen
71-005997
Norway: Lake Tveitevatn
71-009106
Norway: Lindaspollene
71-008011
Norway: Neiden River
71-005919
Norway: North Sea
71-007860
Norway: Oslofjorden
71-005649
Norway: Skjomen
71-008202
Norway: Vardnes River
71-005909
71-005996
Ohio
71-000014
71-005345
71-007823
71-007934
71-009618
71-009619
71-010286
71-010444
71-012201
71-013010
Ohio River
71-001913
71-006148
71-006829
71-007173
71-009982
Ohio, Southeastern
71-006131
Ohio: Acton Lake
71-005791
71-007030
Ohio: Chagrin River
71-008272
Ohio: Champaign Cty.: Anderson Creek
71-004980
71-012508
Ohio: Davis-Beese Nuclear Power Stn.
71-010388
Ohio: Four Mile Creek
71-006750
71-007672
Ohio: Franklin Cty.: Grant's Run
71-006481
71-006482
Ohio: Green Creek
71-008228
Ohio: Hoover Reservoir
71-013093
Ohio: Lake Cty.: East Brance Chagrin River
71-004766
Ohio: Lake Erie
71-010387
Ohio: Little Auglaize River
71-012054
Ohio: Lucas Cty.
71-006911
Ohio: Lucas Cty.: Tenmile Creek
71-010529
Ohio: Mosquito Lake
71-010573
Ohio: Olentangy River
71-011913
Ohio: Ottawa River
71-010027
Ohio: Ottoville
71-012044
Ohio: Portage Cty.
71-000009
Ohio: Portage River
71-007928
Ohio: Pymatuning Lake
71-010573
Ohio: Richmond Cty.: Cedar Fork Creek
71-009505
Ohio: Salt Creek
71-008909
Ohio: Toledo
71-011975
Ohio: Wayne Natl. For.
71-007708

- Ohio: West Twin Lake
  - 71-012883
- Ohio: Wood Cty.
  - 71-009822
  - 71-009824
- Okinawa
  - 71-000647
- Oklahoma
  - 71-003776
  - 71-005195
  - 71-005198
  - 71-005834
  - 71-006259
  - 71-006433
  - 71-007217
  - 71-007338
  - 71-007554
  - 71-008129
  - 71-008222
  - 71-008248
  - 71-008388
  - 71-008863
  - 71-009840
  - 71-011933
  - 71-012096
  - 71-012097
  - 71-012191
  - 71-012220
  - 71-012248
- Oklahoma: Arbuckle Lake
  - 71-006619
  - 71-007457
  - 71-011935
  - 71-012095
- Oklahoma: Arkansas River
  - 71-011889
- Oklahoma: Boomer Lake
  - 71-010321
  - 71-012453
- Oklahoma: Eufaula Reservoir
  - 71-006619
  - 71-006652
- Oklahoma: Ham's Lake
  - 71-011926
- Oklahoma: Illinois River
  - 71-007772
- Oklahoma: Johnson Cty.: Pennington Creek
  - 71-007269
- Oklahoma: Keystone Reservoir
  - 71-006836
- Oklahoma: Kiamichi River
  - 71-007832
- Oklahoma: Lake Carl Blackwell
  - 71-006071
  - 71-006107
  - 71-006132
  - 71-007652
  - 71-008427
- Oklahoma: Lake Eufala
  - 71-013067
- Oklahoma: Lake Texoma
  - 71-004536
  - 71-005657
  - 71-006186
  - 71-006187
  - 71-006324
  - 71-006410
  - 71-009826
- Oklahoma: Lake Thunderbird
  - 71-012079
- Oklahoma: Little River
  - 71-008330
- Oklahoma: Logan Cty.: Cimarron River
  - 71-008030
- Oklahoma: Marshall Cty.: Brier Creek
  - 71-006383
- Oklahoma: McCurtain Cty.: Mountain Fork River
  - 71-012123
- Oklahoma: Mill Creek
  - 71-007737
- Oklahoma: Muddy Boggy River
  - 71-008127
- Oklahoma: North Canadian River
  - 71-008128
- Oklahoma: Red River Drainage
  - 71-004593
- Oklahoma: South Canadian River
  - 71-005196
- Oklahoma: West Cache Creek
  - 71-007797
- Oregon
  - 71-000191
  - 71-000215
  - 71-000413
  - 71-000414
  - 71-001081
  - 71-001357
  - 71-001707
  - 71-001916
  - 71-005009
  - 71-005494
  - 71-005674
  - 71-007712
  - 71-007937
  - 71-008033
  - 71-008220
  - 71-008872
  - 71-009000
  - 71-009669
  - 71-009806
  - 71-011023
  - 71-011758
  - 71-011962
  - 71-012026
  - 71-012209
  - 71-012458
  - 71-012926
- Oregon, Coastal
  - 71-001329
- Oregon, Southern
  - 71-008455
- Oregon: Antelope Reservoir
  - 71-010364
- Oregon: Cline's Pond
  - 71-001082
- Oregon: Columbia River
  - 71-005595
- Oregon: Columbia River Estuary
  - 71-008075
- Oregon: Continental Shelf
  - 71-007047
- Oregon: Coos Bay
  - 71-001402
  - 71-011873
- Oregon: Corvallis
  - 71-000283
  - 71-000283
- Oregon: Elk River
  - 71-012128
- Oregon: Klamath River
  - 71-008847
- Oregon: Mill Creek
  - 71-012193
  - 71-012436
- Oregon: Pacific Ocean
  - 71-005275
  - 71-005653
  - 71-005787
  - 71-005977
  - 71-007171
  - 71-007296
  - 71-007623
  - 71-008112
  - 71-008813
  - 71-008999
  - 71-009255
  - 71-009256
  - 71-009546
- Oregon: Rogue River
  - 71-012969
- Oregon: Snake River
  - 71-006630
- Oregon: Willamette River
  - 71-006808
  - 71-013463
- Oregon: Yaquina Bay
  - 71-008151
  - 71-009358
- Oregon: Yaquina Estuary
  - 71-001131
  - 71-005489
- Pacific Ocean
  - 71-000058
  - 71-000600
  - 71-000611
  - 71-000616
  - 71-001383
  - 71-001402
  - 71-001473
  - 71-001474
  - 71-001591
  - 71-001622
  - 71-001707
  - 71-001737
  - 71-001765
  - 71-001802
  - 71-001806
  - 71-001916
  - 71-002065
  - 71-002424
  - 71-002818
  - 71-003314
  - 71-004001
  - 71-004801
  - 71-004802
  - 71-004953
  - 71-005110
  - 71-005350
  - 71-005389
  - 71-005502
  - 71-005564
  - 71-005566
  - 71-005570
  - 71-005609
  - 71-005611
  - 71-005640
  - 71-005652
  - 71-005713
  - 71-005740
  - 71-005846
  - 71-005884
  - 71-005977
  - 71-005978
  - 71-005988
  - 71-005991
  - 71-006035
  - 71-006041
  - 71-006075
  - 71-006076
  - 71-006201
  - 71-006202
  - 71-006312
  - 71-006328
  - 71-006402
  - 71-006426
  - 71-006452
  - 71-006461
  - 71-006493
  - 71-006523
  - 71-006528
  - 71-006562
  - 71-006587
  - 71-006617
  - 71-006634
  - 71-006658
  - 71-006663

...CONTINUED...

- Pacific Ocean
  - 71-006668
  - 71-006710
  - 71-006722
  - 71-006783
  - 71-006799
  - 71-006900
  - 71-006936
  - 71-006938
  - 71-006939
  - 71-006940
  - 71-006977
  - 71-006988
  - 71-007044
  - 71-007070
  - 71-007083
  - 71-007124
  - 71-007146
  - 71-007224
  - 71-007290
  - 71-007297
  - 71-007391
  - 71-007465
  - 71-007488
  - 71-007506
  - 71-007555
  - 71-007629
  - 71-007663
  - 71-007690
  - 71-007773
  - 71-007839
  - 71-007916
  - 71-007944
  - 71-008005
  - 71-008031
  - 71-008034
  - 71-008091
  - 71-008110
  - 71-008113
  - 71-008114
  - 71-008155
  - 71-008158
  - 71-008220
  - 71-008226
  - 71-008281
  - 71-008283
  - 71-008377
  - 71-008450
  - 71-008473
  - 71-008492
  - 71-008498
  - 71-008521
  - 71-008539
  - 71-008540
  - 71-008542
  - 71-008554
  - 71-008557
  - 71-008573
  - 71-008615
  - 71-008623
  - 71-008636
  - 71-008640
  - 71-008659
  - 71-008675
  - 71-008677
  - 71-008685
  - 71-008706
  - 71-008721
  - 71-008729
  - 71-008731
  - 71-008736
  - 71-008748
  - 71-008749
  - 71-008761
  - 71-008763
  - 71-008764
  - 71-008765
  - 71-008814
  - 71-008826
  - 71-008828
  - 71-008866
  - 71-008876
  - 71-008899
  - 71-008900
  - 71-009492
  - 71-009551
  - 71-009552
  - 71-009555
  - 71-009576
  - 71-009610
  - 71-009645
  - 71-009705
  - 71-009714
  - 71-009723
  - 71-009750
  - 71-009751
  - 71-009752
  - 71-009759
  - 71-009789
  - 71-009849
  - 71-009920
  - 71-009943
  - 71-010006
  - 71-010046
  - 71-010073
  - 71-010107
  - 71-010162
  - 71-010239
  - 71-010293
  - 71-010420
  - 71-010464
  - 71-011364
  - 71-011856
  - 71-012042
  - 71-012135
  - 71-012152
  - 71-012199

...CONTINUED...

- Pacific Ocean
  - 71-012211
  - 71-012274
  - 71-012547
  - 71-012553
  - 71-012726
  - 71-012810
  - 71-013148
  - 71-013149
  - 71-013159
  - 71-013170
  - 71-013190
  - 71-013195
  - 71-013198
  - 71-013210
  - 71-013222
  - 71-013224
  - 71-013231
  - 71-013235
  - 71-013236
  - 71-013242
  - 71-013244
  - 71-013246
  - 71-013252
  - 71-013257
  - 71-013260
  - 71-013263
  - 71-013277
  - 71-013278
  - 71-013312
  - 71-013472
- Pacific Ocean, Bering Sea
  - 71-004071
- Pacific Ocean, California Coast
  - 71-006978
- Pacific Ocean, Eastern
  - 71-008543
  - 71-008574
  - 71-008698
  - 71-012802
- Pacific Ocean, Indo-West
  - 71-006834
  - 71-008773
  - 71-008778
- Pacific Ocean, North
  - 71-004612
  - 71-006657
  - 71-007858
  - 71-008207
  - 71-008562
  - 71-012338
- Pacific Ocean, North Central
  - 71-007624
- Pacific Ocean, Northeastern
  - 71-006077
  - 71-008641
  - 71-010085
  - 71-010097
  - 71-010172
  - 71-010173
  - 71-010226
  - 71-011902
  - 71-012078
  - 71-013215
  - 71-013216
  - 71-013313
- Pacific Ocean, Northwestern
  - 71-008208
- Pacific Ocean, South
  - 71-008116
  - 71-008487
  - 71-013180
- Pacific Ocean, Southeastern
  - 71-009699
- Pacific Ocean, Southwestern
  - 71-008834
- Pacific Ocean, Tropical
  - 71-007207
- Pacific Ocean, Western
  - 71-008728
- Pacific Ocean: Africa
  - 71-007744
- Pacific Ocean: Alaska
  - 71-013265
  - 71-013266
  - 71-013267
- Pacific Ocean: Anaheim Bay
  - 71-008001
- Pacific Ocean: Andaman Sea
  - 71-010301
- Pacific Ocean: Argentina
  - 71-007351
- Pacific Ocean: Atacama Trench
  - 71-006578
- Pacific Ocean: Australia
  - 71-005806
  - 71-006384
  - 71-007187
  - 71-007318
  - 71-007346
  - 71-007992
  - 71-008010
  - 71-009566
  - 71-009567
  - 71-010032
  - 71-010158
  - 71-010178
  - 71-012183
  - 71-012480
  - 71-012481
- Pacific Ocean: Australia: Great Barrier Reef
  - 71-006095
  - 71-006096
- Pacific Ocean: Baja California
  - 71-005757
  - 71-008482
- Pacific Ocean: Bay of Panama
  - 71-005504
- Pacific Ocean: Bering Sea
  - 71-004711
  - 71-004712
  - 71-004781
  - 71-005719
  - 71-005913
  - 71-006771
  - 71-007007
  - 71-007640
  - 71-008984
- Pacific Ocean: Bight of Panama
  - 71-008737
- Pacific Ocean: British Columbia
  - 71-006318
- Pacific Ocean: California
  - 71-001301
  - 71-004718
  - 71-005517
  - 71-005757
  - 71-006133
  - 71-006290
  - 71-006354
  - 71-006470
  - 71-006547
  - 71-006610
  - 71-006702
  - 71-006715
  - 71-007074
  - 71-007688
  - 71-007694
  - 71-007822
  - 71-007829
  - 71-007836
  - 71-008389
  - 71-009323
  - 71-009338
  - 71-009339
  - 71-009340
  - 71-009346
  - 71-009347
  - 71-009533
  - 71-009547
  - 71-009665
  - 71-009713
  - 71-009850
  - 71-009851
  - 71-010009
  - 71-011825
  - 71-012189
  - 71-013274
  - 71-013298
- Pacific Ocean: California Current
  - 71-001347
  - 71-006393
  - 71-006768
  - 71-007222
  - 71-008298
- Pacific Ocean: California: Alamitos Bay
  - 71-007687
- Pacific Ocean: California: Diablo Canyon
  - 71-007942
- Pacific Ocean: California: Humboldt Bay
  - 71-007191
  - 71-007720
- Pacific Ocean: California: Monterey Bay
  - 71-007272
- Pacific Ocean: California: Santa Monica Bay
  - 71-009790
- Pacific Ocean: Canada
  - 71-007209
  - 71-012212
- Pacific Ocean: Canada: British Columbia
  - 71-005671
  - 71-009362
  - 71-009725
  - 71-010446
- Pacific Ocean: Caroline Islands
  - 71-005638
- Pacific Ocean: Chile
  - 71-006502
  - 71-008621
  - 71-009573
  - 71-009575
  - 71-009596
  - 71-010452
- Pacific Ocean: Commander Islands
  - 71-001772
- Pacific Ocean: Coral Sea
  - 71-006301
- Pacific Ocean: East China Sea
  - 71-006310
- Pacific Ocean: Guam
  - 71-008654
- Pacific Ocean: Gulf of Alaska
  - 71-004632
  - 71-005658
  - 71-005912
  - 71-013221
- Pacific Ocean: Gulf of California
  - 71-006546
- Pacific Ocean: Hawaii
  - 71-001405
  - 71-003399
  - 71-005180
  - 71-005530
  - 71-006380
  - 71-006598
  - 71-006830
  - 71-007085
  - 71-007588
  - 71-007589
  - 71-010237
  - 71-011365
  - 71-013322
- Pacific Ocean: Japan
  - 71-002942

...CONTINUED...

- Pacific Ocean: Japan
  - 71-004816
  - 71-005102
  - 71-005981
  - 71-006681
  - 71-006682
  - 71-006991
  - 71-007464
  - 71-007507
  - 71-007898
  - 71-009712
  - 71-009846
  - 71-010463
  - 71-013261
- Pacific Ocean: Marshall Islands
  - 71-009928
- Pacific Ocean: Mexico
  - 71-007697
  - 71-010386
- Pacific Ocean: New Zealand
  - 71-001482
  - 71-001566
  - 71-002783
  - 71-003146
  - 71-004790
  - 71-005807
  - 71-005864
  - 71-006094
  - 71-006237
  - 71-006238
  - 71-006475
  - 71-006476
  - 71-006601
  - 71-007367
  - 71-007440
  - 71-007498
  - 71-007639
  - 71-007659
  - 71-007775
  - 71-008050
  - 71-008156
  - 71-008157
  - 71-008161
  - 71-008162
  - 71-008244
  - 71-008714
  - 71-008795
  - 71-009036
  - 71-009691
  - 71-009693
  - 71-012504
- Pacific Ocean: New Zealand: Hauraki Gulf
  - 71-005575
- Pacific Ocean: Northeastern
  - 71-010174
- Pacific Ocean: Okhotsh Sea
  - 71-013157
- Pacific Ocean: Okhotsk Sea
  - 71-008441
- Pacific Ocean: Oregon
  - 71-005275
  - 71-005494
  - 71-005653
  - 71-005787
  - 71-007047
  - 71-007171
  - 71-007296
  - 71-008112
  - 71-008813
  - 71-008999
  - 71-009255
  - 71-009358
  - 71-009546
  - 71-009806
- Pacific Ocean: Oregon: Yaquina Bay
  - 71-008151
- Pacific Ocean: Papua New Guinea
  - 71-007965
- Pacific Ocean: Peru
  - 71-005935
- Pacific Ocean: Philippine Sea
  - 71-008209
- Pacific Ocean: Philippines
  - 71-004765
  - 71-013165
  - 71-013179
- Pacific Ocean: Puget Sound
  - 71-007280
  - 71-008387
  - 71-009083
- Pacific Ocean: Sea of Japan
  - 71-006329
  - 71-006575
  - 71-007036
  - 71-008735
- Pacific Ocean: South Coral Sea
  - 71-006628
- Pacific Ocean: Taiwan
  - 71-008784
- Pacific Ocean: Washington
  - 71-005976
  - 71-006249
  - 71-007835
- Pakistan
  - 71-009511
  - 71-009514
- Pakistan: Kabu Lake
  - 71-009512
- Pakistan: Karachi
  - 71-001638
  - 71-009513
  - 71-012697
- Panama
  - 71-004218
  - 71-004627
  - 71-004629
  - 71-006529
  - 71-007288

CONTINUED...
Panama
71-008563
71-008764
71-010606
Panama Canal
71-012696
Panama Canal Zone
71-000010
71-006364
Panama Canal Zone: Gatun Lake
71-006456
Panama: Bay of Panama
71-005504
Panama: Bight of Panama
71-008737
Panama: Caribbean Sea
71-007812
Panama: Gatun Lake
71-006456
Panama: Gulf of Panama
71-009854
Papua New Guinea
71-007965
71-008521
71-009774
71-009895
71-010253
71-010432
71-012407
Papua New Guinea: Laloki River System
71-007728
Pennsylvania
71-001456
71-001457
71-005219
71-010882
71-011657
71-011701
Pennsylvania: Beaver Cty.: Service Creek Reservoir
71-002056
Pennsylvania: Ben's Creek
71-010265
Pennsylvania: Berks Cty.: Sacony Creek Basin
71-007707
Pennsylvania: Clearfield Cty.: Upper Three Runs
71-010461
Pennsylvania: Conewago Creek
71-008153
Pennsylvania: Conococheague Creek
71-008036
Pennsylvania: Crawford Cty.
71-007319
Pennsylvania: Dauphin Cty.: Lake Frederic
71-008026
Pennsylvania: Erie Cty.
71-004594
Pennsylvania: Lehigh Cty.: Saucon Creek
71-010238
Pennsylvania: Mill Creek
71-001496
Pennsylvania: Montgomery Cty.
71-001265
Pennsylvania: Muddy Run
71-007097
Pennsylvania: Muddy Run Pumped Storage Pond
71-007483
Pennsylvania: Northampton Cty.: Bushkill Creek
71-001191
71-001192
Pennsylvania: Northampton Cty.: Saucon Creek
71-010238
Pennsylvania: Peach Bottom Atomic Power Station
71-012693
Pennsylvania: Perry Cty.: Sherman Creek
71-008026
Pennsylvania: Schuylkill River
71-012165
Pennsylvania: Susquehanna River
71-001458
71-001459
71-001463
71-001464
71-001465
71-001466
71-005283
71-006277
71-006278
71-007819
71-007820
71-008545
71-008546
71-008926
71-009405
71-009604
71-009775
71-010053
71-010064
71-010142
71-010143
71-013493
Pennsylvania: Susquehanna River: Conowingo Pond
71-006406
71-010128
71-010291
71-010292
Pennsylvania: Swatara Creek Drainage
71-008135
Pennsylvania: Venango Cty.: Little Scrubgrass Creek
71-010195
Pennsylvania: Washington Cty.: Buffalo Creek
71-006923
71-006924
Pennsylvania: Yellow Breeches Creek
71-008293
Pennsylvania: Youghiogheny River
71-007912
Persian Gulf
71-001095
71-010349
Peru
71-006562
71-008021
71-008602
71-008898
71-013170
Peru: Pacific Ocean
71-005935
Philippines
71-000061
71-000089
71-000305
71-000306
71-000307
71-000353
71-000357
71-000360
71-000380
71-000381
71-000382
71-000508
71-000554
71-000579
71-000582
71-000636
71-000645
71-001324
71-004765
71-007285
71-007365
71-007839
71-008383
71-009276
71-009519
71-009794
71-012507
71-012572
71-013165
71-013179
Philippines: Laguna de Bay
71-013176
Philippines: Sorsogon Bay
71-008003
Poland
71-000112
71-000460
71-000462
71-002246
71-002501
71-005922
71-006930
71-007577
71-008392
71-011774
71-012904
Poland: Lake Klawoj
71-006957
Poland: Lake Warniak
71-012908
Poland: Pilica River
71-003759
71-010353
71-010354
Portugal
71-007441
Potomac River Estuary
71-001798
Puerto Rico
71-002192
71-004889
71-005538
71-007168
71-009008
71-009974
71-013314
Red Sea
71-005010
71-006266
71-006272
71-007021
71-007159
71-007704
71-007705
71-007788
71-007878
71-007879
71-007880
71-008019
71-008020
71-008513
71-008551
71-008558
71-008595
71-008596
71-008827
71-009633
71-009640
71-009642
Rhode Island
71-005572
71-005761
71-007515
71-009332
71-013063
Rhode Island: Charleston Pond
71-006390
Rhode Island: Narragansett Bay
71-006880
71-007163
71-010469
Rhode Island: Pausacaco Pond
71-006254
Rhodesia: Lake Kariba
71-006584
71-012844
71-013077
Rhodesia: Lake McIlwaine
71-005536
71-005733
71-006404
Rwanda: Lake .Ihema
71-007978
Saudi Arabia
71-007685
Scandinavia
71-008429
71-008817
Scotia Sea
71-008881
Scotland
71-000233
71-005519
71-005578
71-005605
71-005606
71-005613
71-005955
71-006607
71-006734
71-006937
71-007322
71-007330
71-007649
71-007877
71-008025
71-008767
71-009330
71-010001
71-010002
71-010008
71-010383
71-011624
71-012400
71-012613
Scotland, Coastal
71-005614
71-005973
Scotland: Airthrey Loch
71-006733
Scotland: Loch Awe
71-012093
Scotland: Loch Etive
71-007033
71-008923
Scotland: Loch Leven
71-007283
Scotland: Loch Lomond
71-003985
71-006274
Scotland: North Argyll Lochs
71-006081
71-007175
Scotland: Outer Hebrides
71-007776
Scotland: River Tweed
71-006217
Sea of Japan
71-007944
Senegal: Senegal River
71-012933
Sierra Leone
71-005786
71-008098
Singapore
71-008200
Sir Lanka
71-006247
Snake River
71-012695
South Africa
71-002742
71-005481
71-005642
71-005643
71-006037
71-006791
71-007301
71-007764
71-007783
71-007961
71-007962
71-008284
71-008620
71-008648
71-008680
71-008793
71-009721
71-012738
South Africa, Coastal
71-007377
South Africa, East Coast
71-008838
South Africa: Indian Ocean
71-007945
South Africa: Lake Baugazi
71-010514
South Africa: Lake Sibaya
71-002306
71-005510
71-006212
71-006797
71-006805
71-006806
71-007405
South Africa: Namibian Shelf
71-005854

South Africa: Natal
71-007985
71-008794
South Africa: Natal: Kosi System
71-007743
South Africa: Sandvlei
71-007718
South Africa: St. Lucia
71-007341
South Africa: Swartkops Estuary
71-006558
71-007092
South Africa: Transvaal
71-009878
South Africa: Tyume River
71-005594
South Africa: Zululand
71-008647
South Africa: Zululand: Lake St. Lucia
71-006789
71-007340
South America
71-005461
71-005889
71-008633
71-008652
71-008762
71-008857
71-009798
71-013207
South Carolina
71-000440
71-006293
71-007089
71-007550
71-007645
71-008800
71-009114
71-010080
71-010081
71-010242
71-010243
71-010492
71-010535
71-010819
71-011002
71-012108
71-012161
71-012170
71-013140
71-013243
71-013323
South Carolina: Atlantic Ocean
71-005620
71-005732
71-007469
71-007551
71-007695
71-007940
71-011951
71-012171
South Carolina: Charleston
71-012513
South Carolina: Cherokee Cty.: Kings Creek
71-005633
South Carolina: Jocassee Reservoir
71-012043
South Carolina: Keowee Reservoir
71-006779
71-010205
71-010206
71-010421
71-013048
South Carolina: Lake Robinson
71-006447
South Carolina: Murrells Inlet
71-012045
South Carolina: North Edisto River Estuary
71-006417
South Carolina: North Inlet
71-006589
South Carolina: Par Pond
71-006691
71-010151
South Carolina: Santee-Cooper
71-013108
South Carolina: Savannah River
71-010258
South Carolina: Sewee Bay
71-012101
South Carolina: South Atlantic Bight
71-008266
South Carolina: Walhalla
71-010379
South Carolina: Wando River Estuary
71-013141
South Carolina: York Cty.: Kings Mt. Natl. Military Park
71-001276
South China Sea
71-006309
71-008189
71-008462
71-008691
71-010209
South China Sea: Gulf of Tonkin
71-007723
South Dakota
71-006763
71-012021
71-012305
71-012468
South Dakota: Brule Creek
71-009615
South Dakota: Hamlin Cty.
71-005866
South Dakota: Lake Francis Case
71-013090
71-013123
South Dakota: Lake Oahe
71-013074
71-013097
South Dakota: Lake Poinsett
71-007199
South Dakota: Lewis and Clark Lake
71-006486
71-007603
71-013124
South Dakota: Little Missouri River
71-007735
71-007736
South Dakota: Missouri River
71-001249
71-005753
71-007122
71-009901
South Dakota: Missouri River Reservoirs
71-006059
South Dakota: Pickering Slough
71-006078
South Dakota: Sioux Falls River Park
71-007756
South West Africa: Sandvis
71-007976
Spain
71-008152
71-009590
Spain: Alboran Sea
71-009765
71-009766
Sri Lanka
71-005555
71-005556
71-006850
71-006851
71-006852
71-007988
St. Lawrence River
71-012710
Sudan: Lake Nubia
71-010126
Suez Canal
71-006585
71-007715
71-008221
71-008693
Surinam
71-005092
Sweden
71-004773
71-004917
71-005181
71-005775
71-006398
71-006758
71-007263
71-007487
71-007566
71-008292
71-009688
71-009689
71-009717
71-010273
71-010326
71-012888
Sweden: Byfjord
71-012067
Sweden: Gastviken
71-010325
Sweden: Lake Fattjaurie
71-005648
Sweden: Lake Hjalmaren
71-008409
Sweden: Lake Malaren
71-008409
Sweden: Lake Roxen
71-010336
Sweden: Morrum River
71-010335
Sweden: Ricklea River
71-010431
Sweden: River Kavlingean
71-006216
Switzerland: Lake Biel
71-008766
Switzerland: Lake Constance
71-007447
71-008097
Switzerland: Lake Thun
71-008766
Taiwan
71-000533
71-001725
71-008192
71-008193
71-008194
71-009578
Taiwan: Pacific Ocean
71-008784
Tanzania
71-005243
Tanzania: Lake Tanganyika
71-001728
71-005529
71-010110
Tanzania: Nyumba ya Mungu Reservoir
71-006858
71-013051
Tasmania
71-005883
71-008456
71-010382
Tennessee
71-002343
...CONTINUED...
Tennessee
71-004743
71-005840
71-005840
71-006314
71-006719
71-006825
71-007408
71-007409
71-008216
71-010410
71-010410
71-011773
71-013066
Tennessee River System
71-008048
71-008048
Tennessee: Barkley Reservoir
71-006622
Tennessee: Barren River Drainage
71-009954
Tennessee: Blackburn Fork
71-009542
Tennessee: Buffalo River
71-008869
Tennessee: Burgess Falls Lake
71-006986
Tennessee: Caney Fork
71-008489
Tennessee: Center Hill Reservoir
71-005695
71-006163
71-006576
71-006686
71-006686
Tennessee: Cherokee Natl. For.
71-010023
Tennessee: Cherokee Reservoir
71-005432
Tennessee: Clinch River
71-001397
71-008032
Tennessee: Coosa River
71-008871
Tennessee: Cumberland River
71-007915
71-008810
Tennessee: Duck River
71-008715
71-008869
Tennessee: Great Smoky Mountains Natl. Park
71-007600
71-007973
71-011865
Tennessee: Little River
71-005839
Tennessee: Melton Hill Reservoir
71-010411
Tennessee: New River Basin
71-010472
Tennessee: Nickajack Reservoir
71-006731
Tennessee: Norris Reservoir
71-013059
Tennessee: North Fork Holston River
71-010198
71-010199
Tennessee: Obion Cty.: Indian Creek
71-007946
Tennessee: Old Hickory Reservoir
71-005782
71-007275
71-007275
Tennessee: Pickwick Reservoir
71-005097
71-006325
71-006326
71-006985
71-007491
71-012734
Tennessee: Putram Cty.: Blackburn Fork
71-009541
Tennessee: Sequatchie River
71-008496
Tennessee: Sevier Cty.: Little Pigeon River
71-010439
Tennessee: Shelby Cty.
71-005267
Tennessee: Tennessee River
71-008624
Tennessee: Watts Bar Reservoir
71-007105
71-007105
Texas
71-000374
71-000374
71-000392
71-000472
71-000519
71-000520
71-000577
71-000596
71-000618
71-000626
71-001801
71-004121
71-004287
71-004671
71-005985
71-006245
71-006248
71-006259
71-006403
71-006611
71-006614
71-006772

..CONTINUED...
- Texas
  - 71-006772
  - 71-007216
  - 71-007495
  - 71-007582
  - 71-007582
  - 71-007633
  - 71-007633
  - 71-007921
  - 71-008222
  - 71-008324
  - 71-008863
  - 71-009600
  - 71-009921
  - 71-010102
  - 71-010144
  - 71-010170
  - 71-010285
  - 71-011736
  - 71-011900
  - 71-011906
  - 71-011928
  - 71-012175
  - 71-012302
  - 71-012302
  - 71-012416
  - 71-012426
  - 71-012455
  - 71-012467
  - 71-012501
  - 71-013044
  - 71-013251
- Texas, Central
  - 71-007583
  - 71-009613
- Texas, Coastal
  - 71-010202
- Texas, Northeastern
  - 71-011895
- Texas: Arkansas River
  - 71-007833
- Texas: Balmorhea State Recreation Area
  - 71-007831
- Texas: Bexar Cty.
  - 71-007939
- Texas: Big Sandy Creek
  - 71-007840
- Texas: Brazos River
  - 71-012403
- Texas: Canyon Reservoir
  - 71-007526
- Texas: Cedar Bayou Electric Generating Stn.
  - 71-010123
- Texas: Chenier Plain Coastal Area
  - 71-007881
  - 71-007882
  - 71-007883
- Texas: Colorado River
  - 71-007833
- Texas: Comal Cty.: Canyon Reservoir
  - 71-011914
- Texas: Comal Cty.: Guadalupe River
  - 71-004595
- Texas: Comal River
  - 71-005820
- Texas: Devil's River
  - 71-007815
  - 71-008346
- Texas: Eagle Mountain Lake
  - 71-008948
- Texas: Galveston Bay
  - 71-000465
  - 71-005751
  - 71-007264
  - 71-009722
  - 71-010255
- Texas: Gulf of Mexico
  - 71-006744
  - 71-012140
  - 71-012141
- Texas: Lake Bastrop
  - 71-010098
  - 71-010098
  - 71-012412
- Texas: Lake E. V. Spence
  - 71-007136
- Texas: Lake Lewisville
  - 71-002661
- Texas: Lake Nasworthy
  - 71-006164
  - 71-012637
- Texas: Lake Texoma
  - 71-005657
  - 71-006186
  - 71-006187
  - 71-006324
  - 71-006410
- Texas: Lydia Ann Channel
  - 71-007228
- Texas: Menard Cty.
  - 71-004860
- Texas: Newton Cty.: Mill Creek
  - 71-005758
- Texas: North Lake
  - 71-004286
  - 71-010449
- Texas: Pecos Cty.: Diamond-Y Spring
  - 71-005677
- Texas: Pecos Cty.: Leon Creek
  - 71-008354
- Texas: Pecos River
  - 71-008555
- Texas: Postoak Lake
  - 71-012667
- Texas: Rio Grande River
  - 71-008628
- Texas: Sam Rayburn Lake
  - 71-013109
- Texas: San Antonio Bay
  - 71-013138
  - 71-013138
- Texas: San Marcos River
  - 71-005820
  - 71-006491
  - 71-007218
- Texas: Sheldon Reservoir
  - 71-013106
  - 71-013106
- Texas: Toledo Bend
  - 71-006656
  - 71-013109
- Texas: Trans-Pecos
  - 71-002789
- Texas: Trinidad Lake
  - 71-000468
  - 71-000468
  - 71-005964
  - 71-005965
  - 71-008394
- Texas: Trinity Bay
  - 71-005751
- Texas: Van Zandt Cty.
  - 71-013014
  - 71-013014
- Texas: Victor Brauning Lake
  - 71-010109
  - 71-010109
- Texas: West Bay
  - 71-012098
- Texas: Woodlands
  - 71-010236
- Thailand, Coastal
  - 71-010209
- Thailand: Bung Boraped
  - 71-013113
- Thailand: Gulf of Thailand
  - 71-010078
- Trinidad and Tobago
  - 71-004997
  - 71-004999
  - 71-005093
  - 71-005845
- Tunisia
  - 71-005520
  - 71-006818
- Turkey
  - 71-010029
- Turkey: Lake Acigol
  - 71-001588
- Turkey: Lake Izmik
  - 71-012377
  - 71-012377
- Uganda: Lake Albert
  - 71-009861
- Uganda: Lake George
  - 71-005626
  - 71-006879
- United Arab Republic
  - 71-000320
  - 71-000320
  - 71-000321
  - 71-000321
  - 71-001534
  - 71-009084
  - 71-009483
  - 71-010926
- United Arab Republic: Alexandria: Mex Canal
  - 71-006613
- United Arab Republic: Lake Manzala
  - 71-013139
- United Arab Republic: Lake Nasser
  - 71-008378
- United Arab Republic: Nile River
  - 71-001657
  - 71-002088
- United Kingdom
  - 71-000147
  - 71-004598
  - 71-006650
  - 71-007438
  - 71-008741
  - 71-008973
  - 71-009517
  - 71-009602
  - 71-012378
  - 71-012738
- United Kingdom: Isle of Man
  - 71-005746
  - 71-007431
- United States
  - 71-000053
  - 71-000054
  - 71-000062
  - 71-000111
  - 71-000146
  - 71-001049
  - 71-007892
  - 71-008215
  - 71-008249
  - 71-010339
  - 71-011625
  - 71-011702
  - 71-011727
  - 71-011748
  - 71-011843
  - 71-013073
  - 71-013131
  - 71-013281
- United States, Atlantic Coast
  - 71-007851
- United States, Eastern
  - 71-001369
  - 71-007923
  - 71-013171
  - 71-013172
- United States, Midwest
  - 71-000540
  - 71-007769
- United States, Northeastern
  - 71-001198
  - 71-001253
  - 71-001255
  - 71-001308
  - 71-004543
  - 71-004543
  - 71-009207
  - 71-009592
  - 71-012094
  - 71-012963
  - 71-013152
- United States, Northwestern
  - 71-007782
  - 71-010465
  - 71-011768
  - 71-011922
  - 71-012020
  - 71-012035
  - 71-012036
  - 71-012147
  - 71-012695
  - 71-013278
- United States, Pacific Northwest
  - 71-011883
- United States, Southeastern
  - 71-000077
  - 71-004601
  - 71-007895
  - 71-008772
  - 71-008772
  - 71-009940
  - 71-009991
  - 71-009994
  - 71-010534
  - 71-011797
  - 71-011797
  - 71-011949
  - 71-012001
  - 71-012001
  - 71-012432
  - 71-012432
  - 71-012789
  - 71-012944
- United States, Southern
  - 71-005975
  - 71-007006
  - 71-007006
  - 71-007549
  - 71-007796
  - 71-008988
  - 71-012129
  - 71-013046
  - 71-013046
  - 71-013056
  - 71-013105
- United States, Western
  - 71-005493
  - 71-005879
  - 71-007816
  - 71-010196
  - 71-011751
  - 71-011921
  - 71-011974
  - 71-012005
  - 71-012012
  - 71-012013
  - 71-012060
  - 71-012081
  - 71-013482
  - 71-013488
  - 71-013499
- United States: Atlantic Coast
  - 71-004722
  - 71-005872
  - 71-007851
  - 71-008275
  - 71-011941
  - 71-013156
  - 71-013469
- United States: Atlantic Coast: Barrier Islands
  - 71-013448
- United States: Atlantic Coast: Delmarva Penninsula
  - 71-005809
- United States: Bonneville Basin
  - 71-005738
  - 71-008618
- United States: Columbia River
  - 71-009522
- United States: Estuaries
  - 71-013143
  - 71-013143
- United States: New England
  - 71-002223
  - 71-012616
  - 71-013289
- United States: New England, Southern
  - 71-013311
- United States: Rio Grande Basin
  - 71-008528
- United States: Rocky Mountain Region
  - 71-001076
  - 71-012034
  - 71-012035
  - 71-012036
- USSR
  - 71-000052
  - 71-000085
  - 71-000149
  - 71-000156
  - 71-000165
  - 71-000254
  - 71-000299

...CONTINUED...

- USSR
  - 71-000313
  - 71-000385
  - 71-000495
  - 71-000516
  - 71-000532
  - 71-000559
  - 71-000560
  - 71-000580
  - 71-000643
  - 71-000644
  - 71-000653
  - 71-000668
  - 71-000818
  - 71-001542
  - 71-001542
  - 71-001578
  - 71-001754
  - 71-001869
  - 71-002026
  - 71-002075
  - 71-002097
  - 71-002142
  - 71-002142
  - 71-002181
  - 71-002368
  - 71-002428
  - 71-002594
  - 71-002826
  - 71-003184
  - 71-003200
  - 71-003256
  - 71-003364
  - 71-003392
  - 71-003452
  - 71-003629
  - 71-003630
  - 71-004022
  - 71-004084
  - 71-004308
  - 71-004508
  - 71-004524
  - 71-004568
  - 71-004660
  - 71-004703
  - 71-004748
  - 71-004788
  - 71-004863
  - 71-004868
  - 71-005431
  - 71-005474
  - 71-005511
  - 71-005663
  - 71-005724
  - 71-005847
  - 71-005858
  - 71-005914
  - 71-005916
  - 71-006067
  - 71-006104
  - 71-006170
  - 71-006180
  - 71-006195
  - 71-006222
  - 71-006255
  - 71-006332
  - 71-006454
  - 71-006506
  - 71-006553
  - 71-006874
  - 71-006992
  - 71-007153
  - 71-007184
  - 71-007242
  - 71-007248
  - 71-007356
  - 71-007363
  - 71-007509
  - 71-007510
  - 71-007537
  - 71-007597
  - 71-008070
  - 71-008198
  - 71-008224
  - 71-008292
  - 71-008611
  - 71-008753
  - 71-008782
  - 71-009614
  - 71-009787
  - 71-010131
  - 71-011092
  - 71-011628
  - 71-011755
  - 71-012261
  - 71-012825
  - 71-012979
  - 71-013102
  - 71-013290
- USSR: Aldan River
  - 71-008246
- USSR: Amu Dar'ya
  - 71-001868
- USSR: Amur Basin
  - 71-007530
- USSR: Amur Bay
  - 71-008130
- USSR: Amur Estuary
  - 71-001690
  - 71-003316
  - 71-005915
- USSR: Amur River
  - 71-008369
- USSR: Anabar River
  - 71-005684
- USSR: Anadyr River
  - 71-008195
- USSR: Aral Sea
  - 71-003603
  - 71-007193
  - 71-007531
  - 71-007532
  - 71-008386
  - 71-008386
  - 71-009603
- USSR: Argun River
  - 71-007969
- USSR: Azov Sea
  - 71-005855
  - 71-006058
- USSR: Baltic Sea
  - 71-000607
- USSR: Barents Sea
  - 71-001695
  - 71-006279
  - 71-007291
  - 71-008109
- USSR: Bering Sea
  - 71-004711
  - 71-006501
- USSR: Black Sea
  - 71-005612
  - 71-006550
  - 71-006550
  - 71-006876
  - 71-008325
- USSR: Bukhtarma Reservoir
  - 71-005666
- USSR: Caspian Sea
  - 71-004235
  - 71-006029
  - 71-007143
- USSR: Chimkurgan Reservoir
  - 71-005473
- USSR: Chukotsk Peninsula
  - 71-007785
- USSR: Chulym River
  - 71-005859
- USSR: Courland Lagoon
  - 71-001859
  - 71-004216
  - 71-005598
  - 71-005599
  - 71-005600
  - 71-005600
  - 71-005601
  - 71-007046
- USSR: Dagestan
  - 71-000421
  - 71-006507
  - 71-006508
- USSR: Danube River
  - 71-005697
  - 71-006368
  - 71-007049
- USSR: Dnieper River
  - 71-013005
- USSR: Don River
  - 71-006807
- USSR: Donets River
  - 71-012993
- USSR: Gulf of Riga
  - 71-006444
- USSR: Ili River
  - 71-006359
  - 71-006432
  - 71-008447
- USSR: Iriklinskoye Reservoir
  - 71-006505
- USSR: Irtysh River Basin
  - 71-005789
- USSR: Irtysh-Karaganda Canal
  - 71-007677
- USSR: Ivan'kovskoye Reservoir
  - 71-000048
  - 71-010044
- USSR: Kakhovka Reservoir
  - 71-006524
- USSR: Kamchatka
  - 71-004631
  - 71-004775
  - 71-004841
  - 71-004842
  - 71-006489
  - 71-006490
  - 71-008101
- USSR: Kamchatka Bay
  - 71-006434
- USSR: Kamchatka River
  - 71-001445
  - 71-006110
- USSR: Kamchatka: Bol'shaya River
  - 71-005725
- USSR: Kamchatka: Lake Nachikin
  - 71-008769
- USSR: Kamyshlybash Lakes
  - 71-006366
- USSR: Kapchagay Reservoir
  - 71-013096
- USSR: Karelian Lake
  - 71-003422
- USSR: Kazakh: Aral Sea
  - 71-007532
- USSR: Kazakhastan Province
  - 71-004753
- USSR: Kazakhstan
  - 71-002840
- USSR: Kazakhstan: Nura River Basin
  - 71-007830
- USSR: Khorezm Province
  - 71-005464
- USSR: Kola Peninsula
  - 71-004862
  - 71-008991
- USSR: Korral Lake
  - 71-002040
- USSR: Krasnoyarsk Territory
  - 71-007997
- USSR: Kuban Lagoons
  - 71-004681
- USSR: Kuban River
  - 71-006684
  - 71-006687
- USSR: Kura River
  - 71-000217
  - 71-005465
- USSR: Kuril Islands
  - 71-005468
- USSR: Kursha Bay
  - 71-006446
- USSR: Kurskii Lagoon
  - 71-005015
- USSR: Kuybyshev Reservoir
  - 71-004813
  - 71-005700
  - 71-005856
  - 71-006243
  - 71-006370
  - 71-006371
  - 71-006372
  - 71-006373
  - 71-006513
  - 71-007037
  - 71-007038
  - 71-007039
  - 71-008372
  - 71-008373
  - 71-013087
  - 71-013117
- USSR: Kuyto Lakes
  - 71-005890
- USSR: Ladoga Lake
  - 71-004866
- USSR: Lake Agata
  - 71-007989
- USSR: Lake Azabach'ye
  - 71-002035
  - 71-004630
  - 71-007359
- USSR: Lake Baikal
  - 71-006223
  - 71-006223
  - 71-008445
- USSR: Lake Balkhash
  - 71-001743
- USSR: Lake Dal'neye
  - 71-006022
  - 71-007638
  - 71-008368
- USSR: Lake Dalnee
  - 71-001365
- USSR: Lake Frolikha
  - 71-004774
  - 71-005798
- USSR: Lake Gusinoye
  - 71-007294
- USSR: Lake Il'men'
  - 71-001680
  - 71-005587
  - 71-005588
  - 71-005589
  - 71-005693
- USSR: Lake Issyk-Kul
  - 71-006455
- USSR: Lake Khanka
  - 71-007095
  - 71-007096
- USSR: Lake Khoshkin'yarvi
  - 71-006765
- USSR: Lake Krivoye
  - 71-006093
- USSR: Lake Kronotskiy
  - 71-005699
- USSR: Lake Kuben
  - 71-006381
- USSR: Lake Ladoga
  - 71-002276
  - 71-004592
  - 71-004789
- USSR: Lake Onega
  - 71-007626
- USSR: Lake Pskov-Chudskoye
  - 71-005946
- USSR: Lake Uyeginskoye
  - 71-005863
- USSR: Lena River
  - 71-006522
  - 71-007628
- USSR: Lithuania
  - 71-002426
- USSR: Lithuania: Black Sea
  - 71-005602
- USSR: Lower Danube
  - 71-007049
- USSR: Man'ya River
  - 71-002074
- USSR: Moshkovichskiy Bay
  - 71-010405
- USSR: Mozhaysk Reservoir
  - 71-003366
  - 71-003367
  - 71-004090
  - 71-004091
  - 71-004091
  - 71-007355
- USSR: Nadym River
  - 71-005690
- USSR: Neman River
  - 71-004306
- USSR: Noril'sk Lakes
  - 71-005818
- USSR: Ob River
  - 71-008440
- USSR: Okhotsk Sea
  - 71-008181

- USSR: Ozernaya River
  - 71-006573
- USSR: Pacific Ocean
  - 71-007944
- USSR: Pechora Basin
  - 71-005837
- USSR: Pritornaya River
  - 71-006704
- USSR: Pskovsko-Chudskoe Lake
  - 71-012770
- USSR: Rybinsk Reservoir
  - 71-004307
  - 71-006774
- USSR: Sakhalin
  - 71-005621
  - 71-006595
  - 71-006952
  - 71-008286
- USSR: Saratov Reservoir
  - 71-005692
  - 71-007352
- USSR: Sea of Azov
  - 71-005694
  - 71-006019
  - 71-006361
  - 71-007114
  - 71-008299
  - 71-008745
- USSR: Shchugor River
  - 71-008315
- USSR: Siberia
  - 71-007497
  - 71-011724
- USSR: Siberia: Tanama River
  - 71-005793
- USSR: Siberian Rivers
  - 71-006147
- USSR: Syr Darya
  - 71-005478
- USSR: Syr-Dar'ya River
  - 71-004843
  - 71-006559
- USSR: Taganrog Gulf
  - 71-007113
- USSR: Tanama River
  - 71-007580
- USSR: Taz Bay
  - 71-007691
- USSR: Terek Delta
  - 71-006751
- USSR: Transbaikalia
  - 71-012421
- USSR: Tsimlyansk Reservoir
  - 71-002011
  - 71-005885
  - 71-006009
  - 71-007024
- USSR: Tyumen
  - 71-000261
  - 71-000261
- USSR: Uglich Reservoir
  - 71-006396
- USSR: Ukrain
  - 71-013122
- USSR: Upper Tuloma Reservoir
  - 71-001827
- USSR: Ural River
  - 71-006500
- USSR: Urals
  - 71-006063
- USSR: Uzbekistan
  - 71-001958
- USSR: Vilyuy Reservoir
  - 71-006530
- USSR: Vistula Bay
  - 71-004216
- USSR: Volga Reservoirs
  - 71-007868
  - 71-013080
- USSR: Volga River
  - 71-006356
  - 71-006684
  - 71-012700
  - 71-012960
  - 71-012960
- USSR: Volga River Delta
  - 71-006652
  - 71-006652
  - 71-007158
- USSR: Volga-Caspian Region
  - 71-008902
- USSR: Volgograd
  - 71-003578
- USSR: Volgograd Reservoir
  - 71-005597
  - 71-006509
  - 71-007358
- USSR: White Sea
  - 71-001386
  - 71-001579
  - 71-001695
  - 71-002034
  - 71-004686
  - 71-004864
  - 71-006173
  - 71-006174
  - 71-006175
  - 71-006927
  - 71-006943
  - 71-007241
  - 71-008424
  - 71-009369
- USSR: Yenisey
  - 71-008835
- USSR: Yenisey River
  - 71-006367
- USSR: Yuribey River
  - 71-004848

...CONTINUED...

- USSR: Yuribey River
  - 71-005865
- Utah
  - 71-000078
  - 71-007834
  - 71-008619
  - 71-009681
  - 71-009681
  - 71-009858
  - 71-012024
  - 71-012024
  - 71-012275
  - 71-012440
  - 71-013474
- Utah, Southern
  - 71-013467
- Utah: Bear Lake
  - 71-005832
  - 71-008861
- Utah: Colorado River
  - 71-008043
- Utah: Flaming Gorge Reservoir
  - 71-001204
  - 71-001344
  - 71-005861
  - 71-007303
  - 71-007342
  - 71-013112
  - 71-013127
- Utah: Great Salt Lake
  - 71-001366
- Utah: Green River
  - 71-013071
- Utah: Joes Valley Reservoir
  - 71-008341
  - 71-008341
- Utah: Lake Powell
  - 71-001216
  - 71-001341
  - 71-006669
  - 71-006976
  - 71-007102
  - 71-012159
  - 71-012433
- Utah: Logan River
  - 71-005910
  - 71-012422
- Utah: San Rafael River
  - 71-008044
- Venezuela
  - 71-005582
  - 71-005848
  - 71-006218
  - 71-006727
  - 71-007376
  - 71-008000
  - 71-008908
  - 71-009696
  - 71-013273
  - 71-013309
- Venezuela, Eastern
  - 71-007444
- Venezuela: Cariaco Trench
  - 71-006773
- Venezuela: Gulf of Carioco
  - 71-009099
- Venezuela: Isla de Cubagua
  - 71-009499
  - 71-009499
- Venezuela: Lake Valencia
  - 71-000695
  - 71-005665
  - 71-007392
- Vermont
  - 71-010300
  - 71-012186
- Vermont: Lake Champlain
  - 71-010344
- Vermont: Lake Memphremagog
  - 71-001166
  - 71-001201
  - 71-006057
  - 71-007142
  - 71-008339
- Vermont: White River
  - 71-011907
- Viet Nam
  - 71-006654
- Virgin Islands
  - 71-006227
  - 71-009946
  - 71-012590
- Virginia
  - 71-010294
  - 71-012002
  - 71-012162
  - 71-012966
- Virginia, Eastern Shore
  - 71-005801
- Virginia, Southeastern
  - 71-007953
- Virginia: Chestnut Creek
  - 71-010909
- Virginia: Chickahominy Reservoir
  - 71-000002
  - 71-000003
  - 71-000041
  - 71-010599
- Virginia: Chincoteague Bay
  - 71-009836
- Virginia: Claytor Lake
  - 71-007040
  - 71-013079
- Virginia: Clinch River
  - 71-008032
  - 71-010528
- Virginia: East River
  - 71-008218
- Virginia: Fairfax Cty.
  - 71-007974
- Virginia: Holiday Creek
  - 71-007678
- Virginia: Hopewell: James River
  - 71-010400
- Virginia: James River
  - 71-002067
  - 71-004713
  - 71-006746
  - 71-007328
  - 71-008017
  - 71-010490
- Virginia: Louisa Cty.: Lake Anna
  - 71-001285
- Virginia: Lynnhaven Bay
  - 71-008183
- Virginia: New River
  - 71-001219
  - 71-007256
  - 71-008134
  - 71-010114
  - 71-010440
  - 71-010441
  - 71-010442
  - 71-012573
- Virginia: North Fork Holston River
  - 71-010198
  - 71-010199
- Virginia: Piankatank River
  - 71-008060
- Virginia: Plum Creek
  - 71-010288
- Virginia: Rappahannock River
  - 71-004769
- Virginia: Roanoke River
  - 71-001275
  - 71-004641
- Virginia: Smith Mountain Lake
  - 71-001321
  - 71-001348
  - 71-007192
  - 71-007243
  - 71-012056
  - 71-012057
  - 71-012057
  - 71-013082
- Virginia: Smith Mountain Pump Storage Project
  - 71-013495
- Virginia: South Fork Holston River
  - 71-007952
- Virginia: South Fork Shenandoah
  - 71-010227
- Virginia: York River
  - 71-006667
  - 71-007311
- Virginia: York River Channel
  - 71-006667
- Virginia: York River Estuary
  - 71-005527
  - 71-005528
- Wales
  - 71-004432
  - 71-004572
  - 71-005962
  - 71-006567
  - 71-006569
  - 71-008892
  - 71-009241
  - 71-009272
  - 71-009403
  - 71-010138
- Wales: Llyn Dwythwch
  - 71-007174
  - 71-012443
  - 71-012443
- Wales: Llyn Tegid
  - 71-007673
- Wales: River Dee
  - 71-007673
- Wales: River Wye
  - 71-006045
  - 71-008340
  - 71-010513
- Wales: Taff Bargoed
  - 71-010415
- Wales: Upper Wye
  - 71-006046
- Washington
  - 71-000173
  - 71-000256
  - 71-006416
  - 71-006788
  - 71-007170
  - 71-007717
  - 71-008285
  - 71-008344
  - 71-008873
  - 71-008976
  - 71-010084
  - 71-011639
  - 71-011896
  - 71-011962
  - 71-012031
  - 71-012217
  - 71-012236
  - 71-012266
  - 71-012270
  - 71-012271
  - 71-012489
  - 71-013280
- Washington, Coastal
  - 71-001107
  - 71-009170
- Washington: Banks Lake
  - 71-012084
- Washington: Columbia River
  - 71-001491

...CONTINUED...

Washington: Columbia River
  71-005552
  71-006631
  71-006841
  71-007887
  71-009247
  71-009501
  71-009616
Washington: Columbia River Estuary
  71-008075
Washington: Crab Creek
  71-008039
  71-008039
Washington: Duwamish River Estuary
  71-009800
Washington: Grant Cty.: Banks Lake
  71-012084
  71-013114
  71-013114
Washington: Hard Creek
  71-007741
Washington: Henderson Inlet
  71-000628
  71-000628
Washington: Lake Washington
  71-005907
  71-005907
  71-005925
  71-005925
  71-006138
  71-006866
  71-006885
  71-006887
  71-007227
  71-012846
Washington: Little Goose Dam
  71-012684
Washington: Pacific Ocean
  71-005976
  71-005977
  71-005978
  71-006249
  71-007835
Washington: Palouse River
  71-008041
Washington: Puget Sound
  71-001298
  71-005558
  71-005906
  71-006604
  71-006778
  71-007280
  71-007698
  71-008084
  71-008261
  71-008387
  71-009083
  71-009110
  71-012103
  71-012438
Washington: Seattle: Duwamish River
  71-009980
Washington: Skagit River
  71-011939
Washington: Snake River
  71-006623
  71-007713
  71-009616
  71-012363
  71-012694
Washington: Wapato Lake
  71-006375
  71-006376
  71-008374
  71-010498
Washington: Yakima River
  71-009040
West Germany
  71-006072
  71-006072
  71-008757
  71-009745
  71-009877
  71-010132
  71-010154
  71-011892
West Germany: Elbe River
  71-009869
West Germany: Lake Constance
  71-006629
  71-008347
West Germany: Lower Elbe
  71-009868
West Germany: Starnberger See
  71-012560
West Indies
  71-006123
West Virginia
  71-006925
  71-007818
  71-011771
West Virginia: Braxton Cty.: Sutton Reservoir
  71-007062
West Virginia: East River
  71-008218
West Virginia: Fernow Experimental Forest
  71-013476
West Virginia: Gauley River
  71-007925
West Virginia: Grant Cty.
  71-000097
West Virginia: Grant Cty.: Mt. Storm Reservoir
  71-008381
West Virginia: Greenbrier Cty.: Buckeye Creek Cave
  71-002062
West Virginia: Greenbrier Cty.: Lake Sherwood
  71-006161
West Virginia: Greenbrier River
  71-007924
  71-009903
West Virginia: Kanawha River
  71-010281
West Virginia: Monongahela River Basin
  71-004807
  71-004807
West Virginia: Monroe Cty.: Moncove Lake
  71-001094
  71-007349
West Virginia: Nicholas Cty.: Summersville Lake
  71-001322
West Virginia: Ohio River
  71-007443
West Virginia: Randolph Cty.: Glady Fork
  71-001494
West Virginia: Randolph Cty.: Spruce Knob Lake
  71-001115
  71-001319
  71-001355
  71-006633
  71-011979
  71-013026
  71-013026
West Virginia: Randolph Cty: Spruce Knob Lake
  71-001355
West Virginia: Summers Cty.: Bluestone Reservoir
  71-007062
  71-007063
West Virginia: Wayne Cty.: East Lynn Lake
  71-006430
  71-006794
  71-013062
  71-013062
West Virginia: Wayne Cty.: Lynn Creek
  71-006315
West Virginia: Wayne Cty.: Twelvepole Creek
  71-005583
  71-006429
  71-009816
White Sea
  71-004867
  71-008424
  71-008424
Wisconsin
  71-000024
  71-000333
  71-000365
  71-001097
  71-001218
  71-001687
  71-002543
  71-004578
  71-005368
  71-005369
  71-005543
  71-005544
  71-005545
  71-005591
  71-005928
  71-005929
  71-008300
  71-008320
  71-008404
  71-008436
  71-009391
  71-009479
  71-009481
  71-009484
  71-010201
  71-011588
  71-011809
  71-011888
  71-011969
  71-011969
  71-011970
  71-012415
  71-012415
  71-012425
  71-012601
  71-012869
  71-012891
  71-012891
  71-012896
  71-012902
  71-012957
  71-012958
  71-013016
  71-013017
  71-013017
Wisconsin, Southeastern
  71-009482
Wisconsin: Barron Cty.: Red Cedar River
  71-009989
  71-009989
Wisconsin: Bayfield Cty.
  71-011572
Wisconsin: Black Earth Creek
  71-010054
Wisconsin: Brule River
  71-005356
  71-012167
Wisconsin: Chippewa River
  71-003069
Wisconsin: Dane Cty.: Lake Mendota
  71-006647
Wisconsin: Dane Cty.: Lake Monona
  71-008910
Wisconsin: Dane Cty.: Roxbury Creek
  71-007109
Wisconsin: Forest Cty.: Bug Lake
  71-011613
Wisconsin: Iowa Cty.: Trout Creek
  71-012389
Wisconsin: Lake Mendota
  71-005117
  71-007442
Wisconsin: Lake Michigan
  71-006496
Wisconsin: Lake Wingra
  71-000008
  71-001349
  71-005932
  71-007442
Wisconsin: Lake Winnebago
  71-007665
Wisconsin: Larson Lake
  71-006703
Wisconsin: Lawrence Creek
  71-006305
  71-011968
Wisconsin: Madison Lakes
  71-001176
Wisconsin: Marathon Cty.: Big Eau Pleine Reservoir
  71-013075
  71-013075
Wisconsin: Murphy Flowage
  71-012214
Wisconsin: Pallette Lake
  71-006612
  71-006894
Wisconsin: Pike River
  71-009477
Wisconsin: Plover River
  71-006073
  71-006074
Wisconsin: Portage
  71-010247
Wisconsin: Portage Cty.: Buena Vista Marsh
  71-011959
  71-011960
  71-012070
Wisconsin: Red Cedar River
  71-006074
  71-009990
  71-009990
Wisconsin: Rock River
  71-012287
Wisconsin: Sawyer Cty.
  71-005563
Wisconsin: Shawano Cty.: Sportsman Lake
  71-012392
Wisconsin: Two Rivers: Point Beach Nuclear Plant
  71-012216
Wisconsin: Vernon Cty.: Seas Branch Creek
  71-012285
  71-012285
Wisconsin: Vilas Cty.
  71-006441
Wisconsin: Vilas Cty.: Escanaba Lake
  71-012176
  71-012866
Wisconsin: Vilas Cty.: Nebish Lake
  71-006011
  71-006011
Wisconsin: Vilas Cty.: Rice Creek
  71-004780
Wisconsin: Vilas Cty.: Stormy Lake
  71-012881
Wisconsin: Vilas Cty: Escanaba Lake
  71-006012
Wisconsin: Westfield Creek
  71-011864
Wyoming
  71-001069
  71-001088
  71-004695
  71-005543
  71-005544
  71-005545
  71-005549
  71-006472
  71-007834
  71-008601
  71-010306
  71-010368
  71-010607
  71-011753
  71-011916
  71-011916
  71-011918
  71-011919
  71-012027
  71-012027
  71-012218
  71-012516
  71-012629
  71-012828
  71-012918
  71-012918
  71-012919
  71-012938
  71-012938
  71-012982
  71-013479
Wyoming, Southeastern
  71-009685
  71-009686
Wyoming: Flaming Gorge Reservoir
  71-001204
  71-001344
  71-005861
  71-007303

...CONTINUED...
Wyoming: Flaming Gorge Reservoir
71-007342
71-013112
71-013127
Wyoming: Flat Creek
71-012255
Wyoming: Fontenelle Reservoir
71-006154
Wyoming: Goose Creek
71-009969
Wyoming: Grand Teton Natl. Park
71-012903
Wyoming: Green River
71-006154
71-012288
71-012288
71-012998
Wyoming: Laramie River
71-008406
Wyoming: Little Brooklyn Lake
71-012836
Wyoming: North Platte River Reservoirs
71-001070
Wyoming: North Platte River System
71-001083
Wyoming: Pole Creek
71-011978
71-011978
Wyoming: Powder River
71-005842
71-007934
Wyoming: Seminoe Reservoir
71-001071
Wyoming: Smiths Fork River
71-012111
Wyoming: Snake River
71-005680
Wyoming: Tongue River
71-009969
Wyoming: Yellowstone Natl. Park
71-006649
71-008295
71-011762
Wyoming: Yellowstone Natl. Park: Firehole River
71-001103
71-006005
71-006346
71-007505
Wyoming: Yellowstone Natl. Park: Yellowstone Lake
71-005112
71-012254
Yugoslavia
71-007949
71-007949
71-008474
71-010214
Yugoslavia: Piva River
71-009729
Yugoslavia: Skadar Lake
71-006840
71-007034
71-007261
71-007981
Zaire
71-007702
Zambia: Kafue Gorge Dam
71-011909
71-011909
71-012934
Zambia: Kafue River
71-006006
Zambia: Lake Bangweulu
71-007468
71-012906
71-012906
Zambia: Lake Tanganyika
71-007701

- Abramis ballerus
  - Population Studies
    - 71-006009
- Abramis brama
  - Abundance/Factors of
    - 71-004307
    - 71-008305
    - 71-008371
    - 71-008372
  - Age/Growth
    - 71-005971
    - 71-007458
  - Bacterial Diseases
    - 71-009156
  - Blood Chemistry
    - 71-006652
  - Distribution/Factors of
    - 71-008371
  - Early Development
    - 71-001856
    - 71-001857
  - Egg Resorption
    - 71-004308
  - Embryology
    - 71-002871
  - Eutrophication
    - 71-008305
  - Fecundity
    - 71-004307
  - Foods/Feeding
    - 71-006807
    - 71-007046
    - 71-007356
  - Immune Response
    - 71-009156
  - Management/Research--Lakes
    - 71-005946
    - 71-008305
  - Morphology
    - 71-001727
    - 71-001859
  - Movements
    - 71-006620
  - Nuptial Tubercles
    - 71-003982
  - Nutrition
    - 71-004307
  - Oxygen
    - 71-002871
  - Parasites/Diseases
    - 71-009156
  - Population Studies
    - 71-005946
    - 71-005971
    - 71-012837
  - Production
    - 71-005971
  - Reproductive System
    - 71-002825
  - Salinity
    - 71-008371
  - Schooling Behavior
    - 71-004961
    - 71-005289
  - Spawning
    - 71-006243
    - 71-006446
    - 71-006505
  - Taste and Odor Problems
    - 71-010357
  - Trophic Relationships
    - 71-006807
  - Variation Studies
    - 71-004660
    - 71-004813
- Abramis brama orientalis
  - Age/Growth
    - 71-007532
  - Blood Chemistry
    - 71-003603
  - Condition Factors
    - 71-006366
    - 71-007531
  - Foods/Feeding
    - 71-006751
    - 71-006774
    - 71-007532
  - Life History/General
    - 71-005666
  - Maturity
    - 71-006366
  - Meristic Studies
    - 71-005666
  - Morphology
    - 71-005666
  - Population Studies
    - 71-010405
  - Spawning
    - 71-006366
  - Thermal Pollution
    - 71-010405
  - Trophic Relationships
    - 71-006774
- Abramis brama X Rutilus rutilus
  - Hybrid Identification
    - 71-004553
- Abramis brama X Scardinius erythrophthalmus
  - Hybrid Identification
    - 71-004553
- Abudefduf
  - Electrophoresis
    - 71-004627
  - Evolution
    - 71-004627
  - Taxonomy
    - 71-008615
- Abudefduf abdominalis
  - Age/Growth
    - 71-007553

...CONTINUED...

- Abudefduf abdominalis
  - Temperature
    - 71-007553
  - Temperature Selection
    - 71-005217
  - Thermal Pollution
    - 71-005217
- Abudefduf lachrymatus
  - Territorial Behavior
    - 71-005355
- Abudefduf luridus
  - Habitat Selection
    - 71-005183
  - Spawning
    - 71-005183
- Abudefduf saxatilis
  - Distribution/Geographical
    - 71-008086
  - Spawning
    - 71-006419
- Abudefduf sexfasciatus
  - Taxonomy
    - 71-008450
- Abyssocottidae
  - Seismosensory System
    - 71-001961
- Acanthaluteres spilomelanurus
  - Foods/Feeding
    - 71-007054
- Acanthemblemaria crockeri
  - Coloration
    - 71-001731
- Acanthochaenus lutkenii
  - Cestodes
    - 71-009564
  - Parasites/Diseases
    - 71-009564
  - Philobythos atlanticus
    - 71-009564
- Acanthocybium solandri
  - Harvest
    - 71-005651
  - Life History/General
    - 71-005651
  - Management/Research--Marine
    - 71-005651
  - Nematobothrium spinneri
    - 71-009759
  - Neometadidymozoon helicis
    - 71-009759
  - Parasites/Diseases
    - 71-009759
  - Trematodes
    - 71-009759
- Acanthodes
  - Paleontology
    - 71-008887
- Acanthodes lundi
  - Paleontology
    - 71-008886
- Acanthogobius flavimanus
  - Chlordane
    - 71-010311
  - CNP
    - 71-010310
  - Excretory System
    - 71-004159
  - Herbicides
    - 71-010310
  - Induced Maturation
    - 71-002122
  - Insecticides
    - 71-010311
  - Niobium
    - 71-004159
  - Parasites/Diseases
    - 71-010005
  - Tumors
    - 71-010005
  - Vision
    - 71-005253
  - Zirconium
    - 71-004159
- Acanthonus armatus
  - Distribution/Geographical
    - 71-007875
- Acanthopagrus berda
  - Foods/Feeding
    - 71-006785
  - Mouth Parts
    - 71-006785
- Acanthopagrus cuvieri
  - Algal Infections
    - 71-009949
  - Parasites/Diseases
    - 71-009949
- Acanthopagrus schlegeli
  - Bacterial Diseases
    - 71-009117
  - Early Development
    - 71-001643
  - Flexibacter
    - 71-009117
  - Gill Parasites
    - 71-009843
  - Gills
    - 71-001643
  - Haliotrema kurodai
    - 71-009845
  - Lamellodiscus
    - 71-009843
  - Parasites/Diseases
    - 71-009117
    - 71-009843
    - 71-009845
  - Trematodes
    - 71-009843
    - 71-009845
- Acanthuras dussumieri
  - Electrophoresis
    - 71-004691
- Acanthurus coeruleus
  - Schooling Behavior
    - 71-004873
- Acanthurus triostegus sandvicensis
  - Temperature Selection
    - 71-005217
  - Thermal Pollution
    - 71-005217
- Acentrogobius belissimus
  - Distribution/Geographical
    - 71-007880
- Acerina cernua
  - Antiseptics
    - 71-010725
  - Embryology
    - 71-003262
  - Foods/Feeding
    - 71-007046
  - Helminths
    - 71-009877
  - Henneguya
    - 71-009281
  - Induced Maturation
    - 71-002684
  - Life History/General
    - 71-005588
    - 71-005690
  - Myxosporida
    - 71-009281
  - Parasites/Diseases
    - 71-009281
    - 71-009877
  - Population Studies
    - 71-005588
  - Protozoan Diseases
    - 71-009281
  - Reproductive System
    - 71-002367
- Achirus lineatus
  - Foods/Feeding
    - 71-006984
- Achoerodus gouldii
  - Harveytrema bisulcatum
    - 71-009750
  - Parasites/Diseases
    - 71-009750
  - Trematodes
    - 71-009750
- Acipenser
  - Blood Chemistry
    - 71-003436
    - 71-003630
  - Skeletal System
    - 71-001652
- Acipenser baeri
  - Abundance/Factors of
    - 71-008440
  - Age/Growth
    - 71-007628
  - Flow Regimes
    - 71-008440
  - Management/Research--Rivers and Streams
    - 71-006147
  - Olfaction
    - 71-001398
  - Population Studies
    - 71-006147
    - 71-006522
  - Reservoir Release Effects
    - 71-008440
  - Spawning
    - 71-006522
    - 71-008440
- Acipenser brevirostrum
  - Bibliographies
    - 71-005650
  - Early Development
    - 71-001999
  - Hermophroditism
    - 71-002164
  - Life History/General
    - 71-005550
    - 71-005650
    - 71-005850
    - 71-010287
  - Management/Research--General
    - 71-005650
  - Movements
    - 71-006674
  - Nematodes
    - 71-008896
  - Parasites/Diseases
    - 71-002164
    - 71-008896
  - Power Plant Effluents
    - 71-010287
  - Spawning
    - 71-006537
  - Status
    - 71-008414
    - 71-010287
  - Tumors
    - 71-002164
- Acipenser fluvescens
  - Abundance/Factors of
    - 71-006102
  - Age/Growth
    - 71-012891
  - Exploitation Rates
    - 71-012891
  - Harvest
    - 71-006102
  - Life History/General
    - 71-005591
    - 71-012891
  - Management/Research--General
    - 71-005591

...CONTINUED...

- Acipenser fluvescens
  - Management/Research--Lakes
    - 71-012891
  - Population Studies
    - 71-006102
    - 71-012891
- Acipenser guldenstadti
  - Amino Acids
    - 71-002141
  - Culture/Propagation
    - 71-002686
  - Electrophoresis
    - 71-004044
  - Embryology
    - 71-001754
    - 71-002141
  - Endocrinology
    - 71-003821
    - 71-004448
  - Flow Regimes
    - 71-006560
  - Hormones
    - 71-004448
  - Induced Maturation
    - 71-002686
  - Metabolism
    - 71-003578
  - Osmoregulation
    - 71-003306
  - Parasites/Diseases
    - 71-008902
  - Population Studies
    - 71-006560
  - Reproductive System
    - 71-004283
  - Salinity
    - 71-003306
    - 71-004083
    - 71-004084
  - Spawning
    - 71-006180
    - 71-006560
  - Thermal Pollution
    - 71-003578
  - Trawls
    - 71-012561
- Acipenser medirostris
  - Commercial Fishing
    - 71-013278
  - Management/Research--General
    - 71-013278
  - Spawning
    - 71-006358
- Acipenser oxyrhynchus
  - Culture/Propagation
    - 71-000652
  - Distribution/Geographical
    - 71-008203
  - Hermaphroditism
    - 71-002164
  - Induced Maturation
    - 71-000652
  - Life History/General
    - 71-005763
  - Nematodes
    - 71-008896
  - Parasites/Diseases
    - 71-002164
    - 71-008896
  - Status
    - 71-008414
  - Tumors
    - 71-002164
- Acipenser ruthenus
  - Ampullary System
    - 71-001650
  - Electroreception
    - 71-001650
  - Endocrinology
    - 71-004516
  - Foods/Feeding
    - 71-007358
  - Life History/General
    - 71-005856
    - 71-005859
  - Maturation
    - 71-006509
  - Olfaction
    - 71-001398
  - Radiation
    - 71-004516
- Acipenser ruthenus marsilii
  - Reproductive System
    - 71-003287
- Acipenser stellatus
  - Body Form
    - 71-001699
  - Cardio-Vascular System
    - 71-001818
  - Culture/Propagation
    - 71-000313
    - 71-000361
    - 71-003294
  - Embryology
    - 71-002442
  - Endocrinology
    - 71-002574
    - 71-002830
  - Flow Regimes
    - 71-006560
  - Hormones
    - 71-002830
  - Hydrodynamics
    - 71-001855
  - Induced Maturation
    - 71-000361
  - Locomotion
    - 71-001855

...CONTINUED...
Acipenser stellatus
Movements
71-006687
Osmoregulation
71-003306
Parasites/Diseases
71-008902
Population Studies
71-006560
Reproduction
71-002574
71-004235
Reproductive System
71-000313
71-003294
Salinity
71-003306
Spawning
71-006560
Trawls
71-012561
Acipenser transmontanus
Abundance
71-005542
Age/Growth
71-005542
71-007525
Cardio-Vascular System
71-001449
Commercial Fishing
71-013278
Fin Pulling
71-012336
Gills
71-001449
Habitat Selection
71-006630
Life History/General
71-005595
Management/Research--General
71-005595
71-013278
Marking/Tagging
71-012336
Movements
71-005542
71-006630
71-006631
Spawning
71-006358
Acipenseridae
Acoustico-Lateralis System
71-002603
Age/Growth
71-007548
Cage Culture
71-000643
Corticosteroids
71-002189
Culture/Propagation
71-000295
71-000385
71-000643
71-000644
71-007548
Early Development
71-004162
Eggs
71-001753
Embryology
71-001399
71-002603
71-003645
Endocrinology
71-002189
Hormones
71-003822
Olfaction
71-004293
Osmoregulation
71-003305
Oxygen
71-002438
71-003271
Reproduction
71-003822
Salinity
71-002438
Stress
71-002438
Temperature
71-002438
71-003645
Acrocheilus alutaceus
Paleontology
71-001478
Skeletal System
71-001478
Acromycter alcocki
Identification/Larvae
71-001970
Morphology
71-001970
Adinia xenica
Embryology
71-003280
Adioryx suborbitalis
Foods/Feeding
71-007101
Aequidens latifrons
Nervous System
71-003137
Aequidens paraguayensis
Spawning
71-006349
Aetabatus flagellum
Echinocephalus sinensis
71-009744

...CONTINUED...
Aetabatus flagellum
Nematodes
71-009744
Aetobatis narinari
Spawning
71-006552
Africa: Lake Kariba Studies
71-005483
Agonidae
Identification
71-007710
Agonomalus mozinoi
Early Development
71-006401
New Species
71-008866
Spawning
71-006401
Agosia chrysogaster
Age/Growth
71-005709
Copper
71-011043
Foods/Feeding
71-007220
Heavy Metals
71-011043
Manganese
71-011043
Spawning
71-005709
Zinc
71-011043
Agrammus agrammus
Habitat Selection
71-005121
Nets/Netting
71-012556
Albulidae
Morphology
71-001586
Alburnoides bipunctatus ohridanus
Biological Indicators
71-010453
Alburnus alburnus
Fishing Gear
71-012632
Heavy Metals
71-011036
Herbicides
71-010609
Hybridization
71-004853
Nets/Netting
71-012632
Titanium-Dioxide Effluents
71-011036
2,4-D
71-010609
Alburnus alburnus alborella
Ammonia
71-008944
Bacterial Diseases
71-008944
Foods/Feeding
71-006928
Fungal Diseases
71-008944
Parasites/Diseases
71-008944
Trophic Relationships
71-006928
Aldrichetta forsteri
Cadmium
71-011179
Chromium
71-011179
Heavy Metals
71-011179
Zinc
71-011179
Alectridium auranticum
Distribution/Geographical
71-008736
Taxonomy
71-008736
Alepes macrurus
Distribution/Geographical
71-008214
Alepisaurus
Meristic Studies
71-001694
Alepocephaloidea
Taxonomy
71-008668
Alepocephalus
Alimentary Tract
71-002029
Alepocephalus agassizi
Abyssotrema pritchardae
71-009562
Cestodes
71-009556
Hudsonia agassizi
71-009559
Parasites/Diseases
71-009556
71-009559
71-009562
Pseudophyllidae
71-009556
Trematodes
71-009559
71-009562
Alepocephalus bairdi
Foods/Feeding
71-005610
Morphology
71-005610

Alestes imberi
Life History/General
71-005733
Algansea
Taxonomy
71-008470
71-008471
Allolepis hollandi
Mucus
71-002922
Allothunnus fallai
Distribution/Geographical
71-005883
71-008156
Life History/General
71-005883
Lipid Composition
71-002259
Allotoca maculata
New Species
71-008792
Alopias superciliosus
Life History/General
71-005843
Alopias vulpinus
Cardio-Vascular System
71-002814
Distribution/Geographical
71-007890
Life History/General
71-006312
Reproduction
71-006312
Alosa
Population Studies
71-012955
Alosa aestivalis
Abnormalities
71-001681
Chlorine
71-011162
71-011163
Distribution/Geographical
71-007990
Foods/Feeding
71-006869
Heavy Metals
71-010819
Identification/Larvae
71-008509
Life History/General
71-005712
Otoliths
71-001893
Power Plant Effluents
71-011162
71-011163
Spawning
71-005712
Temperature
71-001681
71-003979
Thermal Pollution
71-003979
Thermal Shock
71-001681
Trace Metals
71-010819
Variation Studies
71-004710
Alosa alosa
Abnormalities
71-010506
Sewage Effluents
71-010506
Alosa chrysochloris
Distribution/Factors of
71-007805
Distribution/Geographical
71-007805
Alosa fallax
Age/Growth
71-006597
Movements
71-006597
Alosa fallax lacustris
Foods/Feeding
71-006928
Trophic Relationships
71-006928
Alosa pseudoharengus
Acoustical Methods
71-013403
Activity Patterns
71-005337
Bioenergetics
71-007328
Blood Chemistry
71-002470
Chemical Reclamation
71-013033
Chlorine
71-011351
Competition
71-006844
Digestion Rates
71-006915
Distribution/Vertical
71-005507
71-006662
71-007001
Ecology
71-005572
Endocrinology
71-002361
71-004085
Fecundity
71-006313

...CONTINUED...
Alosa pseudoharengus
Foods/Feeding
71-005507
71-007001
71-007002
71-007004
71-007040
71-007201
71-007331
Foods/Feeding/Selectivity
71-006915
71-007003
71-007328
Forage Introductions
71-013079
Hermaphroditism
71-002995
Identification
71-008531
Identification/Larvae
71-008509
Management/Research--Ponds
71-013033
Management/Research--Reservoirs
71-013079
Metabolism
71-004110
Modeling
71-006032
Mortality Factors
71-002361
71-004110
Mortality Rates
71-006032
Mucus
71-002470
Nets/Netting
71-012566
Otoliths
71-001893
Parasites/Diseases
71-009459
Piscine Erythrocytic Necrosis
71-009459
Population Studies
71-005507
71-006032
71-006090
71-012821
Predator/Prey Relationships
71-006844
71-013033
Reproduction
71-006313
Salinity
71-002470
Spawning
71-006254
Spawning Migration
71-006032
71-006254
Stocking/Introductions
71-013033
71-013079
Styrenes
71-010248
Temperature
71-004101
71-005507
Temperature Selection
71-005263
71-005507
Thermal Regulation
71-004101
Trophic Relationships
71-006254
71-007040
71-013079
Viral Diseases
71-009459
Alosa sapidissima
Activity Patterns
71-005124
71-006345
Anesthetics
71-011173
Bioenergetics
71-006283
Commercial Fishing
71-012199
Culture/Propagation
71-000292
71-000820
71-011173
Dams
71-012971
Diets
71-000292
Distribution/Factors of
71-006224
Embryology
71-010365
Fecundity
71-006382
Feeding Experiments
71-000292
71-000820
Fish Passage
71-012689
71-012703
Fishways
71-012971
Foods/Feeding
71-006869
Gas Bubble Disease
71-009522
Life History/General
71-005522
71-005534

...CONTINUED...
- Alosa sapidissima
  - Light
    - 71-005124
  - Management/Research--Marine
    - 71-012199
    - 71-013206
  - Management/Research--Rivers and Streams
    - 71-012971
  - Movements
    - 71-005534
    - 71-006618
    - 71-006660
  - MS-222
    - 71-011173
  - Nutrition
    - 71-000820
  - Orientation/Homing
    - 71-006219
  - Osmoregulation
    - 71-003398
  - Parasites/Diseases
    - 71-009522
  - Photoperiodism
    - 71-005124
  - Reproduction
    - 71-006219
  - Restoration of Anadromous Runs
    - 71-006283
    - 71-012971
  - Sodium Chloride
    - 71-011173
  - Spawning
    - 71-005534
    - 71-006224
    - 71-006382
  - Spawning Migration
    - 71-006283
    - 71-006345
    - 71-006677
  - Swimming Speed
    - 71-006660
  - Telemetry
    - 71-012335
  - Temperature
    - 71-003979
    - 71-010365
  - Thermal Pollution
    - 71-003979
    - 71-010365
  - Transportation
    - 71-000964
    - 71-011173
  - Valium
    - 71-011173
  - Variation Studies
    - 71-006219
- Ambassis interrupta
  - Metabolic Rates
    - 71-003658
  - Salinity
    - 71-003658
- Ambloplites
  - Taxonomy
    - 71-008502
    - 71-008503
- Ambloplites cavifrons
  - Cleidodiscus ektyphus
    - 71-009793
  - Parasites/Diseases
    - 71-009793
  - Trematodes
    - 71-009793
- Ambloplites constellatus
  - New Species
    - 71-008503
- Ambloplites rupestris
  - Acidification
    - 71-010398
  - Age/Growth
    - 71-007595
    - 71-007669
  - Aggressive Behavior
    - 71-004935
  - Biological Indicators
    - 71-010398
  - Cleidodiscus stentor
    - 71-009667
  - Competition
    - 71-006919
  - Condition Factors
    - 71-007595
  - Early Development
    - 71-001463
  - Epistylis niagarae
    - 71-009263
  - Ergasilus centrarchidarum
    - 71-009667
  - Foods/Feeding
    - 71-006919
    - 71-007080
  - Gill Parasites
    - 71-008949
    - 71-008951
    - 71-009667
  - Habitat Selection
    - 71-006919
  - Heavy Metals
    - 71-011022
  - Maturation
    - 71-007595
  - Mercury
    - 71-011022
  - Parasites/Diseases
    - 71-008949
    - 71-008951
    - 71-009263
    - 71-009667

...CONTINUED...
- Ambloplites rupestris
  - Parasitic Copepods
    - 71-009667
  - Protozoan Diseases
    - 71-009263
  - Spawning
    - 71-006295
  - Sulfur Dioxide
    - 71-010398
  - Temperature Selection
    - 71-005318
  - Trematodes
    - 71-009667
  - Vision
    - 71-001965
- Amblycirrhitus earnshawi
  - New Species
    - 71-008658
- Amblyopidae
  - Aggressive Behavior
    - 71-004892
- Amblyopsis spelaea
  - Abnormalities
    - 71-009731
  - Acanthocephala
    - 71-009838
  - Broken Back Syndrome
    - 71-009731
  - Neoechinorhynchus cylindratus
    - 71-009838
  - Parasites/Diseases
    - 71-009731
    - 71-009838
  - Pesticides
    - 71-009731
- Amia
  - Mouth Parts
    - 71-001709
- Amia calva
  - Air Breathing
    - 71-003776
  - Blood Chemistry
    - 71-002900
    - 71-003775
  - Endocrinology
    - 71-002900
  - Foods/Feeding
    - 71-001710
    - 71-007058
  - Hormones
    - 71-002900
  - Macroderoides trilobatus
    - 71-009950
  - Mouth Parts
    - 71-001710
  - Nervous System
    - 71-001766
  - Parasites/Diseases
    - 71-009950
  - Respiration
    - 71-003776
  - Respiratory System
    - 71-003775
  - Salinity
    - 71-002900
  - Skeletal System
    - 71-001428
  - Temperature
    - 71-005320
  - Temperature Selection
    - 71-005320
  - Trematodes
    - 71-009950
  - Vision
    - 71-004039
- Amia kehreri
  - Paleontology
    - 71-008583
- Amiidae
  - Palentology
    - 71-008582
- Ammocrypta
  - Distribution/Geographical
    - 71-008216
  - Taxonomy
    - 71-008870
  - Zoogeography
    - 71-008216
- Ammocrypta pellucida
  - Distribution/Geographical
    - 71-007708
- Ammodytes americanus
  - Fecundity
    - 71-005875
  - Length-Weight Relationships
    - 71-005875
  - Life History/General
    - 71-005744
  - Predator/Prey Relationships
    - 71-007161
- Ammodytes dubius
  - Aestivation
    - 71-005279
  - Distribution/Geographical
    - 71-005279
- Ammodytes hexapterus
  - Defensive Behavior
    - 71-005024
  - Foods/Feeding
    - 71-006927
  - Schooling Behavior
    - 71-005336
- Ammodytes marinus
  - Spawning
    - 71-006173
- Ammodytes personatus
  - Condition Factors
    - 71-007613

...CONTINUED...
- Ammodytes personatus
  - Foods/Feeding
    - 71-007223
- Ammotretis rostrata
  - Digestive System
    - 71-002861
  - Nervous System
    - 71-002861
- Amphipnous cuchia
  - Air Breathing
    - 71-003556
  - Blood Chemistry
    - 71-003556
- Amphiprion
  - Sex Reversal
    - 71-002750
- Amphiprion akallopisos
  - Spawning
    - 71-006273
- Amphiprion melanopus
  - Life History/General
    - 71-005346
  - Spawning
    - 71-006484
  - Territorial Behavior
    - 71-005346
- Amphiprion percula
  - Integument
    - 71-001637
- Amphiprion polymnus
  - Anemones
    - 71-005422
- Amphistichus argenteus
  - Nerocila californica
    - 71-009961
  - Parasites/Diseases
    - 71-009961
  - Parasitic Isopods
    - 71-009961
  - Skeletal System
    - 71-001803
- Amphistichus rhodoterus
  - Life/History/General
    - 71-005494
  - Parasites/Diseases
    - 71-005494
- Anabantidae
  - Air Breathing
    - 71-001874
- Anabas
  - Sexual Dimorphism
    - 71-001493
- Anabas scandens
  - Heavy Metals
    - 71-011213
    - 71-011214
  - Mercury
    - 71-011213
    - 71-011214
- Anabas testudineus
  - Air Breathing
    - 71-004033
  - Blood Chemistry
    - 71-004033
  - Culture/Propagation
    - 71-000411
  - Foods/Feeding
    - 71-006854
    - 71-007104
  - Induced Maturation
    - 71-000411
  - Mouth Parts
    - 71-001518
  - Parasites/Diseases
    - 71-009856
    - 71-009857
  - Salinity
    - 71-003232
  - Skeletal System
    - 71-001518
  - Spawning
    - 71-007104
  - Tumors
    - 71-009856
    - 71-009857
- Anableps
  - Foods/Feeding
    - 71-007357
  - Vision
    - 71-007357
- Anableps dowi
  - Life History/General
    - 71-005748
  - Taxonomy
    - 71-005748
- Anarchichthys ocellatus
  - Behavior
    - 71-006987
  - Foods/Feeding
    - 71-006987
- Anarhichas denticulatus
  - Distribution/Geographical
    - 71-007244
  - Predator/Prey Relationships
    - 71-007244
- Anarhichas lupus
  - Dentition
    - 71-001713
  - Foods/Feeding
    - 71-001713
- Anarhichas minor
  - Heavy Metals
    - 71-010041
  - Lead
    - 71-010041
  - Mine Effluents
    - 71-010041
- Anarrhichas lupus
  - Alimentary Tract
    - 71-002034

- Anatolepis
  - Paleontology
    - 71-008149
- Anchoa
  - Distribution/Factors of
    - 71-008223
  - Temperature
    - 71-008223
- Anchoa mitchilli
  - Distribution/Seasonal
    - 71-006667
  - Foods/Feeding
    - 71-006983
    - 71-006984
    - 71-007232
  - Pulp Mill Effluents
    - 71-010276
  - Trophic Relationships
    - 71-007231
- Anchoa panamensis
  - Population Studies
    - 71-006149
  - Production
    - 71-006149
- Ancistrus chagresi
  - Air Breathing
    - 71-003300
- Andriashevia
  - New Genus
    - 71-008561
- Andriashevia aptera
  - New Species
    - 71-008561
- Anguilla
  - Age/Growth
    - 71-007385
    - 71-007500
  - Antigens
    - 71-009799
  - Culture/Propagation
    - 71-000335
    - 71-000353
    - 71-000430
  - Eimeria anguillae
    - 71-009295
  - Electrophoresis
    - 71-003612
  - Endocrinology
    - 71-001412
  - Gyrodactylus
    - 71-009842
  - Identification
    - 71-003612
  - Management/Research--Rivers and Streams
    - 71-006643
  - Meristic Studies
    - 71-001371
  - Metabolic Rates
    - 71-004187
  - Movements
    - 71-006643
    - 71-006644
    - 71-006696
  - Otoliths
    - 71-007500
  - Parasites/Diseases
    - 71-009295
    - 71-009799
    - 71-009842
  - Protozoan Diseases
    - 71-009295
  - Scales
    - 71-007500
  - Telegaster opisthorchis
    - 71-009799
  - Trematodes
    - 71-009799
    - 71-009842
- Anguilla anguilla
  - Abundance/Factors of
    - 71-008305
    - 71-008376
    - 71-008430
  - Acoustico-Lateralis System
    - 71-004312
  - Age/Growth
    - 71-007390
    - 71-007602
    - 71-007604
  - Age/Length Composition
    - 71-007602
  - Alimentary Tract
    - 71-001479
  - Antibiotics
    - 71-011012
  - ATP
    - 71-002061
    - 71-003224
  - Bacterial Diseases
    - 71-009154
    - 71-009183
    - 71-010850
  - Bioenergetics
    - 71-002100
  - Biofiltration
    - 71-000624
  - Blood Chemistry
    - 71-002309
    - 71-002513
    - 71-002515
    - 71-003161
    - 71-003891
    - 71-004216
    - 71-004364
  - Botulism
    - 71-010850
  - Cadmium
    - 71-011190

...CONTINUED...
- Anguilla anguilla
  - Cardio-Vascular System
    - 71-003987
  - Catecholamines
    - 71-003376
    - 71-003792
    - 71-003793
    - 71-010618
  - Cauliflower Disease
    - 71-009602
  - Chloramphenicol
    - 71-011012
  - Clostridium botulinum
    - 71-010850
  - Copper
    - 71-009183
  - Corpuscle of Stannius
    - 71-003545
  - Corticosteroids
    - 71-003416
  - Cortisol
    - 71-002515
    - 71-003162
    - 71-003416
  - Culture/Propagation
    - 71-000279
    - 71-000359
    - 71-000415
    - 71-000624
    - 71-000956
  - Detergents
    - 71-010618
  - Distribution/Geographical
    - 71-006574
    - 71-008233
    - 71-008240
  - Dropsy
    - 71-009646
  - Early Development
    - 71-007390
  - Electrophoresis
    - 71-004655
    - 71-004821
  - Electroreception
    - 71-002234
    - 71-004312
  - Embryology
    - 71-006574
  - Endocrinology
    - 71-002882
    - 71-003097
    - 71-003098
    - 71-003102
    - 71-003103
    - 71-003106
    - 71-003162
    - 71-003275
    - 71-003545
    - 71-003695
    - 71-003696
    - 71-003697
    - 71-003700
    - 71-003701
    - 71-003704
    - 71-004214
  - Enzymes
    - 71-004225
  - Epidermal Papillomas
    - 71-009602
  - Eutrophication
    - 71-008305
  - Excretory System
    - 71-003699
  - Exploitation Rates
    - 71-012904
  - Feeding Experiments
    - 71-000359
  - Fishing Gear
    - 71-012904
  - Foods/Feeding/Selectivity
    - 71-007133
  - Heavy Metals
    - 71-009183
    - 71-010627
    - 71-010809
    - 71-011190
  - Hormones
    - 71-002513
    - 71-002643
    - 71-002730
    - 71-002882
    - 71-003275
    - 71-003695
    - 71-003696
    - 71-003758
    - 71-004079
  - Hypoxia
    - 71-004364
  - Induced Maturation
    - 71-000279
    - 71-000415
    - 71-002100
    - 71-002643
    - 71-002730
  - Lactate Dehydrogenase
    - 71-004821
  - Lipid Composition
    - 71-002513
    - 71-002515
  - Lipid Metabolism
    - 71-002897
  - Locomotion
    - 71-005205
  - Malate Dehydrogenase
    - 71-004821
  - Management/Research--Lakes
    - 71-008305
    - 71-012904

...CONTINUED...
- Anguilla anguilla
  - Mercury
    - 71-010627
    - 71-011190
  - Metabolism
    - 71-004089
  - Morphology
    - 71-002060
  - Movements
    - 71-006613
    - 71-006683
  - Musculature
    - 71-002061
  - Nervous System
    - 71-003504
  - Orientation/Homing
    - 71-005015
  - Osmoregulation
    - 71-002220
    - 71-002293
    - 71-003504
    - 71-003698
    - 71-003699
    - 71-003704
    - 71-004211
    - 71-004212
    - 71-004225
    - 71-004518
  - Oxytetracycline
    - 71-011012
  - Parasites/Diseases
    - 71-009154
    - 71-009183
    - 71-009455
    - 71-009602
    - 71-009646
    - 71-009708
    - 71-009867
    - 71-009868
    - 71-009869
    - 71-010850
  - Population Studies
    - 71-006072
    - 71-008376
    - 71-008430
  - Pseudodactylogyrus microrchis
    - 71-009708
  - Recirculating Systems
    - 71-000624
  - Reproduction
    - 71-002100
    - 71-002730
  - Respiratory System
    - 71-002214
    - 71-003224
  - Rhabdovirus Disease
    - 71-009455
  - Salinity
    - 71-009867
  - Skeletal System
    - 71-001736
  - Sodium Orthovanadate
    - 71-003224
  - Spawning
    - 71-006574
  - Spawning Migration
    - 71-005015
  - Starvation
    - 71-002514
  - Stress
    - 71-003783
  - Swimming Performance
    - 71-005205
  - Temperature
    - 71-003987
    - 71-004212
    - 71-007604
  - Transportation
    - 71-000956
  - Trematodes
    - 71-009708
  - Trichlorfon
    - 71-009708
  - Tumors
    - 71-009867
    - 71-009868
    - 71-009869
  - Vanadate
    - 71-002220
  - Variation Studies
    - 71-004745
    - 71-004746
  - Vibrio
    - 71-009154
  - Vibrio anguillarum
    - 71-009183
  - Vibriosis
    - 71-009154
    - 71-009183
  - Viral Diseases
    - 71-009455
  - Zinc
    - 71-010809
- Anguilla australis
  - Biochemical Composition
    - 71-004406
  - Foods/Feeding
    - 71-006784
  - Harvest
    - 71-012905
  - Helminths
    - 71-009888
  - Lipid Content
    - 71-003037
  - Management/Research--Lakes
    - 71-012905
  - Movements
    - 71-006784

...CONTINUED...
- Anguilla australis
  - Parasites/Diseases
    - 71-008959
    - 71-009888
- Anguilla australis schmidtii
  - Culture/Propagation
    - 71-000920
  - Feeding Experiments
    - 71-000920
  - Foods/Feeding
    - 71-006813
  - Marking/Tagging
    - 71-012359
  - Movements
    - 71-006645
  - Parasites/Diseases
    - 71-009329
  - Protozoan Diseases
    - 71-009329
  - Trichodinid Ciliates
    - 71-009329
  - Trophic Relationships
    - 71-006813
- Anguilla bicolor bicolor
  - Distribution/Geographical
    - 71-008232
- Anguilla dieffenbachii
  - Foods/Feeding
    - 71-006813
  - Helminths
    - 71-009888
  - Movements
    - 71-006645
  - Parasites/Diseases
    - 71-009329
    - 71-009888
  - Protozoan Diseases
    - 71-009329
  - Trichodinid Ciliates
    - 71-009329
  - Trophic Relationships
    - 71-006813
- Anguilla japonica
  - Amino Acids
    - 71-002945
    - 71-003114
  - Bacterial Diseases
    - 71-009120
    - 71-009136
    - 71-009142
    - 71-009165
    - 71-009167
  - Biochemical Composition
    - 71-002415
  - Carbon Dioxide
    - 71-004485
  - Cardio-Vascular System
    - 71-002417
  - Carnosine
    - 71-004349
  - Carotenoids
    - 71-003489
  - Cell Culture
    - 71-002946
    - 71-003625
  - Chemoreception
    - 71-004485
  - Culture/Propagation
    - 71-000909
  - Digestive System
    - 71-004454
  - Electrophoresis
    - 71-004184
    - 71-004821
  - Embryology
    - 71-000522
  - Endocrinology
    - 71-002413
    - 71-002414
    - 71-002415
    - 71-004174
    - 71-004464
    - 71-004465
  - Enzymes
    - 71-002945
    - 71-002947
    - 71-002998
    - 71-004184
  - Feeding Experiments
    - 71-000909
  - Hermaphroditism
    - 71-004166
  - Hormones
    - 71-003114
    - 71-003715
  - Immune Response
    - 71-003613
  - Immunization
    - 71-009165
  - Induced Maturation
    - 71-000522
    - 71-001988
    - 71-004143
    - 71-004171
    - 71-004172
    - 71-004247
  - Lactate Dehydrogenase
    - 71-004821
  - Lipid Metabolism
    - 71-000909
  - Malate Dehydrogenase
    - 71-004821
  - Metabolic Rates
    - 71-002415
    - 71-002416
  - Mucus
    - 71-002156
    - 71-002157

...CONTINUED...
- Anguilla japonica
  - Nutrition
    - 71-000909
  - Oil
    - 71-010331
  - Osmoregulation
    - 71-002146
    - 71-002147
    - 71-002148
    - 71-002997
    - 71-002998
    - 71-003575
    - 71-003678
    - 71-004454
  - Oxygen
    - 71-002416
  - Parasites/Diseases
    - 71-009012
    - 71-009120
    - 71-009136
    - 71-009142
    - 71-009165
    - 71-009167
    - 71-009706
    - 71-009707
  - Pseudodactylogyrus
    - 71-009706
  - Pseudodactylogyrus microrchis
    - 71-009707
  - Pseudomonas anguilliseptica
    - 71-009120
    - 71-009136
    - 71-009165
  - Red-Spot Disease
    - 71-009120
    - 71-009136
    - 71-009165
  - Reproductive System
    - 71-001988
    - 71-004143
  - Respiration
    - 71-002416
  - Season
    - 71-002416
  - Streptococcus
    - 71-009142
  - Taste and Odor Problems
    - 71-010331
  - Temperature
    - 71-002416
  - Trematodes
    - 71-009706
    - 71-009707
  - Variation Studies
    - 71-004184
  - Vibrio anguillarum
    - 71-009167
  - Vitellogenin
    - 71-002906
  - Water Intake
    - 71-004174
- Anguilla mossambica
  - Age/Growth
    - 71-005483
  - Life History/General
    - 71-005483
  - Mugilicola
    - 71-009721
  - Parasites/Diseases
    - 71-009721
  - Parasitic Copepods
    - 71-009721
  - Population
    - 71-005483
  - Taxonomy
    - 71-005483
- Anguilla nebulosa
  - Foods/Feeding
    - 71-007196
- Anguilla nebulosa labiata
  - Age/Growth
    - 71-005483
  - Life History/General
    - 71-005483
  - Population Studies
    - 71-005483
  - Taxonomy
    - 71-005483
- Anguilla nebulosa nebulosa
  - Distribution/Geographical
    - 71-008232
- Anguilla reinhardtii
  - Foods/Feeding
    - 71-006784
  - Movements
    - 71-006784
- Anguilla rostrata
  - Abundance/Factors of
    - 71-008337
  - Age/Growth
    - 71-007390
  - Anesthetics
    - 71-010896
  - Antimycin
    - 71-010895
  - Biochemical Composition
    - 71-002197
  - Blood Chemistry
    - 71-002177
    - 71-002868
    - 71-003190
    - 71-003784
  - Cannibalism
    - 71-007327
  - Cardio-Vascular System
    - 71-002176
  - Commercial Fishing
    - 71-013340

...CONTINUED...
Anguilla rostrata
  Competition
    71-008337
  Copper Sulfate
    71-010895
  Corpuscle of Stannius
    71-003438
  Culture/Propagation
    71-000482
    71-000863
  Diquat
    71-010895
  Dylox
    71-010895
  Early Development
    71-007390
  Electrophoresis
    71-003564
    71-004655
    71-004821
  Endocrinology
    71-002176
    71-002646
    71-002647
    71-004073
  Enzymes
    71-003564
    71-003565
  Feeders
    71-000863
  Fishways
    71-012710
  Foods/Feeding
    71-007327
  Formalin
    71-010895
  Furanace
    71-010895
  Gills
    71-001427
  Ichthyophthirius miltifiliis
    71-009325
  Integument
    71-001607
  Lactate Dehydrogenase
    71-003063
    71-004821
  Life History/General
    71-005584
  Liver
    71-003871
  Locomotion
    71-004989
  Malachite Green
    71-010895
  Malate Dehydrogenase
    71-004821
  Management/Research--General
    71-005584
  Metamorphosis
    71-003265
  MS-222
    71-010896
  Musculature
    71-001633
    71-001634
  Myxidium
    71-009354
  Myxidium zealandicum
    71-009317
  Oil
    71-011178
  Orientation/Homing
    71-004989
    71-006300
  Osmoregulation
    71-002646
    71-002648
    71-002868
    71-003443
    71-004030
  Parasites/Diseases
    71-009317
    71-009325
    71-009354
  Piscicides
    71-010895
  Population Studies
    71-008337
  Potassium Permanganate
    71-010895
  Protozoan Diseases
    71-009317
    71-009325
    71-009354
  Rotenone
    71-010895
  Salinity
    71-002646
    71-002868
  Salt
    71-010895
  Sex Ratios
    71-006251
  Swimbladder
    71-001672
    71-003265
  Variation Studies
    71-004745
    71-004746
Anguillidae
  Acartia clausi
    71-007224
  Commercial Fishing
    71-005705
  Culture/Propagation
    71-005705

...CONTINUED...
Anguillidae
  Digestive System/Bacterial Flora
    71-003899
  Foods/Feeding
    71-007224
  Life History/General
    71-005705
    71-005755
  Parasites/Diseases
    71-007224
  Parasitic Copepods
    71-007224
Anguilliformes
  Electric Organs
    71-002801
  Identification
    71-008789
  Morphology
    71-008789
  Olfaction
    71-002083
Anipis georgianus
  Monostephanostomum manteri
    71-009751
  Parasites/Diseases
    71-009751
  Trematodes
    71-009751
Anipis trutta
  Monostephanostomum manteri
    71-009751
  Parasites/Diseases
    71-009751
  Trematodes
    71-009751
Anodontostoma chacunda
  Foods/Feeding
    71-006785
  Mouth Parts
    71-006785
Anomalopidae
  Evolution
    71-008765
  New Species
    71-008765
Anomalops
  Bioluminescence
    71-004355
Anomalops katopteron
  Deretrema
    71-009544
  Parasites/Diseases
    71-009544
  Trematodes
    71-009544
Anoplarchus insignis
  Distribution/Geographical
    71-007712
Anoplarchus purpurescens
  Blood Chemistry
    71-002200
  Osmoregulation
    71-002200
Anoplopoma fimbria
  ATP
    71-003799
  Ceratomyxa anoplopoma
    71-009338
  Davisia
    71-009346
  Enzymes
    71-003799
  Heavy Metels
    71-010173
  Leptotheca
    71-009342
  Mercury
    71-010173
  Parasites/Diseases
    71-009338
    71-009342
    71-009346
  Protozoan Diseases
    71-009338
    71-009342
    71-009346
Anoptichthys jordani
  Karyotypes
    71-004671
Anostomidae
  Mouth Parts
    71-001924
  Paleontology
    71-001924
  Taxonomy
    71-008877
Anostominae
  Taxonomy
    71-008877
Antennarius
  Foods/Feeding
    71-007181
  Locomotion
    71-004990
  Mimicry
    71-007181
Antennarius caudimaculatus
  Brooding Behavior
    71-006460
  Reproduction
    71-006460
Anthias
  Taxonomy
    71-008451
Anthias menezesi
  New Species
    71-008451
Anthias squamipinnis
  Reproduction
    71-004786

...CONTINUED...
Anthias squamipinnis
  Sex Riversal
    71-004786
Anthias woodsi
  New Species
    71-008451
Antimora rostrata
  Hydrostatic Pressure
    71-003008
  Life History/General
    71-003008
    71-005871
  Swimbladder
    71-003804
  Swimming Performance
    71-002457
Antipodocottus galatheae
  Distribution/Geographical
    71-008092
  Taxonomy
    71-008092
Antobrantia ribeiroi
  Taxonomy
    71-008483
Anyperodon leucogrammicus
  Mimicry
    71-005350
Aotea acus
  Taxonomy
    71-008507
Apareiodon ibitiensis
  Activity Patterns
    71-005361
  Foods/Feeding
    71-005361
  Habitat Selection
    71-005361
Apareiodon piracicabae
  Activity Patterns
    71-005361
  Foods/Feeding
    71-005361
  Habitat Selection
    71-005361
Apeltes quadracus
  Distribution/Geographical
    71-007819
  Reproduction
    71-004331
    71-004332
Aphanepygus
  Paleontology
    71-008474
  Taxonomy
    71-008474
Aphaniini
  Electrophoresis
    71-004776
Aphanius anatoliae
  Egg Size
    71-004635
  Genetics
    71-004635
  Meristic Studies
    71-001588
Aphanius dispar
  Ecology
    71-005469
  Hybridization
    71-004626
  Life History/General
    71-005469
Aphanius dispar richardsoni
  Asymphylodora fishelsoni
    71-009632
  Parasites/Diseases
    71-009632
  Trematodes
    71-009632
Aphanius mento
  Ecology
    71-005469
  Hybridization
    71-004626
  Life History/General
    71-005469
Aphanius sophiae
  Ecology
    71-005469
  Life History/General
    71-005469
Aphanopus carbo
  Distribution/Geographical
    71-007937
  Fungal Diseases
    71-009222
  Ichthyophonus
    71-009222
  Life History/General
    71-005891
  Parasites/Diseases
    71-009222
Aphredoderus sayanus
  Acanthocephala
    71-009538
  Age/Growth
    71-007618
  Foods/Feeding
    71-005267
    71-007618
  Leptorhynchoides aphredoderi
    71-009538
  Movements
    71-005267
  Parasites/Diseases
    71-009538
  Reproduction
    71-006428
  Spawning
    71-006428

Aphyosemion striatum
  Aggressive Behavior
    71-004979
Apistogramma
  New Species
    71-008000
Apisturus brunneus
  Branding
    71-012331
Aploactinidae
  Taxonomy
    71-008739
Aplocheilus
  Distribution/Geographical
    71-008447
  New Species
    71-008447
Aplocheilus latipes
  Foods/Feeding
    71-006874
  Mosquito Control
    71-006874
Aplocheilus melastigma
  Allocreadium fasciatusi
    71-009777
    71-009779
  Parasites/Diseases
    71-009777
    71-009779
  Trematodes
    71-009777
    71-009779
Aplodinotus grunniens
  Aeration
    71-007457
  Age/Growth
    71-007457
  Chlorine
    71-011090
  Distribution/Vertical
    71-006731
  Epistylis niagarae
    71-009263
  Foods/Feeding/Selectivity
    71-006951
  Parasites/Diseases
    71-008948
    71-009263
  Power Plant Effluents
    71-011090
  Protozoan Diseases
    71-009263
  Temperature
    71-002498
Apogon americanus
  Taxonomy
    71-008588
Apogon gouldi
  New Species
    71-008786
Apogon leptocalus
  Distribution/Geographical
    71-008532
Apogon maculatus
  Brooding Behavior
    71-004941
Apogon mosavi
  New Species
    71-008532
Apogonichthys ellioti
  Opisthomonorcheides
    71-009473
  Parasites/Diseases
    71-009473
  Trematodes
    71-009473
Apogonidae
  Activity Patterns
    71-005174
  Ecology
    71-005530
Apristurus brunneus
  Distribution/Geographical
    71-008281
Apteronotus albifrons
  Electric Organs
    71-004894
Aptocyclus venticosus
  Bucephalidae
    71-009753
  Parasites/Diseases
    71-009753
  Trematodes
    71-009753
Arapaima
  Air Breathing
    71-003003
    71-003006
    71-003066
  Enzymes
    71-003003
    71-003006
  Gills
    71-003066
  Respiration
    71-003003
    71-003006
    71-003066
Arapaima gigas
  Air Breathing
    71-002195
    71-002678
    71-002692
    71-002749
    71-002867
    71-003004
    71-003159
    71-003802
    71-003858

...CONTINUED...

- Arapaima gigas
  - Air Breathing
    - 71-004115
    - 71-005000
  - Blood Chemistry
    - 71-002195
    - 71-003159
    - 71-003241
  - Cardio-Vascular System
    - 71-002678
  - Enzymes
    - 71-002692
    - 71-002867
    - 71-004128
  - Excretory System
    - 71-003004
    - 71-004128
  - Gills
    - 71-003802
  - Lactate Dehydrogenase
    - 71-002749
  - Metabolism
    - 71-003240
  - Respiration
    - 71-002692
    - 71-003004
    - 71-003159
    - 71-003802
    - 71-003858
    - 71-004115
    - 71-005000
  - Respiration Dehydrogenase
    - 71-002749
- Archoplites interruptus
  - Abundance/Factors of
    - 71-008438
  - Competition
    - 71-008438
  - Distribution/Geographical
    - 71-007681
  - Distribution/Seasonal
    - 71-006738
  - Distribution/Vertical
    - 71-006738
  - Harvest
    - 71-007681
  - Karyotypes
    - 71-004555
  - Life History/General
    - 71-005467
- Archosargus probatocephalus
  - Cell Culture
    - 71-003375
  - Copper
    - 71-010682
  - Distribution/Geographical
    - 71-007791
    - 71-007871
  - Early Development
    - 71-001797
  - Heavy Metals
    - 71-010682
  - Metabolic Rates
    - 71-004324
  - Osmoregulation
    - 71-010682
  - Salinity
    - 71-004324
  - Swimming Performance
    - 71-004324
  - Temperature
    - 71-004324
- Archosargus rhomboidalis
  - Foods/Feeding
    - 71-006983
    - 71-006984
    - 71-007304
- Argyrosomus argentatus
  - Age/Growth
    - 71-007507
  - Sound Production
    - 71-005410
- Argyrosomus hololepidotus
  - Foods/Feeding
    - 71-007340
  - Predator/Prey Relationships
    - 71-007340
- Argyrosomus marleyi
  - New Species
    - 71-008552
- Argyrosomus thorpei
  - New Species
    - 71-008794
- Ariommidae
  - Distribution/Geographical
    - 71-008832
  - New Species
    - 71-008832
  - Taxonomy
    - 71-008832
- Ariosoma analis
  - Taxonomy
    - 71-008790
- Ariosoma balearicum
  - Early Development
    - 71-001635
  - Morphology
    - 71-001635
- Ariosoma marginatus
  - Taxonomy
    - 71-008505
- Aristichthys nobilis
  - Age/Growth
    - 71-000352
    - 71-000421
    - 71-007635
  - Aquatic Plant Control
    - 71-000017

...CONTINUED...

- Aristichthys nobilis
  - Cage Culture
    - 71-000352
  - Chromosome Numbers
    - 71-004700
  - Culture/Propagation
    - 71-000329
    - 71-000352
    - 71-000421
    - 71-000435
    - 71-000458
    - 71-000473
    - 71-001046
  - Fertilization/Soil and Water
    - 71-000329
    - 71-000435
  - Fish as Food
    - 71-013332
  - Foods/Feeding
    - 71-000352
    - 71-000421
  - Gamete Storage
    - 71-001046
  - Hybridization
    - 71-004843
  - Karyotypes
    - 71-004540
    - 71-004700
  - Metabolism
    - 71-003633
  - Mutagens
    - 71-004677
  - Oxygen
    - 71-003633
  - Polyculture
    - 71-000329
    - 71-000458
    - 71-000473
  - Pond Culture
    - 71-000352
  - Salinity
    - 71-002432
  - Spawning
    - 71-006559
  - Trophic Relationships
    - 71-007153
- Arius
  - Life History/General
    - 71-005944
- Arius felis
  - Auditory Senses
    - 71-004188
  - Embryology
    - 71-003570
  - Oil
    - 71-011509
  - Olfaction
    - 71-002389
  - Taste Reception
    - 71-002389
- Arius oncinus
  - Taxonomy
    - 71-008686
- Arius spixii
  - Age/Growth
    - 71-005581
    - 71-005581
  - Length-Weight Relationships
    - 71-005581
  - Spawning
    - 71-005581
- Arius thalassinus
  - Age/Growth
    - 71-007432
  - Age/Length Composition
    - 71-007432
- Arnoglossus boops
  - Taxonomy
    - 71-008524
- Arnoglossus scapha
  - Taxonomy
    - 71-008524
- Arothron firmamentum
  - Taxonomy
    - 71-008613
- Arripis geogianus
  - Fecundity
    - 71-006384
  - Spawning
    - 71-006384
- Arripis georgianus
  - Harvest
    - 71-012183
- Arripis trutta
  - Age/Growth
    - 71-007439
    - 71-007440
- Arripis trutta esper
  - Age/Growth
    - 71-007631
  - Marking/Tagging
    - 71-012370
  - Mortality Rates
    - 71-006128
  - Movements
    - 71-006128
  - Population Studies
    - 71-006128
- Arripis trutta marginata
  - Spawning
    - 71-006525
- Artedius lateralis
  - Foods/Feeding
    - 71-007353
  - Habitat Selection
    - 71-005185
    - 71-005186
- Aruma histrio
  - Taxonomy
    - 71-008622

...CONTINUED...

- Aruma histrio
  - Variation Studies
    - 71-008622
- Aspidontus taeniatus
  - Mimicry
    - 71-005350
- Aspidoras pauciradiatus
  - Taxonomy
    - 71-008856
- Aspindontus
  - Distribution/Geographical
    - 71-008787
  - Taxonomy
    - 71-008787
- Aspius aspius
  - Abundance/Factors of
    - 71-008372
  - Blood Chemistry
    - 71-006652
  - Fecundity
    - 71-006170
  - Foods/Feeding
    - 71-007022
  - Life History/General
    - 71-005600
  - Management/Research--General
    - 71-005600
  - Morphology
    - 71-005600
  - Population Studies
    - 71-005600
    - 71-012837
  - Reproduction
    - 71-006170
  - Spawning
    - 71-006507
- Aspius aspius iblioides
  - Condition Factors
    - 71-005478
  - Fecundity
    - 71-005478
  - Spawning
    - 71-005478
- Aspius aspius taeniatus
  - Osmoregulation
    - 71-003452
- Aspro zindel
  - Endocrinology
    - 71-002101
  - Reproduction
    - 71-002101
- Asquamiceps
  - Taxonomy
    - 71-008666
- Asquamiceps caeruleus
  - New Species
    - 71-008666
- Astroblepidae
  - Swimbladder
    - 71-001569
- Astroconger myriaster
  - Heavy Metals
    - 71-003238
  - Mercury
    - 71-003238
- Astronesthidae
  - Distribution/Geographical
    - 71-007725
- Astyanax
  - Distribution/Geographical
    - 71-005750
  - Evolution
    - 71-005750
  - Habitat Selection
    - 71-005750
- Astyanax jordani
  - Olfaction
    - 71-005299
- Astyanax mexicanus
  - Culture/Propagation
    - 71-000496
  - Karyotypes
    - 71-004671
  - Movements
    - 71-006611
  - Vision
    - 71-004983
- Asymmetrurus oreni
  - New Genus
    - 71-007788
  - New Species
    - 71-007788
- Ateleopus indicus
  - Taxonomy
    - 71-008820
- Atherina boyeri
  - Electrophoresis
    - 71-004542
  - Glugea atherinae
    - 71-009249
  - Parasites/Diseases
    - 71-009249
  - Protozoan Diseases
    - 71-009249
- Atherina mochon caspia
  - Osmoregulation
    - 71-003452
- Atherina mochon pontica
  - Abundance/Factors of
    - 71-008386
  - Nematodes
    - 71-009603
  - Parasites/Diseases
    - 71-009603
  - Population Studies
    - 71-008386
  - Raphidascaris acus
    - 71-009603
  - Temperature
    - 71-008386
- Atherinasoma microstoma
  - Cadmium
    - 71-011179
  - Chromium
    - 71-011179
  - Heavy Metals
    - 71-011179
  - Zinc
    - 71-011179
- Atherinidae
  - Culture/Propagation
    - 71-000452
  - Distribution/Georgraphical
    - 71-007716
- Atractosteus tristoechus
  - Blood Chemistry
    - 71-004038
- Auchenipteridae
  - New Species
    - 71-008602
- Aulorhynchus flavidus
  - Habitat Selection
    - 71-005185
  - Movements
    - 71-006668
- Aulostomus maculatus
  - Foods/Feeding
    - 71-007023
- Auxis
  - Thermal Regulation
    - 71-002585
- Auxis thazard
  - Distribution/Geographical
    - 71-008157
- Bagarius bagarius
  - Acoustico-Lateralis System
    - 71-001594
  - Integument
    - 71-001788
  - Nervous System
    - 71-001595
- Bagrus meridionalis
  - Age/Growth
    - 71-007653
- Bairdiella chrysoura
  - Identification/Larvae
    - 71-008744
- Bairdiella chrysura
  - Distribution/Seasonal
    - 71-006667
  - Parasites/Diseases
    - 71-009763
  - Parasitic Isopods
    - 71-009763
- Bairdiella icistia
  - Salinity
    - 71-011103
- Balistes carolinensis
  - Distribution/Geographical
    - 71-008268
- Balistidae
  - Karyotypes
    - 71-004726
- Barathrodemus iris
  - Lipid Composition
    - 71-003803
  - Swimbladder
    - 71-003803
- Barathronus maculatus
  - New Species
    - 71-008783
- Barbourisia rufa
  - Distribution/Geographical
    - 71-007848
  - Otoliths
    - 71-007848
- Barbus
  - Electrophoresis
    - 71-004280
    - 71-004840
  - Enzymes
    - 71-004280
  - Foods/Feeding
    - 71-006777
  - Gas Bubble Disease
    - 71-009709
  - Parasites/Diseases
    - 71-009709
  - Skeletal System
    - 71-001746
  - Taxonomy
    - 71-008468
- Barbus barbus
  - Age/Growth
    - 71-007494
  - Fecundity
    - 71-006302
  - Reproduction
    - 71-006302
  - Spawning
    - 71-006303
- Barbus brachycephalus
  - Reproductive System
    - 71-001868
- Barbus conchonius
  - Digestive System
    - 71-003901
    - 71-003902
  - Embryology
    - 71-003902
  - Endocrinology
    - 71-003900
    - 71-003902
  - Gills
    - 71-003446
- Barbus holubi
  - Blood Chemistry
    - 71-002742
    - 71-004278

Barbus kimberleyensis
  Blood Chemistry
   71-004277
Barbus liberiensis
  Age/Growth
   71-007576
  Condition Factors
   71-005786
  Foods/Feeding
   71-005786
  Spawning
   71-005786
Barbus luteus
  Reproduction
   71-001378
  Reproductive System
   71-001378
   71-002243
Barbus meridionalis
  Diplozoon homoion gracile
   71-009770
  Parasites/Diseases
   71-009770
   71-009770
Barbus natalensis
  Culture/Propagation
   71-000548
   71-002069
  Early Development
   71-002069
  Induced Maturation
   71-000548
Barbus nigrofasciatus
  Distribution/Factors of
   71-007988
Barbus sophor
  Gills
   71-001625
Barbus stigma
  Industrial Wastes
   71-011467
Barbus tor
  Culture/Propagation
   71-000417
Barbus trevelyani
  Life History/General
   71-005594
  Status
   71-005594
Barilius
  Taxonomy
   71-008746
Barilius bola
  Life History/General
   71-005698
Bascanichthys
  Distribution/Geographical
   71-008655
  Life History/General
   71-008655
  Taxonomy
   71-008655
Basilichthys australis
  Foods/Feeding
   71-007299
Bassozetus
  Lipid Composition
   71-003803
  Swimbladder
   71-003803
Bathyclupea elongata
  New Species
   71-008831
Bathygobius
  Taxonomy
   71-008596
  Variation Studies
   71-004629
Bathygobius fishelsoni
  New Species
   71-008596
Bathygobius soporator
  Vision
   71-002699
Bathylaco nigricans
  Distribution/Geographical
   71-008220
Bathylagus antarcticus
  Early Development
   71-002085
  Identification/Larvae
   71-002085
Bathypterois atricolor
  Taxonomy
   71-008820
Bathytypholps azorensis
  Taxonomy
   71-008688
Bathytypholps sewelli
  Taxonomy
   71-008688
Bdellostoma cirrhatum
  Excretory System
   71-003866
Bedotia geayi
  Olfaction
   71-001773
Bellator militaris
  Life History/General
   71-005710
Bellottia apoda
  Distribtuion/Geographical
   71-008107
Belone belone
  Olfaction
   71-002002

...CONTINUED...
Belone belone
  Reproduction
   71-002597
Belonidae
  Seismosensory System
   71-001395
Belontiidae
  Air Breathing
   71-001874
Bembrops
  Taxonomy
   71-008709
Bembrops morelandi
  New Species
   71-008707
   71-008709
Benthodesmus elongatus pacificus
  Distribution/Geographical
   71-008115
Benthophilus
  Taxonomy
   71-008745
Benthosema suborbitale
  Foods/Feeding
   71-006830
Beryciformes
  Distribution/Geographical
   71-007993
Beryx decadactylus
  Distribution/Geographical
   71-007993
Beryx splendens
  Distribution/Geographical
   71-007993
Betta splendens
  Aggressive Behavior
   71-004918
   71-004940
   71-004976
   71-005033
   71-005067
   71-005088
   71-005143
   71-005218
   71-005224
   71-005427
   71-005443
  Hormones
   71-002829
  Olfaction
   71-002051
  Spawning
   71-005067
Bhanotia
  Taxonomy
   71-008539
Bhanotia fasciolata
  Taxonomy
   71-008544
Bhanotia nuda
  New Species
   71-008539
Blenniidae
  Taxonomy
   71-008885
Blenniini
  Taxonomy
   71-008475
   71-008885
Blennius
  Dentition
   71-006933
  Distribution/Geographical
   71-008767
  Endocrinology
   71-003735
  Foods/Feeding
   71-006933
  Morphology
   71-001860
  Sexual Dimorphism
   71-001860
  Skeletal System
   71-001861
  Taxonomy
   71-008767
Blennius fluviatilis
  Distribution/Geographical
   71-007749
Blennius pavo
  Counting Ability
   71-005077
  Learning
   71-005077
  Spawning
   71-006422
Blennius pholis
  Anesthetics
   71-010755
  Chloride Cells
   71-003657
  Culture/Propagation
   71-000649
  Digestion Rates
   71-002862
  Fecundity
   71-006504
  Haemogregarina bigemina
   71-009271
  Incubators
   71-000649
  Jar Culture
   71-000649
  Metabolic Rates
   71-002384
  Osmoregulation
   71-003657
  Parasites/Diseases
   71-009271

...CONTINUED...
Blennius pholis
  Parasites/Diseases
   71-009462
  Piscine Erythrocytic Necrosis
   71-009462
  Protozoan Diseases
   71-009271
  Quinaldine
   71-010755
  Reproduction
   71-003992
   71-003993
   71-003994
  Reproductive System
   71-003991
  Social Behavior
   71-004411
  Spawning
   71-006504
  Stress
   71-004411
  Temperature
   71-002384
  Viral Diseases
   71-009462
Blennius sanguinolentus
  Alimentary Tract
   71-002033
  Digestive System
   71-002033
Blepsias cirrhosus
  Habitat Selection
   71-005185
Blicca bjoerkna
  Abundance/Factors of
   71-008372
  Aeromonas salmonicida
   71-009153
  Bacterial Diseases
   71-009153
  Biochemical Composition
   71-003366
  Blood Chemistry
   71-006652
  Ecology
   71-005598
  Foods/Feeding
   71-007355
  Furunculosis
   71-009153
  Hybridization
   71-004681
  Management/Research--Estuaries
   71-005598
  Morphology
   71-005598
  Parasites/Diseases
   71-009153
  Population Studies
   71-005598
  Spawning
   71-006370
   71-006371
  Variation Studies
   71-004813
Bochragonus swani
  Habitat Selection
   71-005186
Bodianini
  Fish Lists/Keys
   71-008594
Bodianus
  Taxonomy
   71-008593
Boleophthalmus chinensis
  Air Breathing
   71-004176
  Respiration
   71-004176
Boleophthalmus pectinirostris
  Ammonia
   71-003573
  Excretory System
   71-003574
Bolinichthys longipes
  Foods/Feeding
   71-006830
   71-006938
Bolistopus undulatus
  Spawning
   71-006388
Boops boops
  Anilocra
   71-009898
  Cyclocotyla bellones
   71-009766
  Meinertia
   71-009898
  Meinertia oestroides
   71-009899
  Parasites/Diseases
   71-009766
   71-009898
   71-009899
  Parasitic Isopods
   71-009898
   71-009899
  Trematodes
   71-009766
Boops salpa
  Endocrinology
   71-003457
  Reproduction
   71-003457
Boopsetta umbrarum
  Taxonomy
   71-008820
Boreogadus saida
  Heavy Metals
   71-010040

...CONTINUED...
Boreogadus saida
  Spawning
   71-006335
   71-006336
  Spawning Migration
   71-006334
Bothidae
  Morphology
   71-008580
  New Genus
   71-008649
  New Species
   71-008649
  Taxonomy
   71-008580
   71-008649
Bothragonus swani
  Habitat Selection
   71-005185
Bothriolepis
  Acoustico-Lateralis System
   71-001582
Bothrocara pusillum
  Distribution/Geographical
   71-008114
Bothus
  Metamorphosis
   71-001533
Bothus maculiferus
  Distribution/Geographical
   71-008854
Bothus ocellatus
  Distribution/Geographical
   71-008883
  Identification/Larvae
   71-008883
Botia lohachata
  Blood Chemistry
   71-004446
Brachiostegus japonicus
  Maturation
   71-006309
  Spawning
   71-006309
Brachydanio
  Electrophoresis
   71-004754
  Enzymes
   71-002744
   71-004754
  Pheromones
   71-004909
Brachydanio albolineatus
  Electrophoresis
   71-004755
  Embryology
   71-002917
  Endocrinology
   71-003205
  Hormones
   71-003205
  Swimming Performance
   71-003205
Brachydanio nigrofasciatus
  Lactate Dehydrogenase
   71-002743
Brachydanio rerio
  Abnormalities
   71-001880
  Age/Growth
   71-007484
  Bacterial Diseases
   71-011308
  Bibliographies
   71-005702
  Cadmium
   71-011274
  Chlorine
   71-011554
  Coloration
   71-001784
   71-001785
  Copper
   71-011208
   71-011211
  Copper Sulfate
   71-010803
  Dodecyl Sodium Sulfate
   71-010803
  Electrophoresis
   71-002916
   71-003824
   71-004755
  Embryology
   71-002917
   71-003340
   71-003374
  Endocrinology
   71-002764
   71-002765
   71-004462
  Enzymes
   71-002601
   71-002916
   71-003824
  Excretory System
   71-003791
  Growth Inhibiting Substances
   71-007484
  Heavy Metals
   71-011207
   71-011208
   71-011211
   71-011274
   71-011308
   71-011413
  Histology
   71-001700

...CONTINUED...
- Brachydanio rerio
  - Hybridization
    - 71-004724
  - Inbreeding
    - 71-004724
  - IPN
    - 71-009458
  - Lead
    - 71-011207
    - 71-011208
    - 71-011211
  - Life History/General
    - 71-005702
  - Meristic Studies
    - 71-004586
  - Microsporida
    - 71-009273
  - Nervous System
    - 71-002621
    - 71-003250
  - Parasites/Diseases
    - 71-009273
    - 71-009458
    - 71-009487
    - 71-009807
    - 71-009808
    - 71-011308
  - Phenols
    - 71-010803
  - Pheromones
    - 71-002138
    - 71-002269
    - 71-002270
    - 71-002765
  - Picloram
    - 71-010803
  - Power Plant Effluents
    - 71-011554
  - Predator/Prey Relationships
    - 71-007289
  - Protozoan Diseases
    - 71-009273
  - Radiation
    - 71-003250
  - Reproductive System
    - 71-001700
  - Research Test Fish
    - 71-001880
    - 71-005702
  - Schooling Behavior
    - 71-002270
  - Selenium
    - 71-011186
  - Skeletal System
    - 71-001880
  - Sodium Pentachlorophenate
    - 71-010803
  - Stress
    - 71-002765
  - Temperature
    - 71-004586
  - Transversotrema patialense
    - 71-009487
    - 71-009807
    - 71-009808
  - Trematodes
    - 71-009487
    - 71-009807
    - 71-009808
  - Variation Studies
    - 71-004586
  - Viral Diseases
    - 71-009458
    - 71-011308
  - Zinc
    - 71-011308
    - 71-011413
- Brachymystax
  - Meristic Studies
    - 71-002026
  - Variation Studies
    - 71-002026
- Brama raii
  - Parasites/Diseases
    - 71-009765
  - Trematodes
    - 71-009765
  - Trochopella candida
    - 71-009765
  - Winkenthughesia bramae
    - 71-009765
- Branchiostegidae
  - Distribution/Geographical
    - 71-007788
    - 71-008550
  - Life History/General
    - 71-008550
  - New Genus
    - 71-007788
  - New Species
    - 71-007788
    - 71-008549
  - Taxonomy
    - 71-008550
- Branchiostegus japonicus japonicus
  - Carotenoids
    - 71-002154
  - Pigments
    - 71-002154
  - Spawning
    - 71-006310
- Bregmaceros japonicus
  - Parasites/Diseases
    - 71-009712
  - Parasitic Copepods
    - 71-009712
  - Peroderma
    - 71-009712
- Bregmaceros macclellandi
  - Identification
    - 71-007864
- Bregmaceros nectabanus
  - Distribution/Geographical
    - 71-007724
- Breviraja caerulea
  - Distribution/Geographical
    - 71-008811
  - New Species
    - 71-008811
- Brevoortia patronus
  - Age/Growth
    - 71-007567
  - Age/Length Composition
    - 71-012195
  - Commercial Fishing
    - 71-012195
  - Exploitation Rates
    - 71-006689
  - Harvest
    - 71-012195
  - Management/Research--Marine
    - 71-012195
  - Mortality Rates
    - 71-006689
  - Movements
    - 71-006689
- Brevoortia tyrannus
  - Abundance/Factors of
    - 71-006060
    - 71-006061
  - Biocides
    - 71-011046
  - Chlorinated Hydrocarbons
    - 71-010483
    - 71-011513
  - Chlorine
    - 71-010847
    - 71-011045
    - 71-011046
    - 71-011047
    - 71-011083
  - DDT
    - 71-010483
    - 71-011512
    - 71-011513
    - 71-011514
  - Dieldrin
    - 71-011513
  - Ecology
    - 71-005572
  - Embryology
    - 71-002690
  - Fecundity
    - 71-006250
  - Foods/Feeding
    - 71-006880
  - Foods/Feeding/Selectivity
    - 71-006881
    - 71-006884
  - Harvest
    - 71-012763
  - Hypoxia
    - 71-003880
  - Insecticides
    - 71-010483
    - 71-011512
    - 71-011513
    - 71-011514
  - Lernaeenicus radiatus
    - 71-009970
  - Light
    - 71-002968
  - Management/Research--Marine
    - 71-012815
  - Metabolic Rates
    - 71-002969
  - Movements
    - 71-006061
  - Oxygen
    - 71-003880
    - 71-003881
  - Parasites/Diseases
    - 71-009763
    - 71-009763
    - 71-009970
  - Parasitic Copepods
    - 71-009970
  - Pentron D-90
    - 71-010667
  - Population Studies
    - 71-006060
    - 71-006061
    - 71-012815
  - Power Plant Effluents
    - 71-010667
    - 71-011045
    - 71-011046
    - 71-011047
  - Recruitment
    - 71-006060
  - Salinity
    - 71-002969
  - Swimming Performance
    - 71-005068
    - 71-005080
  - Temperature
    - 71-002105
    - 71-002356
    - 71-002968
    - 71-002969
  - Thermal Pollution
    - 71-002356
  - Thermal Shock
    - 71-002356

...CONTINUED...
- Brevoortia tyrannus
  - Trophic Relationships
    - 71-006880
  - Year Class Strength
    - 71-006060
    - 71-006061
- Brienomyrus niger
  - Biological Monitoring
    - 71-010167
  - Electric Organs
    - 71-010167
  - Insecticides
    - 71-010167
- Brosme brosme
  - Heavy Metals
    - 71-010164
    - 71-010165
  - Mercury
    - 71-010164
    - 71-010165
- Brycinus
  - Taxonomy
    - 71-008585
- Brycinus derhami
  - New Species
    - 71-008585
- Brycon petrosus
  - Spawning
    - 71-006364
  - Terrestrial Spawning
    - 71-006364
- Bryozoichthys lysimus
  - Distribution/Geographical
    - 71-007690
- Bryozoichthys majorius
  - Distribution/Geographical
    - 71-007690
- Bunocephalus bicolor
  - Auditory Senses
    - 71-001648
- Calamus brachysomus
  - Life History/General
    - 71-005570
- Callichthyidae
  - Swimbladder
    - 71-001569
- Callionymus flagris
  - Early Development
    - 71-001995
  - Embryology
    - 71-001995
- Callionymus lyra
  - Territorial Behavior
    - 71-005454
- Callionymus maculatus
  - Life History/General
    - 71-005605
- Callionymus ornatipinnis
  - Early Development
    - 71-001995
  - Embryology
    - 71-001995
- Callionymus reticulatus
  - Distribution/Geographical
    - 71-007860
- Callionymus richardsoni
  - Early Development
    - 71-001995
  - Embryology
    - 71-001995
- Callogobius clitellus
  - New Species
    - 71-008685
- Callogobius hastatus
  - New Species
    - 71-008685
- Calloplesiops
  - Taxonomy
    - 71-008676
- Calloplesiops altivelis
  - Mimicry
    - 71-005206
- Callorhinchus milii
  - Age/Growth
    - 71-007639
- Campostoma
  - Electrophoresis
    - 71-004557
  - Meristic Studies
    - 71-001471
  - Temperature
    - 71-001471
  - Variation Studies
    - 71-004557
- Campostoma anomalum
  - Distribution/Geographical
    - 71-007771
  - Early Development
    - 71-001460
  - Hybridization
    - 71-004714
  - Identification/Larvae
    - 71-001460
  - Temperature Selection
    - 71-006717
  - Thermal Pollution
    - 71-006717
- Campostoma anomalum pullum
  - Parasites/Diseases
    - 71-008514
  - Taxonomy
    - 71-008514
- Campostoma oligolepis
  - Distribution/Geographical
    - 71-007769
    - 71-007772
  - Parasites/Diseases
    - 71-008514

...CONTINUED...
- Campostoma oligolepis
  - Taxonomy
    - 71-007769
    - 71-008514
- Campostoma ornatum
  - Distribution/Geographical
    - 71-001451
  - Morphology
    - 71-001451
  - Taxonomy
    - 71-001451
- Canthidermis maculatus
  - Distribution/Geographical
    - 71-007719
- Canthigaster jactator
  - Thermal Regulation
    - 71-002397
- Carangidae
  - Culture/Propagation
    - 71-000604
  - Distribution/Geographical
    - 71-008213
  - Karyotypes
    - 71-004725
  - Net-Pen Culture
    - 71-000604
  - Parasites/Diseases
    - 71-009875
  - Parasitic Copepods
    - 71-009875
  - Polyculture
    - 71-000604
  - Pseudechetus fimbriatus
    - 71-009875
- Carangoides
  - Taxonomy
    - 71-008867
- Carangoides coeruleopinnatus
  - Distribution/Geographical
    - 71-008214
- Caranx georgianus
  - Early Development
    - 71-003146
  - Embryology
    - 71-003146
  - Taxonomy
    - 71-008637
- Caranx hippos
  - Foods/Feeding
    - 71-005701
  - Spawning
    - 71-005701
- Caranx ignobilis
  - Predator/Prey Relationships
    - 71-007083
    - 71-007084
    - 71-007085
  - Schooling Behavior
    - 71-007084
- Caranx mate
  - Salinity
    - 71-003944
  - Temperature
    - 71-003944
- Caranx melampygus
  - Predator/Prey Relationships
    - 71-007083
- Carapidae
  - Distribution/Geographical
    - 71-001845
    - 71-008159
    - 71-008161
  - Morphology
    - 71-001845
  - Vexillifers
    - 71-001845
- Carapus mourlani
  - Foods/Feeding
    - 71-007111
    - 71-007112
  - Parasitic Behavior
    - 71-007112
  - Vision
    - 71-001778
- Carassius
  - Chromosome Numbers
    - 71-004835
- Carassius auratus
  - Acoustico-Lateralis System
    - 71-001467
  - Activity Patterns
    - 71-005315
  - Aeromonas hydrophila
    - 71-009081
    - 71-009082
    - 71-009178
  - Aeromonas salmonicida
    - 71-009081
    - 71-009082
    - 71-009200
  - Alkaloids
    - 71-010702
  - Amino Acids
    - 71-000827
  - Anesthetics
    - 71-010918
  - Anoxia
    - 71-004269
    - 71-004270
    - 71-004330
  - Antibiotics
    - 71-003580
    - 71-011329
  - Aromatic Hydrocarbons
    - 71-010637
  - ATP
    - 71-003169
    - 71-003170

...CONTINUED...
- Carassius auratus
  - ATP
    - 71-003760
  - Auditory Senses
    - 71-002681
    - 71-002682
    - 71-005001
    - 71-005291
    - 71-005359
  - Auto-Shaping
    - 71-004923
  - Bacterial Diseases
    - 71-008920
    - 71-009081
    - 71-009082
    - 71-009131
    - 71-009160
    - 71-009178
    - 71-009200
  - Bile Composition
    - 71-003278
  - Bioassay Techniques
    - 71-010546
  - Biochemical Composition
    - 71-003407
    - 71-004196
  - Blood
    - 71-001815
  - Blood Chemistry
    - 71-002352
    - 71-002468
    - 71-002536
    - 71-002555
    - 71-002760
    - 71-003049
    - 71-003051
    - 71-003078
    - 71-003680
    - 71-003781
    - 71-003998
    - 71-004037
    - 71-004092
    - 71-004096
    - 71-004254
    - 71-004259
    - 71-004397
    - 71-004399
  - Cadmium
    - 71-010971
    - 71-011113
    - 71-011114
  - Calcium
    - 71-003170
    - 71-003586
    - 71-004254
  - Cardio-Vascular System
    - 71-002377
    - 71-002378
    - 71-002379
    - 71-003774
  - Carotenoids
    - 71-003669
  - Catecholamines
    - 71-002377
  - Chlordane
    - 71-010763
    - 71-010794
    - 71-011160
  - Chlorinated Hydrocarbons
    - 71-011119
  - Chlorine
    - 71-011048
    - 71-011471
  - Chlorophenols
    - 71-010998
  - Chromium
    - 71-010548
    - 71-010549
  - Circadian Rhythms
    - 71-005317
  - Coloration
    - 71-002114
    - 71-003388
    - 71-004657
  - Communication
    - 71-005419
  - Competition
    - 71-006840
  - Copper
    - 71-011471
  - Corpus luteum
    - 71-003235
  - Culture/Propagation
    - 71-000095
    - 71-000150
    - 71-000351
    - 71-000374
    - 71-000419
    - 71-000439
    - 71-000539
    - 71-003346
  - DDT
    - 71-011118
    - 71-011119
  - Dermal Sarcoma
    - 71-009474
  - Detergents
    - 71-010640
    - 71-011471
  - Dieldrin
    - 71-010980
  - Digestive System
    - 71-003133
  - Digestive System/Bacterial Flora
    - 71-004237
  - Drugs
    - 71-005260
  - Ecology
    - 71-006373

...CONTINUED...
- Carassius auratus
  - Electrotaxis
    - 71-005456
  - Endocrinology
    - 71-002248
    - 71-002467
    - 71-002469
    - 71-002537
    - 71-002542
    - 71-002551
    - 71-002556
    - 71-002558
    - 71-002560
    - 71-002722
    - 71-002757
    - 71-002758
    - 71-002759
    - 71-002811
    - 71-003032
    - 71-003077
    - 71-003234
    - 71-003388
    - 71-003520
    - 71-003669
    - 71-003689
    - 71-003692
    - 71-003693
    - 71-003704
    - 71-003728
    - 71-003779
    - 71-003780
    - 71-003951
    - 71-004095
    - 71-004106
    - 71-004303
    - 71-004304
    - 71-004305
    - 71-004329
  - Enzymes
    - 71-002114
    - 71-002721
    - 71-003690
    - 71-003691
    - 71-003751
    - 71-003752
    - 71-003760
    - 71-003814
    - 71-004239
  - Escherichia coli
    - 71-009178
  - Excretory System
    - 71-010996
  - Exercise
    - 71-002528
  - Fenitrothion
    - 71-011337
  - Fever
    - 71-008920
  - Flame Retardants
    - 71-010556
    - 71-010848
    - 71-011108
  - Foods/Feeding
    - 71-006840
  - Forage Production
    - 71-000374
  - Fright Behavior
    - 71-005162
  - Fyrol FR-2
    - 71-010556
  - Gills
    - 71-001669
  - Goiters
    - 71-009588
  - Growth Stimulants
    - 71-000539
    - 71-003835
  - Guthion
    - 71-010548
    - 71-010549
  - Gyrodactylus elegans
    - 71-009653
  - Healing
    - 71-003096
  - Heavy Metals
    - 71-010549
    - 71-010597
    - 71-010674
    - 71-010879
    - 71-010971
    - 71-011048
    - 71-011113
    - 71-011114
  - Hematozoa
    - 71-009279
  - Heptachlor
    - 71-010795
  - Herbicides
    - 71-010871
  - Hormones
    - 71-000150
    - 71-002536
    - 71-002558
    - 71-002757
    - 71-002758
    - 71-002759
    - 71-002812
    - 71-003434
    - 71-003585
    - 71-003781
    - 71-003833
    - 71-003834
    - 71-003835
    - 71-004095
    - 71-004303
    - 71-004304
    - 71-004397
    - 71-004398
  - Hybridization
    - 71-004675

...CONTINUED...
- Carassius auratus
  - Hybridization
    - 71-004676
  - Hydrogen Sulfide
    - 71-011391
  - Hypoxia
    - 71-004268
  - Immune Response
    - 71-009013
  - Induced Maturation
    - 71-000095
    - 71-000351
    - 71-000419
    - 71-000539
    - 71-001009
    - 71-003346
    - 71-003728
    - 71-004107
  - Insecticides
    - 71-010548
    - 71-010763
    - 71-010795
    - 71-010980
    - 71-011118
    - 71-011119
    - 71-011160
    - 71-011266
    - 71-011267
    - 71-011337
  - Integument
    - 71-001637
  - Lanthanum
    - 71-002625
  - Learning
    - 71-002675
    - 71-005256
    - 71-011329
  - Light
    - 71-002541
    - 71-002555
    - 71-002556
    - 71-002558
    - 71-002559
    - 71-002812
    - 71-003520
    - 71-003690
    - 71-003691
    - 71-003693
    - 71-004305
    - 71-004447
  - Lipid Composition
    - 71-002554
    - 71-003989
  - Lipid Metabolism
    - 71-002549
    - 71-003833
    - 71-003834
    - 71-004397
    - 71-004398
    - 71-004399
  - Liver
    - 71-001837
    - 71-002555
  - Locomotion
    - 71-005419
    - 71-005420
  - M-ENK
    - 71-003947
  - MCPA
    - 71-010871
  - Melatonin
    - 71-003947
  - Memory
    - 71-005166
  - Mercury
    - 71-010879
  - Meristic Studies
    - 71-001752
  - Metabolism
    - 71-003175
  - Monochloramines
    - 71-010779
  - MS-22
    - 71-010918
  - Musculature
    - 71-004027
  - Nervous System
    - 71-002279
    - 71-002378
    - 71-002379
    - 71-002610
    - 71-002675
    - 71-003339
    - 71-003483
    - 71-003915
    - 71-010702
  - Nutrient Requirements
    - 71-000827
    - 71-000831
  - Olfaction
    - 71-001639
    - 71-001640
    - 71-011267
  - Organ Weights
    - 71-002554
  - Osmoregulation
    - 71-002398
    - 71-002508
    - 71-002534
    - 71-002625
    - 71-003049
    - 71-003434
    - 71-003680
    - 71-003704
    - 71-004036
  - Otoliths
    - 71-003584
  - Outboard Motor Exhausts
    - 71-010636

...CONTINUED...
- Carassius auratus
  - Outboard Motor Exhausts
    - 71-010637
  - Parasites/Diseases
    - 71-008920
    - 71-009081
    - 71-009082
    - 71-009131
    - 71-009160
    - 71-009178
    - 71-009200
    - 71-009279
    - 71-009350
    - 71-009474
    - 71-009588
    - 71-009653
  - Parathion
    - 71-011118
    - 71-011119
    - 71-011266
    - 71-011267
  - Pentachlorophenol
    - 71-003277
    - 71-010548
    - 71-010549
    - 71-010996
    - 71-010997
  - Peptides
    - 71-003708
  - pH
    - 71-011485
  - Phenols
    - 71-011174
  - Photoperiodism
    - 71-003520
    - 71-003998
  - Phototropism
    - 71-004977
  - Pigmenters
    - 71-000439
  - Pineal Body
    - 71-002537
    - 71-002556
    - 71-002558
    - 71-002559
    - 71-004305
  - Piromidic Acid
    - 71-009131
  - Pleistophora ovariae
    - 71-009350
  - Polyploidy
    - 71-004693
    - 71-004694
  - Predator/Prey Relationships
    - 71-006840
    - 71-007289
  - Proteins
    - 71-003169
  - Protozoan Diseases
    - 71-009279
    - 71-009350
  - Puromycin
    - 71-011329
  - Radionuclides
    - 71-011172
  - Regeneration
    - 71-003455
    - 71-005064
  - Reproduction
    - 71-002248
    - 71-002467
    - 71-002468
    - 71-002469
    - 71-002541
    - 71-002812
    - 71-003000
    - 71-003234
    - 71-003339
    - 71-003779
    - 71-003780
    - 71-004106
    - 71-004107
  - Reproductive System
    - 71-001820
    - 71-003235
    - 71-004447
  - Research Test Fish
    - 71-010548
  - Respiration
    - 71-003435
  - Respiratory System
    - 71-003915
  - RNA
    - 71-003107
    - 71-004241
    - 71-005256
  - Salinity
    - 71-003434
    - 71-003593
    - 71-004036
  - Salmonella
    - 71-009160
  - Scales
    - 71-003583
    - 71-003586
  - Selenium
    - 71-010879
  - Skeletal System
    - 71-003096
    - 71-003585
  - Sodium Chloride
    - 71-010548
    - 71-010549
  - Sodium Lauryl Sulfate
    - 71-010640
  - Spawning
    - 71-006451
  - Startle Response
    - 71-005462

...CONTINUED...
- Carassius auratus
  - Starvation
    - 71-004398
  - Steroids
    - 71-003000
    - 71-004399
    - 71-004400
  - Stress
    - 71-001815
    - 71-002352
    - 71-002760
    - 71-003919
    - 71-004035
    - 71-004096
  - Temperature
    - 71-002279
    - 71-002398
    - 71-002555
    - 71-002610
    - 71-002811
    - 71-002812
    - 71-003050
    - 71-003051
    - 71-003053
    - 71-003169
    - 71-003170
    - 71-003175
    - 71-003407
    - 71-003483
    - 71-003520
    - 71-003580
    - 71-003691
    - 71-003760
    - 71-003761
    - 71-003867
    - 71-003989
    - 71-004027
    - 71-004100
    - 71-004239
    - 71-004259
    - 71-005237
    - 71-005309
    - 71-005315
    - 71-005317
  - Temperature Selection
    - 71-004947
    - 71-005237
    - 71-005309
    - 71-005317
  - Thermal Regulation
    - 71-003761
    - 71-008920
  - Thermoregulation
    - 71-003635
  - Tonic Immobility
    - 71-005168
  - Treatment Plant Effluents
    - 71-011471
  - Trematodes
    - 71-009653
  - Trypanoplasma borelli
    - 71-009279
  - Trypanosoma danilewskyi
    - 71-009279
  - Trypanosomes
    - 71-009279
  - Tumors
    - 71-009474
    - 71-009588
  - Ulcerative Dermal Necrosis
    - 71-009081
    - 71-009082
    - 71-009200
  - Variation Studies
    - 71-004589
  - Vision
    - 71-001512
    - 71-001744
    - 71-001932
    - 71-001941
    - 71-001946
    - 71-001965
    - 71-002115
    - 71-002957
    - 71-003107
    - 71-003351
    - 71-003455
    - 71-003483
    - 71-003525
    - 71-003539
    - 71-003662
    - 71-003867
    - 71-003961
    - 71-003969
    - 71-003986
    - 71-004006
    - 71-004189
    - 71-004416
    - 71-004481
    - 71-004502
    - 71-004656
    - 71-004921
    - 71-005064
    - 71-005136
    - 71-005304
    - 71-005338
    - 71-005363
    - 71-005420
    - 71-005463
  - Zinc
    - 71-000831
    - 71-010597
    - 71-010674
- Carassius auratus auratus
  - Oxygen
    - 71-003307
  - Temperature
    - 71-003307
- Carassius auratus cuvieri
  - Foods/Feeding
    - 71-006997
- Carassius auratus gibelio
  - Age/Growth
    - 71-005697
  - Biochemical Composition
    - 71-002963
  - Blood Chemistry
    - 71-002840
  - Enzymes
    - 71-003149
  - Fecundity
    - 71-006330
  - Olfaction
    - 71-001398
  - Oxygen
    - 71-003308
  - Reproduction
    - 71-005697
  - Temperature
    - 71-003308
- Carassius auratus grandoculis
  - Foods/Feeding
    - 71-006997
- Carassius auratus langsdorfii
  - Hybridization
    - 71-004676
- Carassius carassius
  - Age/Growth
    - 71-006067
  - Culture/Propagation
    - 71-000307
    - 71-000474
  - Feeding Experiments
    - 71-000474
  - Gills
    - 71-001669
  - Hypoxia
    - 71-003174
  - Insecticides
    - 71-000307
  - Polyculture
    - 71-000474
  - Pond Culture
    - 71-000307
    - 71-000474
  - Population Studies
    - 71-006067
  - Radionuclides
    - 71-011172
  - Spawning
    - 71-006373
  - Temperature
    - 71-003116
  - Temperature Reception
    - 71-003116
- Carassius gibelio langsdorfi
  - Pineal Body
    - 71-002012
- Carassius virens
  - Anesthetics
    - 71-010893
  - Butanol
    - 71-010893
- Carcharhinidae
  - Sound Production
    - 71-004928
  - Taxonomy
    - 71-008702
- Carcharhiniformes
  - Morphology
    - 71-008525
  - Taxonomy
    - 71-008525
- Carcharhinus
  - Auditory Senses
    - 71-001487
- Carcharhinus amblyrhynchos
  - Keloids
    - 71-009928
  - Parasites/Diseases
    - 71-009928
  - Tumors
    - 71-009928
- Carcharhinus galapagensis
  - Age/Growth
    - 71-007377
- Carcharhinus isodon
  - Distribution/Geographical
    - 71-008491
- Carcharhinus leucas
  - Age/Growth
    - 71-007377
  - Distribution/Geographical
    - 71-008242
- Carcharhinus limbatus
  - Reproductive System
    - 71-006479
- Carcharhinus melanopterus
  - Spawning
    - 71-006341
- Carcharhinus menisorrah
  - Skeletal System
    - 71-001665
- Carcharhinus milberti
  - Vision
    - 71-001966
    - 71-002233
- Carcharhinus obscurus
  - Heavy Metals
    - 71-010178
  - Mercury
    - 71-010178
  - Movements
    - 71-006637
- Carcharhinus plumbeus
  - Distribution/Geographical
    - 71-007705

...CONTINUED...
- Carcharhinus plumbeus
  - Life History/General
    - 71-007705
- Carcharhinus sealei
  - Life History/General
    - 71-005944
- Carcharinidae
  - Healing
    - 71-002258
- Carcharodon carcharias
  - Attacks on Humans
    - 71-004879
  - Parasites/Diseases
    - 71-009691
  - Parasitic Copepods
    - 71-009691
- Carpiodes
  - Habitat Selection
    - 71-004893
  - Life History/General
    - 71-005492
- Carpiodes carpio
  - Age/Growth
    - 71-007486
  - Channelization
    - 71-007486
  - Lissorchis kritskyi
    - 71-009498
  - Parasites/Diseases
    - 71-009498
  - Production
    - 71-005999
  - Temperature
    - 71-002498
  - Trematodes
    - 71-009498
- Carpiodes cyprinus
  - Abnormalities
    - 71-001407
  - Age/Growth
    - 71-007672
  - Cestodes
    - 71-009775
  - Fecundity
    - 71-007672
  - Janiszewskella
    - 71-009775
  - Lernaea cyprinacea
    - 71-009604
  - Parasites/Diseases
    - 71-009604
    - 71-009775
  - Parasitic Copepods
    - 71-009604
  - Rowardleus
    - 71-009775
- Carpiodes velifer
  - Age/Growth
    - 71-007672
  - Fecundity
    - 71-007672
- Caspialosa kessleri
  - Abundance/Factors of
    - 71-008255
  - Distribution/Factors of
    - 71-008255
  - Fish Lifts
    - 71-012700
  - Spawning
    - 71-012700
- Catla
  - Hybridization
    - 71-004567
- Catla catla
  - Age/Growth
    - 71-007459
    - 71-007511
  - Bacterial Diseases
    - 71-009172
  - Culture/Propagation
    - 71-000318
    - 71-000319
    - 71-000406
    - 71-000409
    - 71-000514
    - 71-000704
    - 71-012663
  - Feeding Experiments
    - 71-000704
  - Feeds
    - 71-000704
  - Fertilization/Soil and Water
    - 71-012663
  - Fin Rot
    - 71-009172
  - Foods/Feeding
    - 71-006848
  - Foods/Feeding/Selectivity
    - 71-007000
  - Induced Maturation
    - 71-000318
    - 71-000319
    - 71-000343
  - Musculature
    - 71-003609
  - Myxobolus
    - 71-009361
  - Parasites/Diseases
    - 71-009172
    - 71-009361
  - Polyculture
    - 71-000514
    - 71-012663
  - Pond Culture
    - 71-000406
    - 71-012663
  - Protozoan Diseases
    - 71-009361

...CONTINUED...
- Catla catla
  - Recirculating Systems
    - 71-000406
  - Salinity
    - 71-002804
  - Sewage Effluents
    - 71-000514
  - Spawning
    - 71-006244
  - Vision
    - 71-002841
- Catonotus
  - Competition
    - 71-008105
  - Distribution/Factors of
    - 71-008105
  - Electrophoresis
    - 71-004859
  - Morphology
    - 71-008718
  - Spawning
    - 71-008718
  - Taxonomy
    - 71-008715
    - 71-008716
    - 71-008718
- Catonotus kennicotti
  - Taxonomy
    - 71-008797
- Catostomidae
  - Anonchohaptor muelleri
    - 71-009585
  - Bile Composition
    - 71-002362
  - Competition
    - 71-012296
  - Culture/Propagation
    - 71-000356
  - Dentition
    - 71-001522
  - Distribution/Geographical
    - 71-008108
  - Early Development
    - 71-001975
  - Fin Rays
    - 71-001742
  - Fish Control/Removal
    - 71-012296
  - Fish Lists/Keys
    - 71-008577
  - Identification/Larvae
    - 71-008577
  - Management/Research--General
    - 71-012296
  - Meristic Studies
    - 71-001975
  - Parasites/Diseases
    - 71-009585
  - Polyploidy
    - 71-004606
  - Skeletal System
    - 71-001521
  - Spawning
    - 71-006239
  - Taxonomy
    - 71-008455
  - Trematodes
    - 71-009585
- Catostomus
  - Nematodes
    - 71-009728
  - Parasites/Diseases
    - 71-009728
  - Rhabdochona catostomi
    - 71-009728
- Catostomus ardens
  - Reproductive System
    - 71-006176
  - Spawning
    - 71-006176
- Catostomus catostomus
  - Age/Growth
    - 71-007641
  - Identification/Larvae
    - 71-008576
  - Life History/General
    - 71-005487
- Catostomus columbianus
  - Life History/General
    - 71-005552
- Catostomus commersoni
  - Acanthocephala
    - 71-009817
    - 71-009821
  - Acidification
    - 71-011054
  - Actinobdella inequiannulata
    - 71-009760
  - Age/Growth
    - 71-007657
  - Bacterial Diseases
    - 71-009206
  - Blood Chemistry
    - 71-002191
    - 71-003051
    - 71-003409
  - Cadmium
    - 71-010766
  - Capillaria catostomi
    - 71-009502
  - Cestodes
    - 71-009677
    - 71-009678
    - 71-009818
    - 71-009821
  - Chlorine
    - 71-011090
  - Circadian Rhythms
    - 71-005126

...CONTINUED...
Catostomus commersoni
 Circadian Rhythms
  71-005127
 Copper
  71-011124
 Cryptobia catostomi
  71-009253
  71-009254
 Cystobranchus meyeri
  71-009679
 Detergents
  71-011123
 Early Development
  71-001466
  71-003514
  71-005207
 Embryology
  71-003429
  71-003514
 Endocrinology
  71-002810
 Fish Control/Removal
  71-012297
 Foods/Feeding/Selectivity
  71-006883
  71-007052
 Habitat Selection
  71-005207
 Heavy Metals
  71-010299
  71-010766
  71-011124
 Helminths
  71-009482
 Hybridization
  71-004734
 Hydrogen Sulfide
  71-011391
 Leeches
  71-009679
  71-009760
 Lernaea cyprinacea
  71-009604
  71-009741
  71-009760
 Life History/General
  71-005487
 Mortality Rates
  71-006144
 Nematodes
  71-009502
  71-009956
  71-009957
  71-009958
  71-009959
  71-009960
 Orientation/Homing
  71-005447
 Parasites/Diseases
  71-009206
  71-009252
  71-009253
  71-009254
  71-009456
  71-009482
  71-009502
  71-009604
  71-009677
  71-009678
  71-009679
  71-009741
  71-009760
  71-009817
  71-009818
  71-009819
  71-009821
  71-009956
  71-009957
  71-009958
  71-009959
  71-009960
 Parasitic Copepods
  71-009604
  71-009741
  71-009760
 pH
  71-011054
  71-011469
 Philometroides huronensis
  71-009956
  71-009957
  71-009958
  71-009959
  71-009960
 Pineal Body
  71-003213
 Population Studies
  71-006144
 Power Plant Effluents
  71-011090
 Predator/Prey Relationships
  71-007347
 Production
  71-006144
 Protozoan Diseases
  71-009252
  71-009253
  71-009254
 Rodlet Cells
  71-001400
  71-001502
  71-001716
 Spruce Budworm Nuclear Polyhedrosis
 Virus
  71-009456
 Temperature
  71-003051
  71-003514
  71-004101

...CONTINUED...
Catostomus commersoni
 Temperature
  71-005127
  71-005314
 Temperature Selection
  71-005127
  71-005314
 Thermal Pollution
  71-010231
 Thermal Regulation
  71-003213
  71-004101
 Trematodes
  71-009819
  71-009821
 Triganodistomum attenuatum
  71-009819
 Trypanosoma catostomi
  71-009252
 Viral Diseases
  71-009456
Catostomus commersoni commersoni
 Life History/General
  71-005704
 Population Studies
  71-005704
Catostomus commersoni utawana
 Taxonomy
  71-008476
Catostomus discobolus
 Reproductive System
  71-006176
 Spawning
  71-006176
Catostomus insignis
 Foods/Feeding
  71-007220
 Movements
  71-006705
Catostomus macrocheilus
 Biacetabulum oregoni
  71-009988
 Cestodes
  71-009988
 Endocrinology
  71-003869
 Gas Bubble Disease
  71-009630
 Hormones
  71-003869
 Hybridization
  71-004734
 Parasites/Diseases
  71-009630
  71-009988
Catostomus microps
 Channelization
  71-012016
 Life History/General
  71-005759
Catostomus occidentalis
 Habitat Selection
  71-004878
Catostomus platyrhynchus
 Hermaphroditism
  71-002936
Catostomus tahoensis
 Distribution/Seasonal
  71-006738
 Distribution/Vertical
  71-006738
 Spawning
  71-006350
Caulolatilus
 Distribution/Geographical
  71-007940
 Habitat Selection
  71-007940
Caulolatilus princeps
 Blood Chemistry
  71-003848
Caulolatilus williamsi
 New Species
  71-008549
Cebidichthyidae
 Fish Lists/Keys
  71-008826
 Identification/Larvae
  71-008826
Cebidichthys violaceus
 Distribution/Geographical
  71-007712
Centrarchidae
 Artificial Reefs
  71-007192
 Chloromyxum trijugum
  71-009334
 Cryptogonimidae
  71-009654
 Early Development
  71-008527
 Electrophoresis
  71-004529
 Foods/Feeding
  71-007192
 Genetics
  71-004532
 Habitat Selection
  71-005446
 Helminths
  71-009719
 Identification/Larvae
  71-008527
 Karyotypes
  71-004530
 Myxosporida
  71-009334
 Nematodes
  71-009504

...CONTINUED...
Centrarchidae
 Parasites/Diseases
  71-009334
  71-009504
  71-009654
  71-009719
 Philometra
  71-009504
 Protozoan Diseases
  71-009334
 Pumped Storage
  71-011877
 Trematodes
  71-009654
 Variation Studies
  71-004532
 Water Level Fluctuations
  71-011877
Centrophorus scalpratus
 Gills
  71-001484
Centropogon australis
 Foods/Feeding
  71-006781
Centropomus
 Fish Lists/Keys
  71-008605
Centropomus poeyi
 Distribution/Geographical
  71-008605
Centropomus undecimalis
 Age/Growth
  71-005924
 Culture/Propagation
  71-000552
  71-000650
 Fry Production
  71-000650
 Mortality Rates
  71-005924
 Movements
  71-005924
 Population Studies
  71-005924
 Vision
  71-001523
Centropristis melana
 Culture/Propagation
  71-000642
 Recirculating Systems
  71-000642
Centropristis striata
 Age/Growth
  71-007399
 Distribution/Seasonal
  71-005764
  71-006675
 Life History/General
  71-005676
  71-005741
  71-005764
 Management/Research--Marine
  71-005741
  71-005764
  71-007399
 Movements
  71-007399
 Population Studies
  71-005741
Centropyge potteri
 Spawning
  71-006389
Cephaloscyllium ventriosum
 Distribution/Geographical
  71-007822
Cepola rubescens
 Burrowing Behavior
  71-003846
  71-004883
  71-005477
 Life History/General
  71-005477
 Respiration
  71-003846
Ceratioidei
 Reproduction
  71-006461
Ceratoscipelus warmingi
 Foods/Feeding
  71-006830
Ceratoscopelus warmingi
 Foods/Feeding
  71-006938
Cetorhinus maximus
 Distribution/Geographical
  71-007987
  71-008804
 Morphology
  71-008804
 Taxonomy
  71-008804
Chaenichthyidae
 Identification/Larvae
  71-008881
Chaenichtinidae
 Antifreeze Production
  71-003851
 Temperature
  71-003851
Chaenocephalus aceratus
 Respiratory System
  71-001618
Chaenogobius annularis
 Coloration
  71-001823
 Distribution/Factors of
  71-008090
 Ecology
  71-008090

...CONTINUED...
Chaenogobius annularis
 Meristic Studies
  71-001823
Chaenogobius isaza
 Polychlorinated Biphenyls
  71-010484
Chaetodipterus faber
 Spawning
  71-006221
Chaetodon fremblii
 Spawning
  71-006389
Chaetodon miliaris
 Age/Growth
  71-007588
  71-007589
 Foods/Feeding
  71-007589
 Spawning
  71-007589
Chaetodon multicinctus
 Spawning
  71-006389
 Temperature Selection
  71-005217
 Thermal Pollution
  71-005217
Chaetodon paucifasciatus
 Ascarophis distortus
  71-009640
 Nematodes
  71-009640
 Parasites/Diseases
  71-009640
Chaetodon unimaculatus
 Spawning
  71-006389
Chaetodontidae
 Taxonomy
  71-008827
 Zoogeography
  71-007979
Chaetognatha
 Distribution/Geographical
  71-007968
Chaetognathidae
 Distribution/Geographical
  71-008737
 Taxonomy
  71-008737
Chalcalburnus chalcoides
 Blood Chemistry
  71-002617
 Electrophoresis
  71-002617
 Life History/General
  71-005465
Chalcalburnus chalcoides schischkovi
 Reproduction
  71-003200
 Salinity
  71-003200
Champsocephalus gunnari
 Antifreeze Production
  71-002890
 Biochemical Composition
  71-002890
  71-002891
 Morphology
  71-001675
 Musculature
  71-002890
  71-002891
Champsodon capensis
 Distribution/Geographical
  71-002767
 Early Development
  71-002767
Channa gachua
 Insecticides
  71-011497
 Organophosphates
  71-011497
Channa marulius
 Air Breathing
  71-003685
 Respiration
  71-003685
Channa punctatus
 Air Breathing
  71-003454
 Allocreadium handiai
  71-009776
 Benzene
  71-010825
 Biochemical Composition
  71-003607
 Blood Chemistry
  71-003453
  71-003454
 Cadmium
  71-010762
 Culture/Propagation
  71-000806
 DAAB
  71-010825
 Detergents
  71-011495
 Diazinon
  71-010571
  71-010572
  71-011310
 Dimecron
  71-011323
 Dimethoate
  71-010571
  71-010572
 Endocrinology
  71-003181

...CONTINUED...
- Channa punctatus
  - Endrin
    - 71-011316
    - 71-011320
    - 71-011321
    - 71-011324
    - 71-011359
  - Genarchopis goppo
    - 71-009778
  - Gills
    - 71-001597
  - Heavy Metals
    - 71-010762
    - 71-011311
    - 71-011312
    - 71-011313
    - 71-011314
    - 71-011315
    - 71-011317
    - 71-011318
    - 71-011319
    - 71-011322
    - 71-011325
    - 71-011327
    - 71-011328
  - Hormones
    - 71-003486
  - Insecticides
    - 71-010571
    - 71-010572
    - 71-011310
    - 71-011316
    - 71-011320
    - 71-011321
    - 71-011323
    - 71-011324
    - 71-011359
  - Isoparorchis hypselobagri
    - 71-009780
  - Lead
    - 71-011314
    - 71-011315
    - 71-011318
  - Lead Nitrate
    - 71-011314
    - 71-011315
  - Malathion
    - 71-010571
  - Mercuric Chloride
    - 71-011317
    - 71-011319
  - Mercury
    - 71-011311
    - 71-011312
    - 71-011313
    - 71-011317
    - 71-011319
    - 71-011322
    - 71-011325
    - 71-011327
    - 71-011328
  - Nematodes
    - 71-009918
  - Neocamallanus bareilliensis
    - 71-009918
  - Nervous System
    - 71-001476
  - Nutrition
    - 71-000806
    - 71-000807
  - Olfaction
    - 71-001902
  - Organophosphates
    - 71-010572
    - 71-011310
    - 71-011323
  - Parasites/Diseases
    - 71-009776
    - 71-009778
    - 71-009780
    - 71-009918
  - Parathion
    - 71-010571
    - 71-010572
  - RNA
    - 71-003607
  - Scales
    - 71-003946
  - Sodium Lauryl Sulfate
    - 71-011495
  - Swascol 1P
    - 71-011495
  - Swimbladder
    - 71-001963
  - Taste Reception
    - 71-001697
  - Trematodes
    - 71-009776
    - 71-009778
    - 71-009780
  - Vitamins
    - 71-000806
    - 71-000807
- Channa striatus
  - Air Breathing
    - 71-004301
  - Culture/Propagation
    - 71-000878
  - Endocrinology
    - 71-001982
  - Feeding Experiments
    - 71-000878
  - Foods/Feeding
    - 71-000878
- Chanos chanos
  - Abundance/Factors of
    - 71-008383
  - Culture/Propagation
    - 71-000061

...CONTINUED...
- Chanos chanos
  - Culture/Propagation
    - 71-000305
    - 71-000344
    - 71-000354
    - 71-000360
    - 71-000380
    - 71-000418
    - 71-000429
    - 71-000463
    - 71-000477
    - 71-000502
    - 71-000508
    - 71-000533
    - 71-000553
    - 71-000554
    - 71-000573
    - 71-000579
    - 71-000582
    - 71-000617
    - 71-000621
    - 71-000625
    - 71-000638
    - 71-000639
    - 71-000795
    - 71-000959
    - 71-008095
    - 71-012294
  - Diazinon
    - 71-010765
  - Distribution/Geographical
    - 71-006654
    - 71-007714
    - 71-008031
    - 71-008095
  - Early Development
    - 71-000344
  - Electrophoresis
    - 71-004798
  - Feeding Experiments
    - 71-000354
    - 71-000795
  - Fertilization
    - 71-000344
  - Fertilization/Soil and Water
    - 71-000477
  - Fry Production
    - 71-000429
    - 71-000508
    - 71-000579
    - 71-000638
  - Induced Maturation
    - 71-000418
    - 71-000429
  - Insecticides
    - 71-010765
  - Movements
    - 71-006654
  - Net-Pen Culture
    - 71-000617
  - Nets/Netting
    - 71-012588
  - Nutrition
    - 71-000795
  - Pen Culture
    - 71-000360
  - Polyculture
    - 71-000354
    - 71-000431
    - 71-000582
  - Pond Culture
    - 71-000431
    - 71-000463
    - 71-000477
    - 71-000582
    - 71-000625
    - 71-000639
  - Reproduction
    - 71-006369
  - Spawning
    - 71-006369
  - Tank Culture
    - 71-000553
  - Transportation
    - 71-000959
  - Variation Studies
    - 71-004798
- Chaparrudo flavescens
  - Distribution/Geographical
    - 71-007711
- Characidae
  - Coloration
    - 71-001770
  - Mouth Parts
    - 71-001924
    - 71-001953
  - Musculature
    - 71-001526
  - New Species
    - 71-008858
    - 71-008859
  - Paleontology
    - 71-001924
  - Parasites/Diseases
    - 71-009532
  - Trematodes
    - 71-009532
- Characodon lateralis
  - Reproductive System
    - 71-005247
- Chasmistes cujus
  - Distribution/Seasonal
    - 71-006738
  - Distribution/Vertical
    - 71-006738
  - Salinity
    - 71-002422
  - Status
    - 71-011746
- Chasmodes bosquianus
  - Habitat Selection
    - 71-005287
  - Predator/Prey Relationships
    - 71-007180
- Chauliodontidae
  - Distribution/Geographical
    - 71-007725
- Chauliodus sloani
  - Vision
    - 71-001733
- Cheilodactylidae
  - Early Development
    - 71-001515
  - Morphology
    - 71-001515
- Cheilodactylus fuscus
  - Foods/Feeding
    - 71-006780
- Cheilodactylus macropterus
  - Age/Growth
    - 71-005864
    - 71-007656
    - 71-007659
  - Distribution/Geographical
    - 71-005864
    - 71-008244
  - Early Development
    - 71-005864
  - Life History/General
    - 71-008244
  - Mortality Rates
    - 71-007659
  - Otoliths
    - 71-002783
  - Parasites/Diseases
    - 71-009036
  - Spawning
    - 71-006475
- Cheilodipteris zonatus
  - Mimicry
    - 71-005350
- Cheilopogon
  - Identification/Larvae
    - 71-008650
- Cheilopogon intermedius
  - Early Development
    - 71-001686
- Chelidonichthys capensis
  - Distribution/Geographical
    - 71-005854
  - Foods/Feeding
    - 71-005854
  - Spawning
    - 71-005854
- Chelidonichthys kumu
  - Age/Growth
    - 71-005575
    - 71-007367
  - Population Studies
    - 71-005575
  - Spawning
    - 71-005575
- Chelidonichthys lastoviza
  - Taxonomy
    - 71-008754
- Chelmon rostratus
  - Digestive system
    - 71-002066
  - Digestive System
    - 71-001997
- Chelon engeli
  - Filming Amine
    - 71-011111
  - Morpholine
    - 71-011111
  - Power Plant Effluents
    - 71-011111
- Chelon labrosus
  - Endocrinology
    - 71-002772
    - 71-002773
  - Hormones
    - 71-002772
    - 71-002773
  - Osmoregulation
    - 71-002221
    - 71-002772
    - 71-002773
    - 71-002774
  - Phenoclor DP6
    - 71-011176
    - 71-011177
  - Polychlorinated Biphenyls
    - 71-011175
    - 71-011176
    - 71-011177
  - Salinity
    - 71-002435
- Chelonodon patoca
  - Foods/Feeding
    - 71-006785
  - Mouth Parts
    - 71-006785
- Chemichromys
  - Buoyancy Adjustment
    - 71-005425
  - Predator/Prey Relationships
    - 71-005425
- Chilomycterus schoepfi
  - Albinism
    - 71-001503
- Chimaera monstrosa
  - Biochemical Composition
    - 71-003897
  - Cardio-Vascular System
    - 71-001416

...CONTINUED...
- Chimaera monstrosa
  - Lactate Dehydrogenase
    - 71-004230
  - Locomotion
    - 71-001691
  - Musculature
    - 71-001691
  - Organ Weights
    - 71-001844
- Chirocentrus dorab
  - Neohystero indicus
    - 71-009473
  - Neohystero lecitha
    - 71-009473
  - Parasites/Diseases
    - 71-009473
  - Trematodes
    - 71-009473
- Chirolophis decoratus
  - Distribution/Geographical
    - 71-007720
- Chitinotus pugetensis
  - Early Development
    - 71-006418
  - Reproduction
    - 71-006418
  - Spawning
    - 71-006418
- Chitonotus pugetensis
  - Spawning
    - 71-006286
- Chlamidoselachus anguineus
  - Distribution/Geographical
    - 71-007826
- Chlamydoselachus anguineus
  - Distribution/Geographical
    - 71-008091
- Chologaster agassizi
  - Distribution/Geographical
    - 71-008047
- Chondrichthyes
  - Acoustico-Lateralis System
    - 71-002285
  - Attacks on Humans
    - 71-005023
  - Auditory Senses
    - 71-001887
  - Behavior
    - 71-005049
    - 71-005246
  - Body Form
    - 71-005413
  - Distribution/Geographical
    - 71-007752
  - Electrical Fields/Skin
    - 71-003189
  - Encephalization
    - 71-001406
  - Evolution
    - 71-008526
    - 71-008771
  - Foods/Feeding
    - 71-007138
  - Life History/General
    - 71-005523
    - 71-005804
    - 71-005812
  - Locomotion
    - 71-005413
  - Management/Research--Marine
    - 71-005023
    - 71-005804
  - Morphology
    - 71-001653
    - 71-008526
    - 71-008771
  - Mouth Parts
    - 71-007138
  - Nervous System
    - 71-002563
    - 71-003661
  - Orientation/Homing
    - 71-003189
  - Paleontology
    - 71-008526
    - 71-008771
  - Reproduction
    - 71-001574
  - Reproductive System
    - 71-006570
  - Siphon Sacs
    - 71-001574
  - Skeletal System
    - 71-001808
  - Spawning
    - 71-006570
  - Symposia
    - 71-013460
  - Taxonomy
    - 71-008526
    - 71-008771
  - Vision
    - 71-001593
- Chondrostoma nasus
  - Spawning
    - 71-006373
- Choridactylinae
  - Taxonomy
    - 71-008557
- Chromidotilapia linkei
  - New Species
    - 71-008806
- Chromis chromis
  - Habitat Selection
    - 71-005183
  - Spawning
    - 71-005183
- Chromis cyanea
  - Habitat Selection
    - 71-004964

...CONTINUED...
Chromis cyanea
  Spawning
    71-004915
  Territorial Behavior
    71-004915
Chromis punctipinnis
  Swimming Performance
    71-004978
Chromis scotti
  Distribution/Geographical
    71-008616
  Morphology
    71-008616
  Taxonomy
    71-008616
Chromus chromus
  Neuroamines
    71-005041
  Temperature
    71-005041
  Temperature Selection
    71-005041
Chrosomus erythrogaster
  Age/Growth
    71-005825
  Distribution/Geographical
    71-007856
  Fecundity
    71-006503
  Foods/Feeding
    71-005825
  Population Studies
    71-005825
  Spawning
    71-006503
Chrosomus neogaeus
  Age/Growth
    71-005841
  Coloration
    71-001984
  Distribution/Geographical
    71-008205
  Spawning
    71-005841
  Variation Studies
    71-001984
Chrysichthys filamentosus
  Foods/Feeding
    71-006990
Chrysichthys nigrodigitatus
  Age/Growth
    71-007445
  Foods/Feeding
    71-006990
  Otoliths
    71-007445
Chrysichthys walkeri
  Foods/Feeding
    71-006990
  Life History/General
    71-005662
Chrysophrys auratus
  Age/Growth
    71-007607
  Electrophoresis
    71-004801
    71-008795
  Fecundity
    71-006237
  Harvest
    71-013178
  Heavy Metals
    71-011285
  Identification/Larvae
    71-008795
  Management/Research--Marine
    71-013178
  Marking/Tagging
    71-012369
  Mercury
    71-011285
  Population Studies
    71-013178
  Spawning
    71-006238
  Variation Studies
    71-004801
Chrysophrys major
  Abnormalities
    71-001993
  Amino Acids
    71-006931
    71-006932
  Biochemical Composition
    71-000742
    71-003926
  Culture/Propagation
    71-000578
    71-000646
    71-000742
    71-000784
    71-000867
    71-000868
    71-000869
    71-000874
    71-000876
    71-001993
  Diets
    71-000784
  Feeding Experiments
    71-000646
    71-000742
    71-000784
    71-000867
    71-000868
    71-000869
    71-000870

...CONTINUED...
Chrysophrys major
  Feeding Experiments
    71-000871
    71-000874
    71-000875
  Feeds
    71-000869
  Fingerling Production
    71-000646
  Fish Preservation
    71-013409
  Foods/Feeding
    71-006931
    71-006932
  Green Liver
    71-009906
  Heavy Metals
    71-000871
    71-003238
    71-003324
  Iron
    71-000871
  Mercury
    71-003238
    71-003324
  Nutrient Requirements
    71-000870
    71-000871
    71-000872
    71-000875
    71-000876
  Nutrition
    71-000742
    71-000874
    71-000875
    71-000876
  Olfaction
    71-006931
  Parasites/Diseases
    71-009906
  Phosphorus
    71-000870
  Starvation
    71-003929
    71-003930
  Taste Reception
    71-006931
  Temperature
    71-003126
  Vision
    71-005103
Cichla
  Cannibalism
    71-005461
  Mimicry
    71-005461
Cichla ocellaris
  Age/Growth
    71-005889
  Coloration
    71-001944
  Life History/General
    71-005889
Cichla temensis
  Stocking/Introductions
    71-012455
Cichlasoma
  Brooding Behavior
    71-004951
Cichlasoma baeni
  Contracaecum
    71-009971
  Nematodes
    71-009971
  Parasites/Diseases
    71-009971
Cichlasoma bouchellei
  Taxonomy
    71-008844
Cichlasoma citrinellum
  Aggressive Behavior
    71-004888
  Brooding Behavior
    71-005209
  Coloration
    71-004887
    71-004888
  Habitat Selection
    71-005211
  Olfaction
    71-005209
  Social Behavior
    71-004887
  Spawning Behavior
    71-006191
Cichlasoma cyanoguttata
  Aggressive Behavior
    71-004927
  Territorial Behavior
    71-004927
Cichlasoma cyanoguttatum
  Blood Chemistry
    71-002163
Cichlasoma maculicauda
  Brooding Behavior
    71-005278
  Spawning
    71-006456
Cichlasoma managuense
  Management/Research--Ponds
    71-013019
  Population Studies
    71-013019
  Predator/Prey Relationships
    71-013019
  Stocking/Introductions
    71-013019

Cichlasoma nicaraguense
  Social Behavior
    71-005210
Cichlasoma nigrofasciatum
  Abundance/Factors of
    71-006268
  Aggressive Behavior
    71-005090
  Brooding Behavior
    71-004904
  Copper
    71-011209
  Culture/Propagation
    71-011254
  Endocrinology
    71-003591
  Heavy Metals
    71-011209
    71-011210
  Hormones
    71-003591
  Imprinting
    71-005071
  Lead
    71-011210
  Research Test Fish
    71-011254
  Spawning
    71-006267
    71-006268
  Zinc
    71-011209
Cichlasoma zaliosum
  Spawning Behavior
    71-006191
Cichlidae
  Age/Growth
    71-000537
    71-005626
  Brooding Behavior
    71-005208
    71-005331
    71-005332
  Chromosome Numbers
    71-004824
  Communication
    71-005243
  Digestive System
    71-003757
  Distribution/Geographical
    71-007701
    71-007927
  Fecundity
    71-000537
  Fenthion
    71-010948
  Foods/Feeding
    71-001728
    71-007066
    71-007067
  Gills
    71-001563
  Identification/Juveniles
    71-008511
  Insecticides
    71-010948
  Karyotypes
    71-004826
    71-004865
  Management/Research--Lakes
    71-006140
  Morphology
    71-008472
  Mortality Rates
    71-000537
  Mouth Parts
    71-001728
    71-001729
    71-007066
    71-007067
  New Species
    71-007701
  Population Studies
    71-006140
  Skeletal System
    71-008607
  Sound Production
    71-005243
  Spawning
    71-000537
    71-005212
    71-005626
    71-005878
    71-006190
    71-006411
  Speciation
    71-004678
    71-004679
  Status/Florida: Dade Cty.
    71-007927
  Taxonomy
    71-008472
    71-008606
    71-008607
    71-008652
  Trophic Relationships
    71-005878
  Variation Studies
    71-004679
Ciliata mustela
  Foods/Feeding
    71-005479
  Heavy Metals
    71-005479
  Life History/General
    71-005479
  Mercury
    71-005479

Ciliata septentrionalis
  Life History/General
    71-005535
Cinocottus analis
  Foods/Feeding
    71-007353
Cirrhina
  Hybridization
    71-004567
Cirrhina molitorella
  Induced Maturation
    71-000343
Cirrhina mrigala
  Age/Growth
    71-007459
    71-007477
  Avitaminosis
    71-009384
  Biochemical Composition
    71-003142
  Culture/Propagation
    71-000318
    71-000319
    71-000366
    71-000409
    71-000704
    71-000705
    71-003562
    71-012663
  Detergents
    71-011495
  Endocrinology
    71-003034
  Fecundity
    71-007477
  Feeding Experiments
    71-000704
    71-000705
  Feeds
    71-000704
    71-000705
  Fertilization/Soil and Water
    71-012663
  Harvest
    71-005525
  Hormones
    71-003562
  Induced Maturation
    71-000318
    71-000319
    71-000343
    71-003562
  Insecticides
    71-011497
  Life History/General
    71-005525
  Maturation
    71-003139
    71-003562
  Mortality Factors
    71-000366
  Myxobolus
    71-009361
  Nervous System
    71-001951
    71-001952
  Nutritional Diseases
    71-009384
  Organophosphates
    71-011497
  Parasites/Diseases
    71-009361
    71-009370
    71-009371
    71-009384
  Polyculture
    71-012663
  Pond Culture
    71-012663
  Protozoan Diseases
    71-009361
    71-009370
    71-009371
  Salinity
    71-002804
  Sodium Lauryl Sulfate
    71-011495
  Spawning
    71-006244
  Swascol 1P
    71-011495
  Trypanosomes
    71-009370
    71-009371
Cirrhina reba
  Light
    71-004288
  Reproduction
    71-004288
  Spawning
    71-004288
Cirrhites pinnulatus
  Predator/Prey Relationships
    71-007071
Citharichthys fragilis
  Distribution/Geographical
    71-007688
Citharichthys sordidus
  Foods/Feeding
    71-007047
    71-007171
  Habitat Selection
    71-005275
Citharichthys stigmaeus
  Sampling
    71-013425
  Temperature
    71-004993

...CONTINUED...

- Citharichthys stigmaeus
  - Temperature Selection
    - 71-004993
- Citharinidae
  - Commercial Fishing
    - 71-005994
  - Exploitation Rates
    - 71-005994
  - Population Studies
    - 71-005994
- Citharinus
  - Foods/Feeding
    - 71-006764
- Clarias
  - Blood Chemistry
    - 71-002404
  - Meristic Studies
    - 71-001726
  - Morphology
    - 71-001725
    - 71-001726
  - Reproduction
    - 71-001726
  - Sexual Dimorphism
    - 71-001493
  - Spawning
    - 71-001725
    - 71-001726
    - 71-006212
  - Taxonomy
    - 71-008818
- Clarias batrachus
  - Abnormalities
    - 71-001898
  - Air Breathing
    - 71-001724
    - 71-003179
    - 71-003424
  - Blood Chemistry
    - 71-003180
    - 71-004181
    - 71-004182
  - Cardio-Vascular System
    - 71-001981
  - Culture/Propagation
    - 71-000380
    - 71-000411
    - 71-000416
  - Distribution/Geographical
    - 71-007800
    - 71-007801
    - 71-007803
  - DNA
    - 71-003608
  - Enzymes
    - 71-003589
  - Fertilization/Soil and Water
    - 71-000416
  - Foods/Feeding
    - 71-007082
  - Gills
    - 71-001723
  - Heavy Metals
    - 71-010754
    - 71-011332
  - Induced Maturation
    - 71-000411
  - Insecticides
    - 71-011454
  - Mercury
    - 71-011332
  - Organophosphates
    - 71-011454
  - Parasites/Diseases
    - 71-009370
  - Phosphamidon
    - 71-011454
  - Proteins
    - 71-003589
  - Protozoan Diseases
    - 71-009370
  - Reproductive System
    - 71-001786
  - Respiratory System
    - 71-001724
  - RNA
    - 71-003608
  - Starvation
    - 71-004181
    - 71-004182
  - Status
    - 71-007803
  - Stocking/Introductions
    - 71-007801
  - Trypanosomes
    - 71-009370
- Clarias gariepinus
  - Age/Growth
    - 71-007405
  - Culture/Propagation
    - 71-005536
  - Distribution/Geographical
    - 71-007962
  - Early Development
    - 71-006212
  - Fecundity
    - 71-006225
  - Foods/Feeding
    - 71-006805
    - 71-006806
  - Life History/General
    - 71-005536
    - 71-005882
  - Maturation
    - 71-006225
  - Predator/Prey Relationships
    - 71-006805
    - 71-006806

...CONTINUED...

- Clarias gariepinus
  - Spawning
    - 71-006212
    - 71-006225
- Clarias lazera
  - Air Breathing
    - 71-002167
  - Cesium
    - 71-010926
  - Cobalt
    - 71-010926
  - Culture/Propagation
    - 71-000389
    - 71-000390
  - Endocrinology
    - 71-002168
    - 71-003890
  - Induced Maturation
    - 71-000389
  - Pond Culture
    - 71-000389
  - Radionuclides
    - 71-010926
  - Reproduction
    - 71-000389
  - Respiration
    - 71-002167
    - 71-003451
  - Salinity
    - 71-002452
  - Spawning
    - 71-006225
- Clarias mossambicus
  - Cestodes
    - 71-009972
  - Parasites/Diseases
    - 71-009972
  - Polyonchobothrium clarias
    - 71-009972
- Clarias ngamensis
  - Life History/General
    - 71-005882
- Clarias senegalensis
  - Life History/General
    - 71-005668
- Clevelandia ios
  - Habitat Selection
    - 71-005509
  - Life History/General
    - 71-005509
    - 71-008001
- Clinidae
  - Abundance
    - 71-006037
  - Taxonomy
    - 71-008603
- Clinocottus
  - Electrophoresis
    - 71-004815
- Clinocottus globiceps
  - Age/Growth
    - 71-007419
- Clinostomus funduloides
  - Distribution/Geographical
    - 71-008064
- Clinus superciliosus
  - Reproductive Sytem
    - 71-004285
- Clupea
  - Acoustico-Lateralis System
    - 71-001497
  - Culture/Propagation
    - 71-000995
  - Gamete Storage
    - 71-000995
  - Swimbladder
    - 71-001497
- Clupea harengus
  - Abundance
    - 71-006112
    - 71-006113
    - 71-007648
  - Abundance/Factors of
    - 71-008342
    - 71-008345
  - Acoustico-Lateralis System
    - 71-001382
    - 71-002266
    - 71-002267
    - 71-002569
  - Age/Growth
    - 71-007335
    - 71-007535
    - 71-007648
  - Anisakis
    - 71-009964
  - Artificial Reefs
    - 71-013157
  - Benzene
    - 71-011435
  - Bibliographies
    - 71-005743
  - Commercial Fishing
    - 71-012194
    - 71-012215
  - Copper
    - 71-010613
  - Culture/Propagation
    - 71-001045
  - Distribution/Vertical
    - 71-006707
    - 71-006708
  - Early Development
    - 71-001513
    - 71-001937
  - Economic Values
    - 71-012215
  - Embryo Storage
    - 71-001045

...CONTINUED...

- Clupea harengus
  - Enzymes
    - 71-003187
  - Foods/Feeding
    - 71-006786
    - 71-006855
    - 71-007172
    - 71-007335
  - Harvest
    - 71-012215
    - 71-013160
    - 71-013262
  - Healing
    - 71-008350
  - Heavy Metals
    - 71-010274
    - 71-010613
  - Hydrostatic Pressure
    - 71-002265
    - 71-003044
  - Injuries
    - 71-008350
  - Life History/General
    - 71-005743
    - 71-013258
  - Management/Research--Marine
    - 71-005743
    - 71-006151
    - 71-013160
    - 71-013258
    - 71-013262
  - Mercury
    - 71-010274
  - Mortality Factors
    - 71-008350
  - Movements
    - 71-006607
    - 71-007648
  - Nematodes
    - 71-009922
    - 71-009923
    - 71-009924
    - 71-009964
  - Oil
    - 71-011435
  - Olfaction
    - 71-006855
  - Parasites/Diseases
    - 71-009772
    - 71-009922
    - 71-009923
    - 71-009924
    - 71-009964
  - Phocascaris
    - 71-009922
    - 71-009923
    - 71-009924
  - Pollution Avoidance
    - 71-010493
  - Population Studies
    - 71-006112
    - 71-006113
    - 71-006117
    - 71-006151
  - Predator/Prey Relationships
    - 71-006769
    - 71-006786
    - 71-007335
  - Pressure Effects
    - 71-002265
    - 71-003044
  - Pulp Mill Effluents
    - 71-010493
  - Renicola
    - 71-009772
  - Spawning Substrates
    - 71-013157
  - Swimbladder
    - 71-001382
    - 71-002266
    - 71-002267
  - Trematodes
    - 71-009772
  - Trophic Relationships
    - 71-007335
  - Vision
    - 71-001937
  - Year Class Strength
    - 71-006113
- Clupea harengus harengus
  - Abundance/Factors of
    - 71-006030
    - 71-006159
    - 71-008444
  - Age/Growth
    - 71-006030
  - Anisakis simplex
    - 71-009509
  - Bioenergetics
    - 71-003518
    - 71-004339
  - Condition Factors
    - 71-003518
  - Distribution/Vertical
    - 71-006709
  - Exploitation Rates
    - 71-006118
  - Fecundity
    - 71-006414
  - Fish Kills
    - 71-011529
  - Harvest
    - 71-005953
    - 71-006118
  - Lipid Content
    - 71-003518
  - Magnetic Tags
    - 71-012372

...CONTINUED...

- Clupea harengus harengus
  - Management/Research--Marine
    - 71-006118
    - 71-006159
    - 71-013328
  - Marking/Tagging
    - 71-012372
    - 71-012373
  - Meristic Studies
    - 71-005926
  - Metabolic Rates
    - 71-006743
  - Morphology
    - 71-005926
  - Movements
    - 71-006743
    - 71-013328
  - Nematodes
    - 71-009509
    - 71-009925
  - Parasites/Diseases
    - 71-009451
    - 71-009509
    - 71-009925
  - Phocascaris
    - 71-009925
  - Piscine Erythrocytic Necrosis
    - 71-009451
  - Population Studies
    - 71-005926
    - 71-005953
    - 71-006119
    - 71-006120
  - Recruitment
    - 71-006030
    - 71-006159
  - Schooling Behavior
    - 71-005336
  - Toxic Algae
    - 71-011529
  - Viral Diseases
    - 71-009451
  - Weather
    - 71-008444
- Clupea harengus maris-albi
  - Foods/Feeding
    - 71-006927
    - 71-007241
  - Otoliths
    - 71-001579
- Clupea harengus membras
  - Abundance/Factors of
    - 71-008303
  - Digestive System
    - 71-001684
  - Fecundity
    - 71-006444
  - Lymphocystis
    - 71-009393
  - Parasites/Diseases
    - 71-009393
  - Population Studies
    - 71-008303
  - Viral Diseases
    - 71-009393
  - Year Class Strength
    - 71-008415
- Clupea harengus pallasi
  - Abundance/Factors of
    - 71-006960
  - Age/Growth
    - 71-001658
    - 71-005502
    - 71-006960
  - Anisakis
    - 71-009675
    - 71-009676
  - Benzene
    - 71-010774
    - 71-010775
    - 71-010776
    - 71-011004
  - Cestodes
    - 71-009675
  - Commercial Fishing
    - 71-013265
    - 71-013266
    - 71-013267
    - 71-013326
  - Copper
    - 71-011278
  - Distribution/Factors of
    - 71-007778
  - Distribution/Geographical
    - 71-008234
  - Distribution/Seasonal
    - 71-007778
  - Enzymes
    - 71-003472
  - Fecundity
    - 71-006393
    - 71-006452
    - 71-006470
  - Feeding Experiments
    - 71-006960
  - Foods/Feeding
    - 71-006960
  - Habitat Selection
    - 71-005185
  - Harvest
    - 71-006202
    - 71-013266
  - Heavy Metals
    - 71-011278
  - Hydrocarbons
    - 71-010774
  - Locomotion
    - 71-002281

...CONTINUED...
Clupea harengus pallasi
Management/Research--Marine
71-005991
71-013265
71-013266
71-013267
Maturation
71-003184
71-005502
Meristic Studies
71-001658
Mortality Factors
71-005184
Nematodes
71-009676
Oil
71-010679
71-010774
71-010775
71-010776
71-011004
71-011395
Parasites/Diseases
71-005502
71-008899
71-008900
71-009675
71-009676
Population Studies
71-005991
Predator/Prey Relationships
71-007316
Reproduction
71-006318
Schooling Behavior
71-005184
Spawning
71-006201
71-006318
Toluene
71-011004
Variation Studies
71-004816
Clupea harengus pallasi maris-albi
Abundance/Factors of
71-006943
Foods/Feeding
71-006943
Clupea harengus pallasi natio maris-albi
Variation Studies
71-004686
Clupea sprattus
Lernaeenicus
71-009885
Parasites/Diseases
71-009885
Parasitic Copepods
71-009885
Population Studies
71-006121
Clupeidae
Culture/Propagation
71-000581
Distribution/Seasonal
71-006603
Distribution/Vertical
71-006622
71-006731
Heavy Metals
71-010225
Larval Behavior
71-006622
Lipid Composition
71-003723
Management/Research--Marine
71-006103
Management/Research--Reservoirs
71-013098
Mercury
71-010225
New Species
71-008777
Population Studies
71-006103
71-013098
Spawning Substrates
71-000581
Clupeiformes
Olfaction
71-002080
Clupeonella delicaluta
Foods/Feeding/Selectivity
71-007038
Clupeonella delicatula caspia
Foods/Feeding/Selectivity
71-007039
Clupeonella delicatula caspia morpha Tscharchalensis
Foods/Feeding
71-007037
Clupeonella engrauliformis
Abundance/Factors of
71-008402
Temperature
71-008402
Cnidoglanis macrocephalus
Distribution/Geographical
71-007992
Taxonomy
71-007992
Cobitidae
Taxonomy
71-008703
Cobitis
Distribution/Geographical
71-004837
Karyotypes
71-004837
Cobitis biwae
Blood Chemistry
71-004784

...CONTINUED...
Cobitis biwae
Chromosome Numbers
71-004784
Cobitis taenia
Age/Growth
71-005700
Antiseptics
71-010725
Biochemical Composition
71-003390
Canestrini's Organ
71-001734
Fins
71-001734
Foods/Feeding
71-007206
Gills
71-001926
Integument
71-003390
Mucus
71-003390
Spawning
71-005700
Coccorella
Digestive System
71-002045
Coccorella atrata
Bioluminescence
71-002965
Cocotropus steinitzi
New Species
71-008558
Coelorinchus
Distribution/Geographical
71-008636
Taxonomy
71-008636
Coelorinchus aconcagua
New Species
71-008636
Coilia
Taxonomy
71-008779
Coilia ramcarati
Age/Growth
71-007655
Colisa
Sexual Dimorphism
71-001493
Spawning
71-005115
Colisa fasciatus
Cobalt
71-011417
Heavy Metals
71-010555
71-011151
71-011418
Karyotypes
71-004764
Lead
71-011418
Nickel
71-010555
Sex Determination
71-004764
Zinc
71-011151
Colisa labiosa
Olfaction
71-002051
Otoliths
71-002053
Colisa lalia
Hormones
71-002829
Colobodus
Dentition
71-001851
Skeletal System
71-001851
Cololabis saira
Culture/Propagation
71-000561
71-000562
Fecundity
71-006393
Population Studies
71-006041
Spawning
71-006041
Spawning Substrates
71-000561
71-000562
Colossoma
Distribution/Geographical
71-007760
Colossoma macropomum
Culture/Propagation
71-000940
Feeding Experiments
71-000940
Comephorus
Histology
71-001757
Skeletal System
71-001757
Comephorus baicalensis
Embryology
71-006223
Reproduction
71-006223
Spawning
71-006223
Conger myriaster
Acoustico-Lateralis System
71-001598

Conger verreauxi
Congericola kabatai
71-009693
Parasites/Diseases
71-009693
Parasitic Copepods
71-009693
Congiopodus coriaceus
New Species
71-008722
Congiopodus leucopaecilus
Taxonomy
71-008722
Congridae
New Genus
71-008790
New Species
71-008790
Taxonomy
71-008790
Congrogadoides amplimaculatus
New Species
71-008876
Congrogadus marginatus
Taxonomy
71-008505
Cookeolus boops
Distribution/Geographical
71-007858
Coregonidae
Nets/Netting
71-012560
Variation Studies
71-004659
Coregonus
Abundance/Factors of
71-006063
Arsenic
71-011221
Condition Factors
71-007597
Culture/Propagation
71-013290
Ecology
71-013290
Electrophoresis
71-004604
Embryology
71-003911
Foods/Feeding
71-006928
71-007043
Heavy Metals
71-011221
Hybridization
71-004789
Management/Research--Marine
71-013290
Morphology
71-008766
Polychlorinated Biphenyls
71-011221
Population Studies
71-006063
71-013290
Taxonomy
71-004604
71-008766
71-008817
Trophic Relationships
71-001309
71-006928
Variation Studies
71-004868
71-008766
Coregonus albula
Age/Growth
71-007510
Biochemical Compostion
71-003422
Foods/Feeding
71-006762
71-007190
Lipid Composition
71-003421
Maturation
71-007510
Stress
71-003740
Variation Studies
71-004592
Coregonus albula sardinella
Distribution/Geographical
71-005837
Foods/Feeding
71-005837
Life History/General
71-005865
Morphology
71-004848
Population Studies
71-005837
Spawning
71-005837
71-005865
Taxonomy
71-005837
71-008835
Variation Studies
71-004848
Coregonus artedii
Abundance/Factors of
71-008431
Copper
71-011124
Distribution/Seasonal
71-006612

...CONTINUED...
Coregonus artedii
Distribution/Vertical
71-006596
71-006612
Embryology
71-002321
Endocrinology
71-005963
Fecundity
71-006458
Foods/Feeding
71-006948
71-007002
Foods/Feeding/Selectivity
71-006894
Heavy Metals
71-011124
Movements
71-006612
Oxygen
71-002321
Parasites/Diseases
71-009037
Population Studies
71-005963
Predator/Prey Relationships
71-007225
Temperature
71-002321
Trophic Relationships
71-006894
Turbidity
71-008431
71-008432
Coregonus autumnalis
Age/Growth
71-007510
Life History/General
71-005511
Maturation
71-007510
Movements
71-005511
Olfaction
71-001398
Coregonus autumnalis migratorius
Abundance/Factors of
71-008445
Defensive Behavior
71-005431
Digestive System
71-001990
Eggs
71-001928
Embryology
71-001928
Mortality Factors
71-008445
Olfaction
71-001544
Predator/Prey Relationships
71-005431
71-008445
Schooling Behavior
71-005431
Stocking/Introductions
71-008445
Coregonus clupeaformis
Abundance/Factors of
71-006102
71-012862
Age/Growth
71-006084
71-007513
71-007557
71-012857
71-013055
Auditory Senses
71-001889
Detergents
71-010864
Diplostomum
71-009884
Electrophoresis
71-004549
71-004653
Embryology
71-002235
Evolution
71-004549
Exploitation Rates
71-012857
Fecundity
71-006311
71-013055
Foods/Feeding
71-006948
Harvest
71-006102
71-012862
Life History/General
71-005592
Management/Research--Lakes
71-005902
71-012857
71-012862
71-012889
Maturation
71-013055
Mortality Factors
71-008423
Mortality Rates
71-005902
71-005908
71-008423
71-013055
Nets/Netting
71-012497

...CONTINUED...
Coregonus clupeaformis
  Nets/Netting
    71-012532
  Parasites/Diseases
    71-009037
    71-009884
  Population Studies
    71-004653
    71-005902
    71-005908
    71-006001
    71-006084
    71-006102
    71-012532
    71-012862
  Predator/Prey Relationships
    71-008423
    71-012862
  Recruitment
    71-012857
  Scales
    71-003569
  Sewage Effluents
    71-010562
  Sodium Lauryl Sulfate
    71-010864
  Spawning
    71-005902
  Temperature
    71-002235
    71-002629
    71-010024
  Thermal Pollution
    71-010024
  Trematodes
    71-009884
  Variation Studies
    71-004548
    71-004549
    71-004613
    71-004614
  Water Level Fluctuations
    71-013114
  Zoogeography
    71-004613
    71-004614
Coregonus hoyi
  Fecundity
    71-006257
  Foods/Feeding
    71-007002
Coregonus lavaretus
  Activity Patterns
    71-005235
  Age/Growth
    71-007509
  Blood Chemistry
    71-006274
  Body-Scale Relationships
    71-007504
  Culture/Propagation
    71-000367
  Foods/Feeding
    71-005797
  Fry Production
    71-000367
  Hermaphroditism
    71-003985
  Maturity
    71-007509
  Movements
    71-005797
  Parasites/Diseases
    71-008991
  Photoperiodism
    71-005235
  Radionuclides
    71-011016
  Reproduction
    71-006274
  Spawning
    71-006274
  Strontium
    71-011016
  Temperature
    71-004862
  Variation Studies
    71-004524
    71-004862
  Yttrium
    71-011016
Coregonus lavaretus ludoga
  Condition Factors
    71-002276
  Maturation
    71-002276
Coregonus lavaretus nelmuschka
  Age/Growth
    71-007537
  Fecundity
    71-006381
  Morphology
    71-007537
  Temperature
    71-006381
Coregonus lavaretus pidschian
  Age/Growth
    71-007580
  Distribution/Geographical
    71-007785
    71-008782
  Maturation
    71-007580
  Taxonomy
    71-008782
Coregonus muksun
  Culture/Propagation
    71-000261

...CONTINUED...
Coregonus muksun
  Foods/Feeding
    71-000261
  Lake Culture
    71-000261
  Maturation
    71-003333
    71-006367
  Reproductive System
    71-003333
  Spawning
    71-006367
Coregonus nasus
  Acanthocephala
    71-009962
    71-009963
  Age/Growth
    71-007368
    71-007580
  Cystidicola farionis
    71-009963
  Maturation
    71-007580
  Metabolism
    71-004261
  Neoechinorhynchus rutili
    71-009962
  Parasites/Diseases
    71-009962
    71-009963
  Reproductive System
    71-004261
  Scales
    71-002097
  Temperature Selection
    71-004261
Coregonus nelsoni
  Foods/Feeding
    71-007137
Coregonus peled
  Age/Growth
    71-007510
  Culture/Propagation
    71-000495
  Foods/Feeding
    71-000495
  Maturation
    71-007510
  Salinity
    71-003637
  Scales
    71-002097
Coregonus pidschian
  Life History/General
    71-005472
  Spawning Migration
    71-006556
Coregonus pollan
  Biochemical Composition
    71-002506
  Electrophoresis
    71-004604
  Taxonomy
    71-004604
Coregonus sardinella vessicus
  Life History/General
    71-005692
Coregonus tugun
  Morphology
    71-002074
  Taxonomy
    71-002074
Coregonus wartmanni
  Abnormalities
    71-002070
    71-002071
Coreoperca
  Karyotypes
    71-004836
Corydoras aeneus
  Auditory Senses
    71-001648
Corydoras punctatus
  Cadmium
    71-010988
  Heavy Metals
    71-010988
Corynopoma riisei
  Caudal Neurosecretory System
    71-002162
Coryphaena equisetis
  Foods/Feeding
    71-006939
Coryphaena hippurus
  Age/Growth
    71-000588
  Condition Factors
    71-007373
  Culture/Propagation
    71-000588
    71-000590
  Feeding Experiments
    71-000588
  Fingerling Production
    71-000590
  Foods/Feeding
    71-006939
    71-007373
  Length-Weight Relationships
    71-007373
  Transportation
    71-000588
Coryphaenoides
  Distribution/Geographical
    71-007827
Coryphaenoides acrolepis
  Swimbladder
    71-003804

Coryphaenoides carapinus
  Life History/General
    71-005628
Coryphaenoides pectoralis
  Davisia
    71-009346
  Parasites/Diseases
    71-009346
  Protozoan Diseases
    71-009346
Coryphaenoides rupestris
  Age/Growth
    71-007608
Coryphaenoides thelestomus
  Morphology
    71-007827
Coryphoblennius galerita
  Early Development
    71-001547
Coryphopterus lipernes
  Life History/General
    71-008788
  Taxonomy
    71-008788
Corythoichthys
  Taxonomy
    71-008541
Cosmocampus
  New Genus
    71-008533
Cottidae
  Acoustico-Lateralis System
    71-001960
  Identification/Larvae
    71-008756
  Lactate Dehydrogenase
    71-002779
  New Species
    71-008814
  Seismosensory System
    71-001961
  Taxonomy
    71-007989
    71-008724
Cottinae
  Acoustico-Lateralis System
    71-001960
Cottocomephorus grewingki
  Olfaction
    71-001398
Cottus
  Competition
    71-005009
  Distribution/Factors of
    71-005199
  Habitat Selection
    71-005009
    71-005199
  Meristic Studies
    71-001764
  Predatior/Prey Relationships
    71-008391
  Trophic Relationships
    71-008391
  Variation Studies
    71-001764
Cottus aleuticus
  Distribution/Factors of
    71-005736
  Life History/General
    71-005736
  Trophic Relationships
    71-005736
Cottus asper
  Distribution/Factors of
    71-005736
  Life History/General
    71-005736
  Trophic Relationships
    71-005736
Cottus asperrimus
  Life History/General
    71-005551
  Status
    71-005551
Cottus bairdi
  Dactylogyrus unguiformis
    71-009749
  Distribution/Geographical
    71-007853
    71-008254
  Flow Regimes
    71-006666
  Foods/Feeding
    71-007319
  Management/Research--Rivers and Streams
    71-012389
  Metabolic Rates
    71-003062
  Movements
    71-006666
  Parasites/Diseases
    71-009626
    71-009749
  Phyllodistomum undulans
    71-009626
  Population Studies
    71-012389
  Social Behavior
    71-004980
  Spawning
    71-006211
    71-006252
  Stocking/Introductions
    71-012389
  Temperature
    71-003298

...CONTINUED...
Cottus bairdi
  Temperature
    71-006666
  Trematodes
    71-009626
    71-009749
  Trophic Relationships
    71-007319
Cottus bairdi bairdi
  Foods/Feeding/Selectivity
    71-006925
Cottus bubalis
  Haemohormidium cotti
    71-009598
    71-009599
  Parasites/Diseases
    71-009599
Cottus carolinae
  Albinism
    71-002062
  Coloration
    71-002062
  Metabolic Rates
    71-003062
  Production
    71-006122
  Reproduction
    71-003997
Cottus cognatus
  Acanthocephala
    71-009690
  Benzene
    71-011157
  Distribution/Geographical
    71-008263
  Fecundity
    71-006269
  Foods/Feeding
    71-007331
  Leptorhynchoides thecatus
    71-009690
  Life History/General
    71-005547
  Myxobilatus
    71-009242
  Oil
    71-011157
  Parasites/Diseases
    71-009242
    71-009690
  Protozoan Diseases
    71-009242
  Temperature
    71-004161
Cottus cognatus gracilis
  Temperature
    71-005262
Cottus confusus
  Distribution/Geographical
    71-007741
Cottus giardi
  Taxonomy
    71-008670
Cottus gobio
  Age/Growth
    71-005941
  Biochemical Composition
    71-002963
  Cobalt
    71-010431
  Flow Regimes
    71-006843
  Foods/Feeding
    71-006843
  Heavy Metals
    71-010431
  Helminths
    71-009904
  Impoundment
    71-006843
  Mortality Factors
    71-006910
  Parasites/Diseases
    71-009904
  Population Studies
    71-005941
  Predator/Prey Relationships
    71-006910
  Production
    71-005941
  Spawning
    71-006271
Cottus hubbsi
  Management/Research--Rivers and Streams
    71-008403
  Predator/Prey Relationships
    71-008403
  Trophic Relationships
    71-008403
Cottus maculosus
  Orientation/Homing
    71-004953
Cottus pitensis
  Channelization
    71-012016
  Foods/Feeding
    71-007064
Cottus pollux
  Age/Growth
    71-006007
  Population Studies
    71-006007
Cottus rhotheus
  Gas Bubble Disease
    71-009630
  Parasites/Diseases
    71-009630
  Predator/Prey Relationships
    71-007170

ottus ricei
  Distribution/Geographical
    71-007825
ouesius plumbeus
  Activity Patterns
    71-003215
    71-005129
  Distribution/Geographical
    71-007717
  Pineal Body
    71-003215
    71-003216
raterocephalus dalhousiensis
  New Species
    71-008634
reediidae
  Distribution/Geographical
    71-008708
  Skeletal System
    71-001829
  Taxonomy
    71-008708
renilabrus melops
  Endocrinology
    71-001413
rossocheilus latius
  Harvest
    71-006134
rossopterygia
  Acoustico-Lateralis System
    71-001583
ryptocentrus steinitzi
  Alarm Reaction
    71-005122
  Communication
    71-005122
rysophrys auratus
  Movements
    71-006601
Ctenogobiops
  New Species
    71-008659
  Taxonomy
    71-008659
Ctenogobius criniger
  Foods/Feeding
    71-006785
  Mouth Parts
    71-006785
Ctenolabrus rupestris
  Age/Growth
    71-007487
Ctenopharyngodon idella
  Age/Growth
    71-000783
    71-000925
    71-005961
    71-007279
    71-007619
  Androgenesis
    71-004805
  Anesthetics
    71-000958
  Aquatic Plant Control
    71-000001
    71-000010
    71-000011
    71-000018
    71-000021
    71-000022
    71-000023
    71-000028
    71-000035
    71-000043
    71-000044
    71-000045
    71-000998
    71-001031
    71-005961
    71-011665
    71-012406
  Bacterial Diseases
    71-009199
  Balantidium ctenopharyngodonis
    71-009336
  Biofiltration
    71-000332
  Blood Chemistry
    71-004145
  Bothriocephalus gowkongensis
    71-009811
  Catchability
    71-007279
    71-011773
  Cestodes
    71-009811
  Chondrococcus columnaris
    71-009199
  Chromosome Numbers
    71-004700
  Columnaris Disease
    71-009199
  Competition
    71-008302
    71-008363
    71-008442
  Competiton
    71-008336
  Culture/Propagation
    71-000308
    71-000310
    71-000316
    71-000329
    71-000369
    71-000377
    71-000386
    71-000404

...CONTINUED...
Ctenopharyngodon idella
  Culture/Propagation
    71-000448
    71-000454
    71-000458
    71-000473
    71-000492
    71-000505
    71-000506
    71-000515
    71-000516
    71-000530
    71-000531
    71-000717
    71-000894
    71-001046
    71-004805
    71-012645
    71-012663
  Digestive System
    71-001987
  Digestive System/Bacterial Flora
    71-004237
  Distribution/Geographical
    71-007892
    71-008125
  Ecology
    71-011665
  Electrophoresis
    71-004839
  Feeding Experiments
    71-000308
    71-000717
    71-000894
    71-000895
    71-000925
  Fertilization/Soil and Water
    71-000329
    71-012663
  Foods/Feeding
    71-000783
    71-000925
    71-001987
    71-006906
    71-006907
    71-007279
    71-007302
  Foods/Feeding/Selectivity
    71-006835
  Fry Production
    71-000308
  Gamete Storage
    71-001046
  Gynogenesis
    71-004108
    71-004804
    71-004805
  Harvest
    71-005961
  Herbicides
    71-011465
  Hybridization
    71-000001
    71-004805
  Induced Maturation
    71-000343
    71-000505
    71-000516
  Karyotypes
    71-004540
    71-004700
  Life History/General
    71-005586
  Management/Research--General
    71-005586
    71-011665
    71-011692
    71-011773
  Management/Research--Lakes
    71-005961
    71-008302
    71-008442
  Management/Research--Ponds
    71-000023
    71-001031
    71-008336
    71-008363
  Metabolic Rates
    71-004040
  Metabolism
    71-003633
  Monosex Culture
    71-000377
    71-000404
    71-000515
    71-004805
  Movements
    71-006678
  MS-222
    71-000958
  Nutrition
    71-000719
  Osmoregulation
    71-003239
  Oxygen
    71-003633
  Palatability
    71-011773
  Parasites/Diseases
    71-009199
    71-009336
    71-009811
    71-009889
  Pentastomida
    71-009889
  Polyculture
    71-000316

...CONTINUED...
Ctenopharyngodon idella
  Polyculture
    71-000329
    71-000386
    71-000454
    71-000458
    71-000473
    71-012645
    71-012663
  Pond Culture
    71-000316
    71-000369
    71-000386
    71-000454
    71-000530
    71-000531
    71-012663
  Population Studies
    71-005936
    71-005961
  Predator/Prey Relationships
    71-006906
    71-007233
  Protozoan Diseases
    71-009336
  Recirculating Systems
    71-000332
  Salinity
    71-002434
    71-003239
    71-003440
    71-003441
  Sebekia oxycephala
    71-009889
  Sex Reversal
    71-004804
  Spawning
    71-006432
    71-006526
    71-006559
    71-008215
  Spawning Tanks
    71-000492
  Spawning Techniques
    71-000448
    71-000492
  Status
    71-011748
  Stocking/Introductions
    71-008442
    71-011665
    71-012406
  Strontium
    71-011188
  Swimming Performance
    71-004040
  Tank Culture
    71-000308
    71-000506
  Temperature
    71-000783
  Transportation
    71-000958
  Trophic Relationships
    71-006905
    71-006906
    71-007153
  Variation Studies
    71-004839
Ctenopharyngodon idella X Aristichthys nobilis
  Morphology
    71-002028
Ctenopharyngodon idella X Cyprinus carpio
  Culture/Propagation
    71-000445
    71-000515
  Hybridization
    71-004703
  Monosex Culture
    71-000515
Ctenopoma acutirostre
  Mouth Parts
    71-001518
  Skeletal System
    71-001518
Cubiceps
  Distribution/Geographical
    71-008830
  Taxonomy
    71-008499
    71-008830
Cubiceps capensis
  Distribution/Geographical
    71-008116
Cubiceps paradoxus
  New Species
    71-008499
Culaea inconstans
  Apatemon gracilis pellucidus
    71-009359
    71-009883
  Fin Rays
    71-007197
    71-007198
  Flow Regimes
    71-006666
  Movements
    71-006666
  Parasites/Diseases
    71-009359
    71-009883
  Predator/Prey Relationships
    71-007197
    71-007198
  Protozoan Diseases
    71-009359
  Skeletal System
    71-004733

...CONTINUED...
Culaea inconstans
  Skeletal System
    71-007197
    71-007198
  Temperature
    71-006666
  Trematodes
    71-009883
  Variation Studies
    71-001796
Culea inconstans
  Distribution/Geographical
    71-007819
Cycleptus elongatus
  Life History/General
    71-005813
Cyclocheilichthys
  Taxonomy
    71-008803
Cyclopterus lumpus
  Blood Chemistry
    71-002717
  Cell Culture
    71-003414
  Distribution/Geographical
    71-007791
  Hatching Time
    71-002460
  Lernaeocera branchialis
    71-009951
  Parasites/Diseases
    71-009951
  Parasitic Copepods
    71-009951
  Pigments
    71-001781
  Protein Synthesis
    71-004387
  Temperature
    71-002460
Cyclothone
  Length-Weight Relationships
    71-007630
Cyclothone acclinidens
  Pineal Body
    71-001767
Cyclothone braueri
  Fecundity
    71-006523
  Reproduction
    71-006523
  Spawning
    71-006523
Cyclothone signata
  Pineal Body
    71-001767
Cymatogaster aggregata
  Age/Growth
    71-007437
  Bomolochus cuneatus
    71-009665
  Ergasilus lizae
    71-009665
  Holobomolochus embiotocae
    71-009665
  Life History/General
    71-008001
  Parasites/Diseases
    71-009665
  Parasitic Copepods
    71-009665
  Reproductive System
    71-001564
    71-002776
  Sperm
    71-002775
    71-002776
    71-002777
  Swimming Performance
    71-004978
Cynoglossus
  Taxonomy
    71-008780
Cynoglossus dubius
  Age/Growth
    71-005824
  Management/Research--Marine
    71-005824
  Spawning
    71-005824
Cynoglossus lida
  Identification/Larvae
    71-008579
Cynolebias
  Life History/General
    71-005715
  Taxonomy
    71-005715
Cynolebias aureoguttatus
  Distribution/Geographical
    71-007810
Cynolebias melanotaenia
  Reproductive System
    71-001979
Cynoscion
  Electrophoresis
    71-004850
  Taxonomy
    71-008855
  Variation Studies
    71-004850
Cynoscion arenarius
  Life History/General
    71-005751
  Trophic Relationships
    71-007231
Cynoscion macdonaldi
  Harvest
    71-013205

...CONTINUED...
- Cynoscion macdonaldi
  - Management/Research--Marine
    - 71-013205
  - Spawning
    - 71-013205
- Cynoscion nebulosus
  - Abundance
    - 71-013251
  - Age/Length Composition
    - 71-007482
  - Cestodes
    - 71-009853
  - Chlorine
    - 71-010954
  - Culture/Propagation
    - 71-000557
    - 71-000577
    - 71-000815
  - Distribution/Factors of
    - 71-004414
  - Early Development
    - 71-001535
  - Electrophoresis
    - 71-004850
    - 71-004851
  - Embryology
    - 71-001535
  - Feeding Experiments
    - 71-000815
  - Feeds
    - 71-000815
  - Laboratory Spawning
    - 71-000557
  - Life History/General
    - 71-005722
  - Management/Research--Marine
    - 71-013251
  - Marking/Tagging
    - 71-012360
  - Metabolic Rates
    - 71-004324
    - 71-004414
  - Parasites/Diseases
    - 71-009853
  - Poecilancistrium caryophyllum
    - 71-009853
  - Pond Culture
    - 71-000577
  - Research Test Fish
    - 71-010953
  - Salinity
    - 71-004323
    - 71-004324
    - 71-004414
  - Stocking/Introductions
    - 71-012426
  - Swimming Performance
    - 71-004324
  - Temperature
    - 71-004324
  - Variation Studies
    - 71-004850
    - 71-004851
- Cynoscion regalis
  - Distribution/Seasonal
    - 71-006667
  - Electrophoresis
    - 71-004769
  - Fecundity
    - 71-006412
  - Life History/General
    - 71-005881
  - Management/Research--Marine
    - 71-005881
  - Maturity
    - 71-006412
  - Parasites/Diseases
    - 71-009763
  - Parasitic Isopods
    - 71-009763
  - Spawning
    - 71-006412
- Cynoscion striatus
  - Age/Growth
    - 71-007429
- Cyprelurus spilopterus
  - Early Development
    - 71-002038
  - Embryology
    - 71-002038
- Cyprinidae
  - Abundance/Factors of
    - 71-008388
    - 71-008408
  - Adrenal Glands
    - 71-001779
  - Alarm Substances
    - 71-004070
  - Bothriocephalus gowkongensis
    - 71-009917
  - Cestodes
    - 71-009917
  - Culture/Propagation
    - 71-000340
    - 71-000528
  - Early Development
    - 71-001975
  - Foods/Feeding
    - 71-007190
  - Karyotypes
    - 71-004530
    - 71-004622
  - Marking/Tagging
    - 71-012333
  - Meristic Studies
    - 71-001975
  - Olfaction
    - 71-001437

...CONTINUED...
- Cyprinidae
  - Oxygen
    - 71-008388
  - Parasites/Diseases
    - 71-009917
  - Polyploidy
    - 71-004706
  - Pond Culture
    - 71-000340
    - 71-000528
  - Taxonomy
    - 71-008597
    - 71-008598
    - 71-008625
    - 71-008630
  - Temperature
    - 71-008388
  - Thermal Pollution
    - 71-010409
  - Vision
    - 71-001437
- Cypriniformes
  - Olfaction
    - 71-002079
- Cyprinion macrostomus
  - Temperature
    - 71-002128
- Cyprinodon
  - Hybridization
    - 71-004574
    - 71-004833
  - Karyotypes
    - 71-004809
  - Spawning Behavior
    - 71-006209
  - Taxonomy
    - 71-008696
  - Territorial Behavior
    - 71-005145
    - 71-006209
- Cyprinodon alvarezi
  - Hybridization
    - 71-004643
  - New Species
    - 71-008696
  - Status
    - 71-008419
- Cyprinodon bovinus
  - Life History/General
    - 71-005677
  - Status
    - 71-007831
    - 71-008354
- Cyprinodon dearborni
  - Anesthetics
    - 71-000990
  - Culture/Propagation
    - 71-000990
  - Temperature
    - 71-000990
- Cyprinodon diabolis
  - Foods/Feeding
    - 71-007118
  - Management/Research--General
    - 71-011772
- Cyprinodon elegans
  - Mortality Factors
    - 71-008324
  - Status
    - 71-007831
  - Temperature
    - 71-002789
- Cyprinodon eximius
  - Status
    - 71-007815
- Cyprinodon fontinalis
  - New Species
    - 71-008791
- Cyprinodon macrolepis
  - New Species
    - 71-008696
- Cyprinodon macularius
  - Foods/Feeding
    - 71-007141
    - 71-007321
  - Predator/Prey Relationships
    - 71-007321
  - Spawning
    - 71-006236
  - Status
    - 71-008306
  - Trophic Relationships
    - 71-007321
- Cyprinodon meeki
  - New Species
    - 71-008696
- Cyprinodon milleri
  - Osmoregulation
    - 71-003617
- Cyprinodon nazas
  - New Species
    - 71-008696
- Cyprinodon nevadensis
  - Age/Growth
    - 71-007593
  - Foods/Feeding
    - 71-007141
  - Life History/General
    - 71-005838
  - Reproduction
    - 71-002797
  - Social Behavior
    - 71-005838
  - Stocking/Introductions
    - 71-008833
  - Taxonomy
    - 71-008833
  - Temperature
    - 71-002797

...CONTINUED...
- Cyprinodon nevadensis
  - Temperature
    - 71-004646
  - Variation Studies
    - 71-004646
- Cyprinodon nevadensis armagosae
  - Foods/Feeding
    - 71-001358
  - Population Studies
    - 71-006056
  - Production
    - 71-001358
  - Trophic Relationships
    - 71-001358
    - 71-006056
- Cyprinodon nevadensis nevadensis
  - Embryology
    - 71-004021
  - Reproduction
    - 71-006282
  - Salinity
    - 71-002796
  - Spawning
    - 71-002796
    - 71-004020
  - Temperature
    - 71-004020
    - 71-004021
    - 71-006282
- Cyprinodon pecosensis
  - New Species
    - 71-008555
  - Spawning
    - 71-006347
- Cyprinodon radiosus
  - Population Studies
    - 71-006166
- Cyprinodon rubrofluviatilis
  - Distribution/Geographical
    - 71-007833
- Cyprinodon salinus
  - ATP
    - 71-004139
  - Coloration
    - 71-002010
  - Osmoregualtion
    - 71-004139
  - Salinity
    - 71-004139
    - 71-004140
  - Temperature
    - 71-004139
    - 71-004140
- Cyprinodon tularosa
  - New Species
    - 71-008695
- Cyprinodon variegatus
  - BHC
    - 71-011340
  - Cleaning Behavior
    - 71-004869
  - Diazinon
    - 71-010826
  - Early Development
    - 71-006415
  - Embryology
    - 71-001800
    - 71-006415
  - Endrin
    - 71-010861
    - 71-011339
  - Fungicides
    - 71-011218
  - Heptachlor
    - 71-010827
  - Herbicides
    - 71-010715
  - Hexachlorobenzene
    - 71-011218
  - Insecticides
    - 71-010580
    - 71-010716
    - 71-010826
    - 71-010827
    - 71-010861
    - 71-010862
    - 71-011339
    - 71-011340
    - 71-011341
    - 71-011526
  - Kepone
    - 71-010580
    - 71-010716
    - 71-010862
    - 71-011341
  - Lindane
    - 71-011340
  - Malathion
    - 71-011526
  - Organophosphates
    - 71-010826
  - Parasites/Diseases
    - 71-010715
  - Piscicides
    - 71-010827
  - Pulp Mill Effluents
    - 71-010833
  - Research Test Fish
    - 71-011338
  - Spawning
    - 71-006248
    - 71-006415
  - Temperature
    - 71-002357
  - Toxaphene
    - 71-010827
  - Trifluralin
    - 71-010715

...CONTINUED...
- Cyprinodon variegatus
  - Trophic Relationships
    - 71-006831
  - Variation Studies
    - 71-004584
  - Vertebral Dysplasia
    - 71-010715
- Cyprinodontidae
  - Electrophoresis
    - 71-004776
  - Phthalate Acid Esters
    - 71-011247
  - Plasticizers
    - 71-011247
  - Social Behavior
    - 71-005179
  - Spawning
    - 71-006357
- Cyprinus carpio
  - Abnormalities
    - 71-001600
  - Abundance/Factors of
    - 71-005910
  - Acids
    - 71-011363
  - Aeromonas punctata
    - 71-009041
  - Age/Growth
    - 71-000455
    - 71-005910
    - 71-007425
    - 71-007486
    - 71-007493
    - 71-007497
    - 71-007516
    - 71-007650
  - Aldrin
    - 71-010204
  - Algal Infections
    - 71-009617
  - Amino Acids
    - 71-003682
  - Androgenesis
    - 71-004805
  - Anemia
    - 71-009727
    - 71-010973
  - Anesthetics
    - 71-010735
    - 71-010797
    - 71-011383
    - 71-011384
    - 71-011385
  - Antigens
    - 71-004043
  - APT
    - 71-010927
  - Aquatic Plant Control
    - 71-000001
  - Aroclor
    - 71-010929
    - 71-010930
    - 71-011375
  - Ascorbic Acid
    - 71-000881
  - ATP
    - 71-004217
  - Bacterial Diseases
    - 71-009041
    - 71-009046
    - 71-009060
    - 71-009061
    - 71-009206
    - 71-010850
  - Bacterial Hemorrhagic Septicemia
    - 71-009046
  - Baits/Baiting
    - 71-005404
  - Benzene
    - 71-011135
  - Benzocaine
    - 71-010735
  - Benzocaine Hydrochloride
    - 71-010797
  - Bile Composition
    - 71-004048
  - Bioassay Techniques
    - 71-003980
  - Biochemical Composition
    - 71-000742
    - 71-002297
    - 71-002504
    - 71-003076
    - 71-003135
    - 71-003252
    - 71-003253
    - 71-003778
    - 71-003794
    - 71-004017
    - 71-004197
  - Blood Chemistry
    - 71-002247
    - 71-002742
    - 71-003046
    - 71-003051
    - 71-003220
    - 71-003439
    - 71-003462
    - 71-003618
    - 71-003619
    - 71-003620
    - 71-003622
    - 71-003927
    - 71-004050
    - 71-004278
    - 71-004361
    - 71-004467

...CONTINUED...
Cyprinus carpio
Blood Chemistry
71-004468
Bothriocephalus
71-009745
Botulism
71-010850
Cadmium
71-010928
71-011010
Cage Culture
71-000325
71-000771
71-000927
Carbohydrates
71-004016
Cardio-Vascular System
71-001758
71-002800
71-003980
Carotenoids
71-002931
71-003616
Carp Erythrodermatitis
71-009061
Catchability
71-005404
Cell Culture
71-003039
Cestodes
71-009745
Channelization
71-007486
Chlorinated Benzenes
71-011135
Chlorine
71-010876
71-011090
Chromosome Numbers
71-004620
Clostridium botulinum
71-010850
Cobalt
71-010844
Coloration
71-002931
Competition
71-006840
71-008336
Copper
71-004455
71-011545
71-011546
Culture/Propagation
71-000306
71-000307
71-000325
71-000329
71-000363
71-000379
71-000380
71-000386
71-000399
71-000408
71-000423
71-000449
71-000454
71-000455
71-000459
71-000460
71-000461
71-000462
71-000473
71-000479
71-000490
71-000494
71-000495
71-000525
71-000545
71-000547
71-000551
71-000674
71-000675
71-000676
71-000705
71-000716
71-000720
71-000742
71-000771
71-000781
71-000816
71-000826
71-000828
71-000833
71-000834
71-000842
71-000881
71-000891
71-000892
71-000899
71-000908
71-000911
71-000912
71-000915
71-000926
71-000927
71-000928
71-000929
71-000951
71-001006
71-001046
71-001976
71-002644
71-003428
71-004805
71-007019
71-007344
71-010519

...CONTINUED...
Cyprinus carpio
Culture/Propagation
71-012659
Dactylogyrus
71-009841
DDT
71-010204
Diets
71-000716
71-000718
71-000781
71-000842
71-000929
Digestion Rates
71-003960
Digestive System
71-000780
71-002369
71-004003
71-005795
Dinitramine
71-011204
Diplozoon nipponicum
71-009727
Distribution/Geographical
71-012462
Distribution/Seasonal
71-005117
71-006647
Distribution/Vertical
71-006669
Dropsy
71-009648
Early Development
71-001976
71-003577
Ecology
71-012476
71-012871
Egg Production
71-000363
Egg Resorption
71-002244
Electrophoresis
71-004738
Embryology
71-001929
71-003291
71-003577
Endocrinology
71-002246
71-002348
71-002358
71-002722
71-003195
71-003196
71-003197
71-003465
71-003596
71-003642
Enzymes
71-002230
71-002369
71-002721
71-003136
71-003168
71-003904
71-004003
71-004017
71-004457
71-004458
71-004459
Erythrodermatitis
71-009537
Eutrophication
71-012871
Fecundity
71-006449
Feeding Experiments
71-000306
71-000674
71-000676
71-000705
71-000716
71-000718
71-000720
71-000742
71-000760
71-000771
71-000780
71-000816
71-000826
71-000828
71-000833
71-000834
71-000842
71-000873
71-000881
71-000891
71-000892
71-000899
71-000908
71-000911
71-000912
71-000915
71-000926
71-000927
71-000928
71-000951
71-003960
71-004352
Feeds
71-000675
71-000705
71-000771
71-000833
71-000911
71-000912

...CONTINUED...
Cyprinus carpio
Feeds
71-000927
Fertilization/Soil and Water
71-000329
71-012659
Fingerling Culture
71-000459
Fingerling Production
71-000449
Fish Control/Removal
71-012304
Fish Kills
71-010519
Flexibacter columnaris
71-009060
Foods/Feeding
71-000495
71-006761
71-006840
71-006957
71-007019
71-007344
71-007360
71-012985
Foods/Feeding/Selectivity
71-000551
71-000899
71-006810
71-006883
71-007261
Gamete Storage
71-001006
71-001046
Genetic Strains
71-000547
Genetics
71-004605
Gills
71-001669
Growth Stimulants
71-000490
71-002118
71-002119
71-003428
Gynogenesis
71-004620
71-004704
71-004728
71-004805
Gyrodactylus
71-009842
Heated Water
71-000325
Heavy Metals
71-004455
71-010445
71-010614
71-010772
71-010844
71-010928
71-011010
71-011545
71-011546
Herbicides
71-010927
71-010973
71-011204
71-011502
Hermaphroditism
71-002878
71-002982
Hormones
71-002247
71-002358
71-002359
71-003084
71-003197
71-003465
71-003642
71-003703
71-004080
Hybridization
71-000001
71-004652
71-004737
71-004770
71-004771
71-004805
Hypoxia
71-000455
71-002800
71-003427
71-004065
71-004067
Immune Response
71-002359
71-002720
71-004043
Incubation
71-000494
Induced Maturation
71-000343
71-000399
71-002644
71-004080
Insecticides
71-000306
71-000307
71-010204
71-010823
71-010929
71-010930
71-011375
Iron
71-000873
Karyotypes
71-004738

...CONTINUED...
Cyprinus carpio
Lathyrism
71-009909
Lathyrogens
71-011555
Length Frequencies
71-007667
Length-Weight Relationships
71-007384
Lernaea cyprinacea
71-009619
Life History/General
71-000545
Light
71-002119
Lipid Composition
71-003620
Lipid Metabolism
71-002668
71-002669
71-002670
71-003093
71-003094
71-003095
71-003598
71-003601
Locomotion
71-002281
71-005123
Management/Research--Lakes
71-006031
71-012871
Management/Research--Ponds
71-008336
Maturation
71-002879
71-006449
Mercaptobenzothiazole
71-010868
Mercury
71-010445
71-010772
Metabolic Rates
71-003295
Metabolism
71-002609
71-003171
71-003577
71-003600
71-004005
71-004013
71-004016
Molinate
71-010973
Monosex Culture
71-004805
Movements
71-006647
71-006697
MS-222
71-010797
71-011383
71-011384
71-011385
Mucous Secretion
71-011484
Musculature
71-003252
71-003253
71-004460
Mutagens
71-004768
Nervous System
71-001506
71-002981
71-003905
71-004413
Nets/Netting
71-012521
Nickel
71-010614
Nuclear Transplantation
71-004737
Nutrient Requirements
71-000828
71-000873
71-000926
71-004352
Nutrition
71-000676
71-000742
71-000826
71-000834
71-000873
71-000881
71-000891
71-000904
71-000928
71-004197
Olfaction
71-002823
71-005032
Organ Weights
71-001506
Oxygen
71-003127
71-004173
Parasites/Diseases
71-009041
71-009046
71-009060
71-009061
71-009206
71-009276
71-009337
71-009385
71-009386

...CONTINUED...

- Cyprinus carpio
  - Parasites/Diseases
    - 71-009396
    - 71-009537
    - 71-009577
    - 71-009578
    - 71-009617
    - 71-009619
    - 71-009648
    - 71-009727
    - 71-009745
    - 71-009841
    - 71-009842
    - 71-009909
    - 71-010850
    - 71-010973
    - 71-012304
  - Parasitic Copepods
    - 71-009619
  - PAS-G
    - 71-000494
  - PCP
    - 71-010927
  - Penicillamine
    - 71-011555
  - Permethrin
    - 71-010823
  - pH
    - 71-011363
    - 71-011484
  - Phosphorus
    - 71-000834
    - 71-000951
  - Pigments
    - 71-003616
  - Plutonium
    - 71-011458
  - Polychlorinated Biphenyls
    - 71-010929
    - 71-010930
    - 71-011374
    - 71-011375
    - 71-011376
  - Polyculture
    - 71-000306
    - 71-000329
    - 71-000386
    - 71-000454
    - 71-000460
    - 71-000461
    - 71-000462
    - 71-000473
    - 71-007344
  - Pond Culture
    - 71-000306
    - 71-000307
    - 71-000386
    - 71-000423
    - 71-000454
    - 71-000459
    - 71-000460
    - 71-000461
    - 71-000462
    - 71-000479
    - 71-000525
    - 71-000551
    - 71-000899
    - 71-007019
  - Population Studies
    - 71-006031
  - Power Plant Effluents
    - 71-000325
    - 71-011090
  - Predator/Prey Relationships
    - 71-000423
    - 71-006840
  - Production
    - 71-005910
    - 71-005999
  - Protein Synthesis
    - 71-002143
  - Protozoan Diseases
    - 71-009276
    - 71-009337
  - Radiation
    - 71-011458
  - Radioactive Wastes
    - 71-010537
  - Red-Spot Disease
    - 71-009041
  - Reproduction
    - 71-002245
    - 71-002246
    - 71-002247
    - 71-003196
  - Reproductive System
    - 71-000760
    - 71-002878
    - 71-002983
  - Respiration
    - 71-003021
    - 71-003439
    - 71-004361
  - RNA
    - 71-004517
  - Salinity
    - 71-002129
    - 71-002803
  - Scales
    - 71-003710
  - Sewage Effluents
    - 71-011552
  - Skeletal System
    - 71-001775
  - Spawning
    - 71-006373
    - 71-006449
  - Sphaerospora angulata
    - 71-009337

...CONTINUED...

- Cyprinus carpio
  - Spleen
    - 71-001581
  - Spring Viremia
    - 71-009385
    - 71-009386
    - 71-009396
  - Starvation
    - 71-002297
    - 71-003596
    - 71-003600
    - 71-004005
  - Steroids
    - 71-003195
    - 71-003197
    - 71-004471
    - 71-004472
    - 71-004473
  - Stocking/Introductions
    - 71-012462
    - 71-012476
  - Stress
    - 71-004050
  - Supplemental Feeding
    - 71-000899
  - Tannin
    - 71-000494
  - Taste Reception
    - 71-001697
    - 71-004282
  - Techniques/Blood Chemistry
    - 71-011382
  - Temperature
    - 71-002118
    - 71-002119
    - 71-002230
    - 71-002981
    - 71-003046
    - 71-003051
    - 71-003079
    - 71-003295
    - 71-003905
    - 71-004101
    - 71-004217
    - 71-004517
  - Temperature Selection
    - 71-002295
    - 71-003614
    - 71-005327
  - Thermal Pollution
    - 71-006697
  - Thermal Regulation
    - 71-003615
    - 71-004101
  - Toxic Algae
    - 71-010519
  - Trawls
    - 71-012561
  - Trematodes
    - 71-009727
    - 71-009841
    - 71-009842
  - Tritium
    - 71-002117
    - 71-010537
  - Tumors
    - 71-009577
    - 71-009578
  - Uranium
    - 71-011458
  - Viral Diseases
    - 71-009385
    - 71-009386
    - 71-009396
  - Vision
    - 71-001538
    - 71-003079
    - 71-003165
    - 71-004440
  - Yalan
    - 71-011502
  - 1,2,4-TCB
    - 71-011135
- Cyprinus carpio communis
  - Embryology
    - 71-003207
  - Fenitrothion
    - 71-010970
  - Insecticides
    - 71-010970
  - Oxygen
    - 71-003207
- Cyprinus carpio haematopterus
  - Fecundity
    - 71-006294
  - Foods/Feeding
    - 71-007294
  - Trophic Relationships
    - 71-007294
- Cyprinus carpio X Ctenopharyngodon idella
  - Androgenesis
    - 71-004806
  - Gynogenesis
    - 71-004806
  - Hybridization
    - 71-004703
- Cyprinus carpio X Hemiculter eigenmanni
  - Early Development
    - 71-004772
  - Embryology
    - 71-004772
- Cyprinus carpio X Puntius conchonius
  - Hybridization
    - 71-004770
  - Morphology
    - 71-004770
- Cypsilurus
  - Abundance
    - 71-005947

...CONTINUED...

- Cypsilurus
  - Population Studies
    - 71-005947
- Czechoslovakia: Klicava Reservoir
  - 71-008353
- Dactylagnus parvus
  - New Species
    - 71-008543
- Dactyloscopidae
  - Fish Lists/Keys
    - 71-008543
- Damalichthys saratogensis
  - New Species
    - 71-008504
  - Paleontology
    - 71-008504
- Damalichthys vacca
  - Abnormalities
    - 71-001998
  - Allencotyla pricei
    - 71-009748
  - Davisia reginae
    - 71-009323
  - Foods/Feeding
    - 71-006961
  - Parasites/Diseases
    - 71-009323
    - 71-009339
    - 71-009748
  - Predator/Prey Relationships
    - 71-006961
  - Protozoan Diseases
    - 71-009323
    - 71-009339
  - Trematodes
    - 71-009748
  - Zschokkella embiotocidis
    - 71-009339
- Danaphos oculatus
  - Foods/Feeding
    - 71-006830
- Danio aequipinnatus
  - Foods/Feeding
    - 71-006850
- Danio malabaricus
  - Alarm Substances
    - 71-003795
  - Fright Behavior
    - 71-003795
- Dascyllus albisella
  - Filming Amine
    - 71-011111
  - Morpholine Effluents
    - 71-011111
  - Power Plant Effluents
    - 71-011111
- Dascyllus aruanus
  - Foods/Feeding
    - 71-006833
  - Predator/Prey Relationships
    - 71-006832
- Dascyllus marginatus
  - Spawning
    - 71-006272
- Dascyllus trimaculatus
  - Cryptocaryoniasis
    - 71-009259
  - Cyrptocaryon irritans
    - 71-009259
  - Parasites/Diseases
    - 71-009259
  - Protozoan Diseases
    - 71-009259
- Dasyatis
  - Morphology
    - 71-001490
  - Taxonomy
    - 71-008825
- Dasyatis americana
  - Distribution/Geographical
    - 71-008185
- Dasyatis dipterurus
  - Movements
    - 71-006039
  - Population Studies
    - 71-006039
- Dasyatis kuhlii
  - Life History/General
    - 71-005944
- Dasyatis microps
  - Distribution/Gergraphical
    - 71-008088
- Dasyatis sabina
  - Excretory System
    - 71-002213
  - Osmoregulation
    - 71-002213
    - 71-002307
  - Vision
    - 71-001833
- Decapterus
  - Life History/General
    - 71-004765
  - Management/Research--Marine
    - 71-004765
- Decodon melasma
  - Hermaphroditism
    - 71-002581
- Delphyodontos dacriformes
  - New Species
    - 71-006391
  - Paleontology
    - 71-006391
  - Reproduction
    - 71-006391
- Dermatolepis dermatolepis
  - Foods/Feeding
    - 71-007129
- Dermogenys pusillus
  - Embryology
    - 71-002702
- Desmodema lorum
  - New Species
    - 71-008763
- Dexistes rikuzenius
  - Life History/General
    - 71-005771
- Diademichthys lineatus
  - Toxins
    - 71-003036
- Dialommus fuscus
  - Vision
    - 71-005397
- Diaphus
  - Distribution/Geographical
    - 71-008701
  - Taxonomy
    - 71-008701
- Diaphus adenomus
  - Description
    - 71-008190
  - Distribution/Geographical
    - 71-008190
- Diaphus agassizi
  - Identification
    - 71-008728
- Diaphus hudsoni
  - New Species
    - 71-008888
- Diaphus malayanus
  - Early Development
    - 71-002009
- Diaphus schmidti
  - Foods/Feeding
    - 71-006830
- Diaphus suborbitalis
  - Age/Growth
    - 71-007463
    - 71-007464
- Diaphus taaningi
  - Foods/Feeding
    - 71-006773
- Diapterus rhombeus
  - Age/Growth
    - 71-005582
  - Length-Weight Relationships
    - 71-005582
  - Spawning
    - 71-005582
- Diastobranchus capensis
  - Skeletal System
    - 71-001475
- Dicentrarchus labrax
  - Aeration
    - 71-000563
  - Age/Growth
    - 71-007572
  - Bacterial Diseases
    - 71-009054
  - Blood Chemistry
    - 71-003768
  - Colobomatus labracis
    - 71-009881
  - Culture/Propagation
    - 71-000563
    - 71-000575
    - 71-000706
    - 71-002817
  - Digestive System
    - 71-004177
  - Diplectanum aequans
    - 71-009847
  - Distribution/Seasonal
    - 71-006650
  - Feeding Experiments
    - 71-000706
  - Fertilization
    - 71-002249
  - Gills
    - 71-001761
  - Induced Maturation
    - 71-002462
  - Life History/General
    - 71-005486
  - Light
    - 71-002188
    - 71-002817
  - Movements
    - 71-006650
  - Parasites/Diseases
    - 71-009002
    - 71-009054
    - 71-009847
    - 71-009881
  - Parasitic Copepods
    - 71-009881
  - Population Studies
    - 71-006650
  - Pseudobranch
    - 71-001762
  - Reproduction
    - 71-002462
    - 71-002817
  - Reproductive System
    - 71-001470
  - Rodlet Cells
    - 71-001760
  - Salinity
    - 71-000575
    - 71-002249
  - Spawning Cycle Regulation
    - 71-002817
  - Sperm
    - 71-002252
  - Steroids
    - 71-002462

...CONTINUED...

- Dicentrarchus labrax
  - Temperature
    - 71-002817
  - Trematodes
    - 71-009847
- Diceratiidae
  - New Species
    - 71-008836
  - Taxonomy
    - 71-008837
- Dicrolene intronigra
  - Lipid Composition
    - 71-003803
  - Swimbladder
    - 71-003803
- Dictyopyge
  - Paleontology
    - 71-008770
- Diodon
  - Early Development
    - 71-008656
  - Embryology
    - 71-008656
  - Taxonomy
    - 71-008656
  - Zoogeography
    - 71-008656
- Diodon holacanthus
  - Life History/General
    - 71-005816
  - Spawning
    - 71-005816
- Dionda
  - New Species
    - 71-008627
  - Taxonomy
    - 71-008627
    - 71-008630
- Dionda mandibularis
  - New Species
    - 71-008529
- Dionda nubila
  - Age/Growth
    - 71-005608
  - Spawning
    - 71-005608
- Diplectrum
  - Taxonomy
    - 71-008488
- Diplectrum bivittatum
  - Reproductive System
    - 71-002006
- Diplectrum macropoma
  - Life History/General
    - 71-005504
- Diplectrum pacificum
  - Hermaphroditism
    - 71-001434
  - Life History/General
    - 71-005504
  - Reproductive System
    - 71-001434
- Diplodus cervinus
  - Trophic Relationships
    - 71-006827
- Diplodus sargus
  - Clavellodes macrotrachelus
    - 71-009553
  - Parasites/Diseases
    - 71-009553
  - Parasitic Copepods
    - 71-009553
  - Trophic Relationships
    - 71-006827
- Diplophos rebainsi
  - Distribution/Geographical
    - 71-008160
    - 71-008162
  - Distribution/Seasonal
    - 71-008162
  - Early Development
    - 71-008162
- Dipnoi
  - Paleontology
    - 71-008512
  - Skeletal System
    - 71-008690
  - Taxonomy
    - 71-008690
- Diretmidae
  - Distribution/Geographical
    - 71-008132
  - Distribution/Vertical
    - 71-008132
  - Morphology
    - 71-008132
  - Taxonomy
    - 71-008132
- Diretmus argenteus
  - Distribution/Geographical
    - 71-008132
  - Distribution/Vertical
    - 71-008132
  - Morphology
    - 71-008132
  - Taxonomy
    - 71-008132
- Diretmus pauciradiatus
  - Distribution/Geographical
    - 71-008132
  - Distribution/Vertical
    - 71-008132
  - Morphology
    - 71-008132
  - Taxonomy
    - 71-008132
- Dischistodus perspicillatus
  - Foods/Feeding
    - 71-007187
- Discotrema crinophila
  - New Species
    - 71-008492
- Dissostichus eleginoides
  - Parasites/Diseases
    - 71-009746
  - Trematodes
    - 71-009746
- Dissostichus mawsoni
  - Antifreeze Production
    - 71-002920
    - 71-003055
  - Blood Chemistry
    - 71-003850
  - Respiration
    - 71-003864
- Doras spinosissimus
  - Auditory Senses
    - 71-001648
- Dormitator latifrons
  - Early Development
    - 71-004218
  - Movements
    - 71-004218
- Dorosoma
  - Larval Behavior
    - 71-005695
  - Life History/General
    - 71-005695
  - Predator/Prey Relationships
    - 71-007136
- Dorosoma cepedianum
  - Acanthocephala
    - 71-009716
  - Aeration
    - 71-007457
    - 71-012044
  - Age/Growth
    - 71-007457
  - Bioenergetics
    - 71-002661
    - 71-005791
  - Body Temperature
    - 71-002239
  - Bothriocephalus cuspidatus
    - 71-009715
  - Cestodes
    - 71-009715
  - Digestive System
    - 71-001649
  - Distribution/Geographical
    - 71-007918
  - Distribution/Vertical
    - 71-006720
    - 71-012044
  - Early Development
    - 71-001954
  - Embryology
    - 71-001954
  - Foods/Feeding
    - 71-007030
  - Foods/Feeding/Selectivity
    - 71-006871
    - 71-006872
    - 71-006873
    - 71-007243
  - Gracilisentis gracilisentis
    - 71-009716
  - Habitat Selection
    - 71-006720
  - Identification
    - 71-008531
  - Life History/General
    - 71-005791
  - Metabolic Rates
    - 71-005791
    - 71-007243
  - Nutrition
    - 71-007030
  - Parasites/Diseases
    - 71-009715
    - 71-009716
  - Population Studies
    - 71-005791
  - Temperature
    - 71-002498
  - Trophic Relationships
    - 71-002661
- Dorosoma petenense
  - Chemoreception
    - 71-005214
  - Early Development
    - 71-001954
  - Embryology
    - 71-001954
  - Fish Passage
    - 71-012681
  - Foods/Feeding
    - 71-005214
    - 71-006980
    - 71-012985
  - Foods/Feeding/Selectivity
    - 71-007315
  - Forage Introductions
    - 71-006976
    - 71-007102
    - 71-012411
    - 71-012433
  - Impingement/Entrainment
    - 71-012681
  - Light
    - 71-006980
  - Management/Research--Reservoirs
    - 71-007315
    - 71-012411
    - 71-012433
  - Predator/Prey Relationships
    - 71-006976

...CONTINUED...

- Dorosoma petenense
  - Predator/Prey Relationships
    - 71-007102
    - 71-007315
  - Reproductive System
    - 71-004008
  - Spawning
    - 71-008381
  - Stocking/Introductions
    - 71-013014
  - Temperature
    - 71-002857
    - 71-008381
- Dorosoma smithi
  - Distribution/Geographical
    - 71-008073
- Drepane punctata
  - Fecundity
    - 71-006395
  - Life History/General
    - 71-005568
  - Spawning
    - 71-006395
- Echeneidae
  - Taxonomy
    - 71-008566
- Echiodon rendahli
  - Distribution/Geographical
    - 71-008159
    - 71-008161
  - Morphology
    - 71-008161
- Eglestonichthys patriciae
  - New Genus
    - 71-008691
  - New Species
    - 71-008691
- Eigenmannia
  - Electric Organs
    - 71-005194
  - Ventral Substrate Response
    - 71-005221
- Eigenmannia virescens
  - Communication
    - 71-005014
  - Electric Organs
    - 71-001670
    - 71-002689
    - 71-003962
    - 71-003963
    - 71-003964
    - 71-005002
    - 71-005014
  - Electroreception
    - 71-004290
  - Reproduction
    - 71-006353
  - Skeletal System
    - 71-001777
  - Spawning
    - 71-006353
  - Temperature
    - 71-005002
- Elachocharax
  - Taxonomy
    - 71-008857
- Elachocharax geryi
  - New Species
    - 71-008857
- Elagatis bipinnulata
  - Life History/General
    - 71-013330
  - Management/Research--Marine
    - 71-013330
- Elasmobranchii
  - Dentition
    - 71-001907
- Elassoma
  - Early Development
    - 71-003538
  - Embryology
    - 71-003538
  - Spawning Behavior
    - 71-003538
- Elassoma evergladei
  - Competition
    - 71-006092
  - Population Studies
    - 71-006092
- Elassomatidae
  - Early Development
    - 71-008527
  - Identification/Larvae
    - 71-008527
- Electrophorus electricus
  - Blood Chemistry
    - 71-003241
  - Electric Organs
    - 71-001492
    - 71-003694
    - 71-004891
  - Foods/Feeding
    - 71-004891
  - Metabolism
    - 71-003240
- Eleginus gracilis
  - Antifreeze Production
    - 71-003865
- Eleginus navaga
  - Abundance/Factors of
    - 71-008424
  - Embryology
    - 71-003363
  - Morphology
    - 71-001695
  - Year Class Strength
    - 71-008424
- Eleutheronema tetradactylum
  - Spawning
    - 71-006362
- Elopichthys bambusa
  - Age/Growth
    - 71-007530
- Elopiformes
  - Identification
    - 71-008789
  - Morphology
    - 71-008789
- Elops
  - Taxonomy
    - 71-008712
- Elops hawaiiensis
  - Culture/Propagation
    - 71-000582
  - Polyculture
    - 71-000582
  - Pond Culture
    - 71-000582
- Elops machnata
  - Foods/Feeding
    - 71-007340
  - Predator/Prey Relationships
    - 71-007340
- Embiotoca jacksoni
  - Age/Growth
    - 71-007437
  - DDT
    - 71-011503
  - Embryology
    - 71-006192
  - Fecundity
    - 71-006192
  - Insecticides
    - 71-011503
  - Spawning
    - 71-006192
  - Swimming Performance
    - 71-004978
- Embiotoca lateralis
  - Davisia reginae
    - 71-009323
  - Foods/feeding
    - 71-006755
  - Foods/Feeding
    - 71-006961
  - Parasites/Diseases
    - 71-009323
    - 71-009339
  - Predator/Prey Relationships
    - 71-006961
  - Protozoan Diseases
    - 71-009323
    - 71-009339
  - Zschokkella embiotocidis
    - 71-009339
- Embiotocidae
  - Diclidophora embiotocae
    - 71-009669
  - Distribution/Vertical
    - 71-006724
  - Gill Parasites
    - 71-009669
  - Habitat Selection
    - 71-004872
  - Parasites/Diseases
    - 71-009669
  - Spatial Overlap
    - 71-004872
  - Temperature
    - 71-006724
  - Trematodes
    - 71-009669
- Emblemariopsis pricei
  - New Species
    - 71-008604
- Emissola antarctica
  - Heavy Metals
    - 71-010178
  - Mercury
    - 71-010178
- Emmelichthyidae
  - Distribution/Geographical
    - 71-008832
  - New Species
    - 71-008832
  - Taxonomy
    - 71-008614
    - 71-008832
- Enchelyopus cimbrius
  - Taxonomy
    - 71-008517
  - Variation Studies
    - 71-008517
- Endemichthys
  - Taxonomy
    - 71-008515
- Engraulidae
  - Electrophoresis
    - 71-008726
  - Life History/General
    - 71-005826
  - Movements
    - 71-005826
  - Population Studies
    - 71-005930
  - Taxonomy
    - 71-008726
- Engraulis anchoita
  - Predator/Prey Relationships
    - 71-007351
  - Trophic Relationships
    - 71-007351
- Engraulis capensis
  - Bird Predation
    - 71-006842

...CONTINUED...

- Engraulis capensis
  - Predator/Prey Relationships
    - 71-006842
- Engraulis encrasicholus
  - Electrophoresis
    - 71-004590
  - Musculature
    - 71-002043
  - Parasites/Diseases
    - 71-009772
  - Renicola
    - 71-009772
  - Trematodes
    - 71-009772
- Engraulis encrasicholus maeoticus
  - Foods/Feeding
    - 71-007114
  - Movements
    - 71-006195
  - Spawning Migration
    - 71-006195
- Engraulis encrasicholus ponticus
  - Foods/Feeding/Selectivity
    - 71-007240
  - Abundance/Factors of
    - 71-008397
  - Foods/Feeding
    - 71-007239
- Engraulis japonica
  - Biochemical Composition
    - 71-002942
  - Foods/Feeding
    - 71-007297
  - Lipid Composition
    - 71-002942
  - Variation Studies
    - 71-004669
    - 71-004670
- Engraulis mordax
  - Abnormalities
    - 71-001596
  - Abundance/Factors of
    - 71-002315
    - 71-004925
    - 71-006989
    - 71-007222
    - 71-008298
    - 71-008377
  - Age/Growth
    - 71-000598
    - 71-007555
    - 71-007606
  - Age/Length Composition
    - 71-006133
  - Benzene
    - 71-011003
  - Bioenergetics
    - 71-004367
  - Cardio-Vascular System
    - 71-001394
  - Culture/Propagation
    - 71-000598
  - Distribution/Factors of
    - 71-002315
    - 71-004925
  - Distribution/Vertical
    - 71-006634
  - Fecundity
    - 71-006327
  - Foods/Feeding
    - 71-006786
    - 71-006989
    - 71-007222
    - 71-008298
  - Foods/Feeding/Selectivity
    - 71-006768
  - Harvest
    - 71-012135
  - Management/Research--Marine
    - 71-006085
    - 71-012810
    - 71-013173
    - 71-013231
    - 71-013244
  - Mortality Rates
    - 71-008384
  - Musculature
    - 71-002043
  - Oil
    - 71-011003
  - Population Studies
    - 71-005957
    - 71-006036
    - 71-006085
    - 71-012135
  - Predator/Prey Relationshipe
    - 71-006786
  - Respiration
    - 71-005442
  - Schooling Behavior
    - 71-005389
    - 71-006634
    - 71-013424
  - Sex Ratios
    - 71-006354
  - Spawning
    - 71-004925
    - 71-006208
    - 71-006327
  - Starvation
    - 71-003666
  - Swimbladder
    - 71-003075
  - Swimming Performance
    - 71-004367
    - 71-005442
  - Temperature
    - 71-002315

...CONTINUED...

- Engraulis mordax
  - Temperature
    - 71-004925
    - 71-006989
  - Trophic Relationships
    - 71-007045
- Engraulis ringens
  - Management/Research--Marine
    - 71-005935
    - 71-013170
  - Population Studies
    - 71-005935
    - 71-006562
  - Spawning
    - 71-006562
- Engyophrys senta
  - Early Development
    - 71-001608
  - Skeletal System
    - 71-001608
- Enneacanthus chaetodon
  - Distribution/Geographical
    - 71-007953
- Enneacanthus gloriosus
  - Activity Patterns
    - 71-004937
  - Condition Factors
    - 71-010258
  - Distribution/Geographical
    - 71-007819
  - Foods/Feeding
    - 71-010258
  - Thermal Pollution
    - 71-010258
- Enophrys bison
  - Early Development
    - 71-001787
  - Leeches
    - 71-009545
  - Malmiana
    - 71-009545
  - Morphology
    - 71-001787
  - Parasites/Diseases
    - 71-009545
- Entosphenus hubbsi
  - New Species
    - 71-008848
- Entosphenus japonicus
  - Blood Chemistry
    - 71-002155
  - Excretory System
    - 71-001790
  - Olfaction
    - 71-005403
- Entosphenus minimus
  - New Species
    - 71-008847
- Entosphenus tridentatus
  - Distribution/Geographical
    - 71-008259
  - Spawning
    - 71-006416
- Eohiodon falcatus
  - New Species
    - 71-008601
  - Paleontology
    - 71-008601
- Eopsetta grigorjewi
  - Early Development
    - 71-005664
- Eopsetta jordani
  - Age/Growth
    - 71-007466
    - 71-013280
  - Early Development
    - 71-005787
  - Foods/Feeding
    - 71-007047
  - Management/Research--Marine
    - 71-013280
  - Mortality Rates
    - 71-013280
  - Population Studies
    - 71-013280
- Epigoninae
  - Distribution/Geographical
    - 71-008672
  - Identification
    - 71-008672
- Epinephelus
  - Distribution/Geographical
    - 71-007940
  - Habitat Selection
    - 71-007940
- Epinephelus cruentatus
  - Life History/General
    - 71-005765
- Epinephelus drummondhayi
  - Coloration
    - 71-001971
- Epinephelus fasciatus
  - Foods/Feeding
    - 71-007021
- Epinephelus guttatus
  - Age/Growth
    - 71-005512
  - Mortality Rates
    - 71-005512
  - Parasites/Diseases
    - 71-005512
- Epinephelus niveatus
  - Harvest
    - 71-012171
  - Management/Research--Marine
    - 71-012171
- Epinephelus salmoides
  - Cage Culture
    - 71-000660

...CONTINUED...

- Epinephelus salmoides
  - Cage Culture
    - 71-000661
    - 71-000917
  - Culture/Propagation
    - 71-000576
    - 71-000660
    - 71-000661
    - 71-000917
  - Feeding Experiments
    - 71-000917
  - Net-Pen Culture
    - 71-000576
  - Nutrition
    - 71-000917
- Epinephelus tauvina
  - Age/Growth
    - 71-000918
  - Cage Culture
    - 71-000918
  - Culture/Propagation
    - 71-000599
    - 71-000918
  - Fry Production
    - 71-000599
- Eptatretus burgeri
  - Endocrinology
    - 71-002992
    - 71-003744
    - 71-004240
  - Induced Maturation
    - 71-006261
  - Organ Weights
    - 71-001864
  - Reproduction
    - 71-001864
    - 71-003745
  - Reproductive System
    - 71-002992
    - 71-003744
    - 71-003746
  - Spawning
    - 71-006261
- Eptatretus deani
  - Olfaction
    - 71-004209
- Eptatretus stouti
  - Blood Chemistry
    - 71-002961
    - 71-004500
  - Endocrinology
    - 71-002579
    - 71-002961
    - 71-003112
    - 71-003115
    - 71-004120
    - 71-004292
  - Enzymes
    - 71-003113
  - Excretory System
    - 71-003885
  - Hormones
    - 71-002579
    - 71-004120
  - Insulin
    - 71-003112
  - Metabolism
    - 71-003113
  - Mucous Secretion
    - 71-004102
  - Olfaction
    - 71-004209
  - Reproduction
    - 71-004500
  - Steroids
    - 71-004371
- Equetus lanceolatus
  - Distribution/Geographical
    - 71-008008
- Erichalcis arcta
  - New Genus
    - 71-008570
  - New Species
    - 71-008570
- Ericymba buccata
  - Acoustico-Lateralis System
    - 71-001642
  - Foods/Feeding
    - 71-007320
- Eridacnis radcliffei
  - Embryology
    - 71-001821
  - Reproductive System
    - 71-001821
- Erilepis zonifer
  - Lipid Composition
    - 71-004315
    - 71-004316
    - 71-004317
- Erimyzon oblongus
  - Caryophyllaeidae
    - 71-009656
  - Cestodes
    - 71-009656
    - 71-009657
  - Parasites/Diseases
    - 71-009656
    - 71-009657
- Erimyzon sucetta
  - Baitfish Culture
    - 71-000504
  - Cestodes
    - 71-009992
  - Culture/Propagation
    - 71-000504
  - Early Development
    - 71-001560

...CONTINUED...

- Erimyzon sucetta
  - Parasites/Diseases
    - 71-009992
  - Penarchigetes fessus
    - 71-009992
- Erythrinidae
  - Mouth Parts
    - 71-001924
  - Paleontology
    - 71-001924
- Erythrinus erythrinus
  - Air Breathing
    - 71-003802
    - 71-004114
  - Gills
    - 71-003802
  - Respiration
    - 71-003802
    - 71-004114
- Esocidae
  - Abundance/Factors of
    - 71-008337
  - Competition
    - 71-008337
  - Life History/General
    - 71-011679
  - Management/Research--General
    - 71-011679
  - Population Studies
    - 71-008337
- Esomus danricus
  - Condition Factors
    - 71-007562
  - Length-Weight Relationships
    - 71-007562
  - Size Hierarchies
    - 71-005111
- Esox
  - Hybridization
    - 71-004582
  - Striking Behavior
    - 71-005435
- Esox americanus vermiculatus
  - Genetics
    - 71-004594
  - Hybridization
    - 71-004780
  - Lactate Dehydrogenase
    - 71-004594
  - Life History/General
    - 71-005583
- Esox lucius
  - Abnormalities
    - 71-002072
  - Abundance/Factors of
    - 71-008353
    - 71-008360
    - 71-008409
  - Age/Growth
    - 71-007458
    - 71-007671
  - Anesthetics
    - 71-010735
  - Antiseptics
    - 71-010725
  - Benzocaine
    - 71-010735
  - Biochemical Composition
    - 71-003532
  - Bioenergetics
    - 71-002576
  - Blood Chemistry
    - 71-004076
  - Cadmium
    - 71-010766
  - Cardio-Vascular System
    - 71-001780
  - Catchability
    - 71-013126
  - Copper
    - 71-011124
  - Culture/Propagation
    - 71-000095
    - 71-000365
    - 71-000782
  - Detergents
    - 71-011123
  - Early Development
    - 71-001456
  - Electrophoresis
    - 71-002956
  - Endocrinology
    - 71-003104
    - 71-003245
  - Enzymes
    - 71-002956
    - 71-010010
  - Eutrophication
    - 71-008409
  - Exploitation Rates
    - 71-012888
  - Fecundity
    - 71-006530
  - Fertilization
    - 71-002249
  - Flow Regimes
    - 71-007158
  - Foods/Feeding
    - 71-006862
    - 71-007022
    - 71-007158
    - 71-007317
    - 71-007671
  - Foods/Feeding/Selectivity
    - 71-012475
  - Habitat Selection
    - 71-006606
  - Harvest
    - 71-008409

...CONTINUED...

- Esox lucius
  - Heavy Metals
    - 71-003800
    - 71-010274
    - 71-010362
    - 71-010766
    - 71-011124
  - Henneguya
    - 71-009281
  - Hormones
    - 71-002533
    - 71-003100
  - Hybridization
    - 71-004780
    - 71-013126
  - Induced Maturation
    - 71-000095
    - 71-002533
  - Industrial Wastes
    - 71-010010
  - Life History/General
    - 71-005635
    - 71-005728
    - 71-012475
  - Management/Research--Lakes
    - 71-012382
    - 71-012888
  - Management/Research--Ponds
    - 71-012475
  - Management/Research--Reservoirs
    - 71-012393
  - Mercury
    - 71-003800
    - 71-010274
    - 71-010362
  - Meristic Studies
    - 71-001977
  - Metabolism
    - 71-003101
  - Mine Effluents
    - 71-010362
  - Movements
    - 71-006606
  - Myxosporida
    - 71-009281
  - Nutrient Requirements
    - 71-000782
  - Nutrition
    - 71-000782
  - Olfaction
    - 71-001398
    - 71-001689
    - 71-004968
  - Osmoregulation
    - 71-003684
  - Oxygen
    - 71-003782
  - Parasites/Diseases
    - 71-009034
    - 71-009281
  - Pineal Body
    - 71-001537
  - Population Studies
    - 71-006073
    - 71-008353
    - 71-008409
    - 71-012791
  - Predator/Prey Relationships
    - 71-007198
  - Protozoan Diseases
    - 71-009281
  - Put-Grow-and-Take
    - 71-012382
  - Radionuclides
    - 71-011172
  - Reproduction
    - 71-006506
  - Reproductive System
    - 71-001617
  - Respiration
    - 71-002593
    - 71-002594
    - 71-002595
  - Salinity
    - 71-002249
  - Scales
    - 71-002396
  - Skeletal System
    - 71-002396
  - Spawning
    - 71-006172
    - 71-006506
    - 71-006530
  - Spawning Marshes
    - 71-000365
  - Starvation
    - 71-003101
    - 71-004076
  - Stocking/Introductions
    - 71-012382
    - 71-012393
    - 71-012431
    - 71-012475
  - Stress
    - 71-004076
  - Survival
    - 71-012382
  - TCDD
    - 71-010881
  - Temperature
    - 71-002498
    - 71-003782
  - Vision
    - 71-004105
  - Water Level Fluctuations
    - 71-006172
- Esox lucius X E. americanus vermiculatus
  - Hybridization
    - 71-004780
- Esox lucius X E. masquinongy
  - Foods/Feeding/Selectivity
    - 71-012475
  - Life History/General
    - 71-012475
  - Management/Research--Ponds
    - 71-012475
  - Stocking/Introductions
    - 71-012475
- Esox masquinongy
  - Age/Growth
    - 71-007478
  - Arsenic
    - 71-011415
  - Behavior/Fry
    - 71-004945
  - Bibliographies
    - 71-012731
  - Catchability
    - 71-013126
  - Culture/Propagation
    - 71-000387
    - 71-000500
    - 71-000782
    - 71-002282
  - Early Development
    - 71-001456
  - Egg Production
    - 71-000500
  - Fin Clipping
    - 71-012346
  - Fingerling Production
    - 71-000387
  - Foods/Feeding/Selectivity
    - 71-012475
  - Heavy Metals
    - 71-011415
  - Hybridization
    - 71-013126
  - Iodophores
    - 71-000500
  - Life History/General
    - 71-005634
    - 71-005635
    - 71-012475
  - Management/Research--Lakes
    - 71-012899
  - Management/Research--Ponds
    - 71-012475
  - Management/Research--Rivers and Streams
    - 71-012999
  - Marking/Tagging
    - 71-012346
  - Mortality Rates
    - 71-012381
  - Movements
    - 71-005563
  - Myxobolus dentium
    - 71-009288
  - Myxosporida
    - 71-009288
  - Nutrient Requirements
    - 71-000782
  - Nutrition
    - 71-000782
  - Parasites/Diseases
    - 71-009288
  - Pond Culture
    - 71-000387
  - Protozoan Diseases
    - 71-009288
  - Spawning
    - 71-005563
  - Stocking/Introductions
    - 71-012381
    - 71-012475
  - Temperature
    - 71-002282
    - 71-002283
  - Temperature Selection
    - 71-005310
- Esox masquinongy X E. lucius
  - Culture/Propagation
    - 71-000466
  - Recirculating Systems
    - 71-000466
  - Temperature
    - 71-002283
- Esox niger
  - Heavy Metals
    - 71-010819
  - Life History/General
    - 71-005624
  - Management/Research--Ponds
    - 71-013036
  - Predator/Prey Relationships
    - 71-013036
  - Temperature Selection
    - 71-005327
  - Trace Metals
    - 71-010819
  - Vision
    - 71-001834
- Esox reicherti
  - Hybridization
    - 71-004582
- Estrumeus teres
  - Distribution/Factors of
    - 71-008223
  - Temperature
    - 71-008223
- Etheostoma
  - Alarm Reaction
    - 71-005383
  - Electrophoresis
    - 71-004859
  - Foods/Feeding
    - 71-006847

...CONTINUED...

- Etheostoma
  - Habitat Selection
    - 71-004252
    - 71-004253
  - Hybridization
    - 71-004744
  - Metabolism
    - 71-004253
  - Morphology
    - 71-008718
  - Oxygen
    - 71-004252
    - 71-004253
  - Respiration
    - 71-004252
  - Spawning
    - 71-008718
  - Taxonomy
    - 71-008494
    - 71-008495
    - 71-008718
- Etheostoma acuticeps
  - Distribution/Geographical
    - 71-007765
    - 71-007952
  - Life History/General
    - 71-007952
  - Status
    - 71-007952
- Etheostoma aquali
  - New Species
    - 71-008869
- Etheostoma barbouri
  - Life History/General
    - 71-005590
- Etheostoma blennioides
  - Age/Growth
    - 71-007668
  - Conditon Factors
    - 71-007668
  - Distribution/Geographical
    - 71-007820
  - Leeches
    - 71-009816
  - Length-Weight Relationships
    - 71-007668
  - Parasites/Diseases
    - 71-009816
  - Piscicolaria reducta
    - 71-009816
- Etheostoma blennioides newmanii
  - Early Development
    - 71-001397
- Etheostoma blennius
  - Life History/General
    - 71-008496
  - Taxonomy
    - 71-008496
- Etheostoma blennius sequatchie
  - New Subspecies
    - 71-008496
- Etheostoma caeruleum
  - Ecology
    - 71-005768
  - Foods/Feeding/Selectivity
    - 71-006750
  - Habitat Selection
    - 71-005768
  - Heavy Metals
    - 71-010256
  - Identification/Eggs
    - 71-008530
  - Identification/Larvae
    - 71-008530
  - Life History/General
    - 71-005768
  - Spawning
    - 71-006363
  - Zinc
    - 71-010256
- Etheostoma colletei
  - Skeletal System
    - 71-001925
- Etheostoma edwini
  - Distribution/Geographical
    - 71-008061
  - Status
    - 71-008061
- Etheostoma etnieri
  - New Species
    - 71-008489
- Etheostoma exile
  - Foods/Feeding
    - 71-007080
- Etheostoma flabellare
  - Electrofishing
    - 71-004386
  - Electroshock
    - 71-004386
  - Foods/Feeding/selectivity
    - 71-006750
  - Identification/Eggs
    - 71-008530
  - Identification/Larvae
    - 71-008530
  - Life History/General
    - 71-005482
  - Production
    - 71-006122
- Etheostoma fonticola
  - Foods/Feeding
    - 71-007218
  - Length-Weight Relationships
    - 71-007574
  - Life History/General
    - 71-005820
  - Sex Ratios
    - 71-006491
  - Sexual Dimorphism
    - 71-006491

...CONTINUED...

- Etheostoma fonticola
  - Spawning
    - 71-006491
- Etheostoma fusiforme
  - Distribution/Geographical
    - 71-005821
    - 71-005822
  - Life History/General
    - 71-005821
    - 71-005822
- Etheostoma histrio
  - Distribution/Geographical
    - 71-008201
  - Habitat Selection
    - 71-008201
- Etheostoma kennicotti
  - Life History/General
    - 71-005779
  - Taxonomy
    - 71-008717
    - 71-008797
- Etheostoma microperca
  - Foods/Feeding
    - 71-006839
- Etheostoma neopterum
  - New Species
    - 71-008624
- Etheostoma nianguae
  - Life History/General
    - 71-005790
  - Management/Research--Rivers and Streams
    - 71-005790
  - Status
    - 71-005790
- Etheostoma nigrum
  - Abundance/Factors of
    - 71-008339
  - Competition
    - 71-005381
  - Distribution/Factors of
    - 71-008339
  - Habitat Selection
    - 71-005381
  - Temperature
    - 71-003298
  - Trophic Relationships
    - 71-008339
- Etheostoma nigrum nigrum
  - Variation Studies
    - 71-004680
- Etheostoma nigrum susanae
  - Taxonomy
    - 71-008809
- Etheostoma okaloosae
  - Distribution/Geographical
    - 71-008061
  - Status
    - 71-008061
- Etheostoma olmstedi
  - Abundance/Factors of
    - 71-008318
  - Age/Growth
    - 71-007061
  - Coloration
    - 71-001496
  - Foods/Feeding
    - 71-007061
  - Oxygen
    - 71-008318
- Etheostoma pallididorsum
  - Management/Research--General
    - 71-005629
  - Hermaphroditism
    - 71-002886
  - Life History/General
    - 71-005629
- Etheostoma parvipinne
  - Distribution/Geographical
    - 71-008166
  - Habitat Selection
    - 71-008166
  - Status
    - 71-008166
  - Variation Studies
    - 71-008166
- Etheostoma proeliare
  - Eggs
    - 71-001452
  - Embryology
    - 71-001452
  - Life History/General
    - 71-005513
    - 71-005514
  - Skeletal System
    - 71-001925
- Etheostoma punctulatum
  - Acanthocephala
    - 71-009840
  - Acanthocephalus tahlequahensis
    - 71-009840
  - Parasites/Diseases
    - 71-009840
- Etheostoma radiosum
  - Genic Continuity
    - 71-004593
- Etheostoma smithi
  - Life History/General
    - 71-005777
  - New Species
    - 71-008716
- Etheostoma spectabile
  - Ammonia
    - 71-010875
  - Chlorine
    - 71-010875
  - Electrophoresis
    - 71-004858
  - Light
    - 71-006403

...CONTINUED...
Etheostoma spectabile
Production
71-006122
Spawning
71-006363
71-006403
Temperature
71-006403
Etheostoma squamiceps
Distribution/Geographical
71-008106
Etheostoma striatulum
New Species
71-008715
Etheostoma variatum
Ecology
71-005768
Habitat Selection
71-005768
Life History/General
71-005768
Etheostoma zonale
Ecology
71-005768
Foods/Feeding
71-006839
Foods/Feeding/Selectivity
71-006750
Habitat Selection
71-005768
Life History/General
71-005768
Parasites/Diseases
71-008931
Taxonomy
71-008545
Etheostoma zonale zonale
Life History/General
71-005580
Etheostomatini
Acoustico-Lateralis System
71-001858
Etmopterus lucifer
Life History/General
71-001817
Morphology
71-001817
Etmopterus spinax
Electrophoresis
71-004229
Embryology
71-001692
Enzymes
71-003315
Gills
71-001692
Lactate Dehydrogenase
71-004229
Musculature
71-001693
71-001969
Etroplus maculatus
Brooding Behavior
71-005306
Coloration
71-001906
Etropus microstomus
Early Development
71-001940
Embryology
71-001940
Etrumeus teres
Life History/General
71-005990
Population Studies
71-005981
71-005990
Eupleurogrammus muticus
Life History/General
71-005766
Eupomacentrus dorsopunicans
Aggressive Behavior
71-005340
Competition
71-005340
Eupomacentrus leucostictus
Territorial Behavior
71-004987
71-004988
Eupomacentrus planifrons
Aggressive Behavior
71-005340
71-005415
71-005416
71-005452
Competition
71-005340
71-007343
Habitat Selection
71-005105
Population Studies
71-005451
Social Behavior
71-005451
Territorial Behavior
71-005105
71-005415
71-005416
71-005417
71-005418
Trophic Relationships
71-007343
Eupomacentrus rectifraenum
Foods/Feeding
71-007125
71-007126
Trophic Relationships
71-007125
71-007126

Euthymus
Thermal Regulation
71-002585
Euthynnus affinis
Life History/General
71-005886
Management/Research--Marine
71-005886
Population Studies
71-005886
Temperature Selection
71-005395
Euthynnus alletteratus
Life History/General
71-005886
Management/Research--Marine
71-005886
Population Studies
71-005886
Euthynnus lineatus
Distribution/Geographical
71-008035
Life History/General
71-005886
Management/Research--Marine
71-005886
Population Studies
71-005886
Euthynnus pelamis
Distribution/Factors of
71-007943
71-008287
Enzymes
71-003289
Fishing Gear
71-012544
Salinity
71-008287
Temperature
71-008287
Eutropius niloticus
Age/Growth
71-007568
Biochemical Composition
71-003688
Foods/Feeding/Selectivity
71-007155
Evermannella ahlstromi
New Species
71-008640
Evermannella balbo
Distribution/Geographical
71-008186
Evermannella megalops
New Species
71-008640
Eviota pellucidus
New Species
71-008654
Evynnis japonicus
Bacterial Diseases
71-009140
Edwardsiella tarda
71-009140
Parasites/Diseases
71-009140
Exechodontes
New Genus
71-008548
Exechodontes daidaleus
New Species
71-008548
Exocoetidae
Distribution/Geographical
71-001651
Morphology
71-001651
Exocoetus
Abundance
71-005947
Parasites/Diseases
71-009645
Population Studies
71-005947
Trematodes
71-009645
Exoglossum maxillengua
Early Development
71-001460
Identification/Larvae
71-001460
Exoglossum maxillingua
Early Development
71-001559
Facciolella
Spawning
71-008506
Taxonomy
71-008506
Fistularia petimba
Foods/Feeding
71-005566
Morphology
71-005566
Spawning
71-005566
Floridichthys
Taxonomy
71-008553
Zoogeography
71-008553
Floridichthys carpio
Foods/Feeding
71-006801
Trophic Relationships
71-006801
Forcipiger longirostris
Temperature Selection
71-005312

...CONTINUED...
Forcipiger longirostris
Franzia squamipinnis
Life History/General
71-005846
Fugu pardalis
Taste Reception
71-002974
Fugu vermiculare porphyreum
Lipid Composition
71-002940
Lipid Metabolism
71-002940
Starvation
71-002940
Fundulus
Eimeria funduli
71-009368
Embryology
71-001826
71-002231
71-003714
Parasites/Diseases
71-009368
Protozoan Diseases
71-009368
Regeneration
71-002793
Reproductive System
71-001605
Taxonomy
71-008863
Temperature
71-002351
Fundulus bermudae
Embryology
71-002870
Osmoregulation
71-002870
Fundulus blairae
Distribution/Geographical
71-008165
New Species
71-008863
Fundulus chrysotus
Spawning
71-006248
Fundulus diaphanus
Abundance/Factors of
71-008339
Age/Growth
71-007452
Burrowing Behavior
71-004946
Competition
71-006775
Distribution/Factors of
71-008339
Distribution/Geographical
71-007869
71-008013
Fecundity
71-007452
Foods/Feeding
71-006775
71-007080
Fright Behavior
71-004946
Karyotypes
71-004528
Light
71-003826
Osmoregulation
71-002121
Parasites/Diseases
71-009039
71-009606
Population Studies
71-007452
Reproduction
71-003826
Salinity
71-002121
71-003826
71-005016
Temperature
71-002121
71-003826
71-005219
Temperature Selection
71-005016
71-005219
Trophic Relationships
71-008339
Fundulus grandis
Aggressive Behavior
71-006445
Blood Chemistry
71-004092
71-004093
71-004098
Culture/Propagation
71-000659
Distribution/Geographical
71-007921
Eimeria funduli
71-009277
Endocrinology
71-002701
71-003043
Foods/Feeding/Selectivity
71-006898
Hormones
71-002700
71-003042
71-003043
71-004097
71-004098
71-004099

...CONTINUED...
Fundulus grandis
Insecticides
71-006898
71-010720
Mirex
71-010720
Oil
71-010781
Osmoregulation
71-002701
71-003042
71-003043
71-004099
Parasites/Diseases
71-009277
Parathion
71-006898
pH
71-003442
Photoperiodism
71-005387
Pond Culture
71-000659
Predator/Prey Relationships
71-006898
Protozoan Diseases
71-009277
Pulp Mill Effluents
71-011042
Reproduction
71-002700
71-006394
Salinity
71-002700
71-002701
71-005387
Spawning
71-006248
71-006394
71-006445
Temperature
71-002700
Fundulus heteroclitus
Acanthocephala
71-009605
Age/Growth
71-003206
71-005686
71-007452
Aldrin
71-010665
Amino Acids
71-003546
Angiotensin
71-003458
ATP
71-003844
Bacterial Diseases
71-009148
Biochemical Composition
71-003274
Bioenergetics
71-003206
Blood Chemistry
71-003380
Cadmium
71-011523
71-011524
Cestodes
71-009605
Chemoreception
71-005047
Chloride Cells
71-002552
Circadian Rhythms
71-005128
Coloration
71-001661
71-003214
71-003670
Competition
71-006775
Cortisol
71-003381
Dichelyne bullocki
71-009754
Digestive System
71-004186
Embryology
71-002151
71-002175
71-002870
71-003320
71-004191
Endocrinology
71-002847
71-002848
71-002849
71-002851
71-003733
71-003813
Enzymes
71-002582
71-002850
71-003727
71-003844
Fecundity
71-007452
Fertilization
71-001443
Foods/Feeding
71-005686
71-006775
71-007305
Gamete Storage
71-001011
Gyrodactylus stephanus
71-009497

...CONTINUED...
- Fundulus heteroclitus
  - Habitat Selection
    - 71-005261
  - Hatching Behavior
    - 71-004973
  - Heavy Metals
    - 71-010696
    - 71-010991
    - 71-011361
    - 71-011522
    - 71-011523
    - 71-011524
  - Hormones
    - 71-002847
  - Hydrocarbons
    - 71-004112
  - Hypoxia
    - 71-002853
  - Ichthyootoxin
    - 71-010965
  - Insecticides
    - 71-010665
  - Lactate Dehydrogenase
    - 71-004752
  - Lead
    - 71-011523
    - 71-011524
  - Light
    - 71-006541
  - Lunar Activity
    - 71-006542
  - Maturation
    - 71-002182
  - Melanophores
    - 71-001842
  - Mercury
    - 71-010991
    - 71-011361
    - 71-011522
    - 71-011523
    - 71-011524
  - Metabolic Rates
    - 71-004185
  - Naphthalene
    - 71-010752
    - 71-011041
  - Nematodes
    - 71-009754
  - Nitrosamines
    - 71-010796
  - Oil
    - 71-010752
    - 71-011335
    - 71-011427
  - Osmoregulation
    - 71-002552
    - 71-002648
    - 71-002870
    - 71-003199
    - 71-003458
    - 71-003806
    - 71-003968
    - 71-004190
  - Otoliths
    - 71-001517
    - 71-001896
  - Parasites/Diseases
    - 71-009148
    - 71-009497
    - 71-009605
    - 71-009754
  - Pharmacology
    - 71-002582
  - Pigments
    - 71-001774
  - Pineal Body
    - 71-001661
  - Population Studies
    - 71-007452
  - Predator/Prey Relationships
    - 71-007305
  - Pseudomonas reptilivora
    - 71-009148
  - Regeneration
    - 71-002794
    - 71-011522
  - Reproduction
    - 71-003731
    - 71-003813
    - 71-006540
  - Salinity
    - 71-004190
    - 71-004191
    - 71-005016
    - 71-011041
  - Scales
    - 71-002076
    - 71-003583
  - Sediment Bioassays
    - 71-011473
  - Social Behavior
    - 71-005128
  - Spawning
    - 71-005686
    - 71-006540
    - 71-006541
    - 71-006542
    - 71-006543
  - Steroids
    - 71-003731
  - Stress
    - 71-003379
    - 71-003381
  - Temperature
    - 71-003844
    - 71-004185
    - 71-004186
    - 71-004191

...CONTINUED...
- Fundulus heteroclitus
  - Temperature Selection
    - 71-005016
  - Toxins
    - 71-010965
  - Trematodes
    - 71-009497
    - 71-009605
  - Trophic Relationships
    - 71-003274
    - 71-006831
  - Urea
    - 71-010837
  - Urocleidus angularis
    - 71-009497
  - Vision
    - 71-004874
  - Zinc
    - 71-011522
- Fundulus kansae
  - Myxosoma funduli
    - 71-009269
    - 71-009316
  - Osmoregulation
    - 71-004109
  - Parasites/Diseases
    - 71-009269
    - 71-009316
  - Protozoan Diseases
    - 71-009269
    - 71-009316
  - Salinity
    - 71-004109
  - Selenium
    - 71-010607
    - 71-010608
- Fundulus lariversi
  - New Species
    - 71-008661
  - Palentology
    - 71-008661
- Fundulus lincolatus
  - Spawning
    - 71-006248
- Fundulus luciae
  - Life History/General
    - 71-005687
- Fundulus majalis
  - Cleaning Behavior
    - 71-004869
  - Competition
    - 71-006775
  - Crowding
    - 71-001536
  - Foods/Feeding
    - 71-006775
  - Skeletal System
    - 71-001536
  - Trophic Relationships
    - 71-006831
- Fundulus notatus
  - Ichthyophthirius multifiliis
    - 71-009318
  - Karyotypes
    - 71-004544
  - Parasites/Diseases
    - 71-009318
  - Protozoan Diseases
    - 71-009318
- Fundulus notti
  - Taxonomy
    - 71-008863
- Fundulus parvipinnis
  - Life History/General
    - 71-008001
  - Salinity
    - 71-003860
    - 71-003861
- Fundulus seminolis
  - Life History/General
    - 71-005571
- Fundulus similis
  - Insecticides
    - 71-010720
  - Mirex
    - 71-010720
  - Piscicides
    - 71-011610
  - Spawning
    - 71-006248
  - Toxaphene
    - 71-011610
- Fundulus waccamensis
  - Fecundity
    - 71-005831
  - Foods/Feeding
    - 71-005831
  - Spawning
    - 71-005831
- Fundulus xenica
  - Spawning
    - 71-006248
- Furgaleus veritralis
  - Heavy Metals
    - 71-010178
  - Mercury
    - 71-010178
- Gadidae
  - Abundance
    - 71-007813
  - Age/Length Composition
    - 71-007813
  - Cardio-Vascular System
    - 71-001717
  - Culture/Propagation
    - 71-000559
  - Foods/Feeding
    - 71-007205
  - Life History/General
    - 71-005814

...CONTINUED...
- Gadidae
  - Management/Research--Marine
    - 71-005814
  - Nematodes
    - 71-010002
  - Otoliths
    - 71-001473
  - Parasites/Diseases
    - 71-010002
  - Sound Production
    - 71-005070
- Gadopsis marmoratus
  - Competition
    - 71-006998
  - Early Development
    - 71-006333
  - Foods/Feeding
    - 71-006998
  - Spawning
    - 71-006333
- Gadus
  - Bioenergetics
    - 71-004339
  - Harvest
    - 71-013154
  - Management/Research--Marine
    - 71-013154
  - Nets/Netting
    - 71-012543
- Gadus callarias
  - Enzymes
    - 71-003401
  - Osmoregulation
    - 71-002704
    - 71-002705
- Gadus macrocephalus
  - Foods/Feeding
    - 71-007007
  - Parasites/Diseases
    - 71-008984
  - Tumors
    - 71-008984
- Gadus merlangus
  - Amino Acids
    - 71-003155
- Gadus morhua
  - Abnormalities
    - 71-010506
  - Acoustical Methods
    - 71-012306
  - Adrenaline
    - 71-004256
  - Age/Growth
    - 71-007535
    - 71-007586
  - Anisakis
    - 71-010000
  - Arsenic
    - 71-010979
  - Auditory Senses
    - 71-004931
    - 71-005094
  - Bacterial Diseases
    - 71-009145
  - Baits/Baiting
    - 71-012592
  - Cage Culture
    - 71-000610
  - Cardio-Vascular System
    - 71-003023
    - 71-003786
    - 71-003839
    - 71-004319
    - 71-004320
  - Cod-Worm
    - 71-009515
  - Copper
    - 71-010958
  - Culture/Propagation
    - 71-000610
  - DDT
    - 71-011152
    - 71-011370
  - Digestion Rates
    - 71-004243
    - 71-006770
  - Digestive System
    - 71-003024
    - 71-003025
    - 71-003026
    - 71-003501
  - DNA
    - 71-002333
  - Early Development
    - 71-001529
  - Embryology
    - 71-002516
  - Endocrinology
    - 71-002112
  - Enzymes
    - 71-003025
    - 71-003420
    - 71-010958
  - Ethanol
    - 71-011201
  - Excretory System
    - 71-004256
  - Exercise
    - 71-001738
  - Exploitation Rates
    - 71-005923
  - Feeding Experiments
    - 71-000775
  - Fish Preservation
    - 71-007586
  - Food Conversion Efficiency
    - 71-000775

...CONTINUED...
- Gadus morhua
  - Foods/Feeding
    - 71-006769
    - 71-006770
    - 71-007119
    - 71-007172
  - Foods/Feeding/Selectivity
    - 71-007298
  - Heavy Metals
    - 71-010414
    - 71-010958
    - 71-010979
  - Hormones
    - 71-003026
  - Insecticides
    - 71-011152
    - 71-011370
  - Lernaeocera branchialis
    - 71-009951
  - Locomotion
    - 71-005429
  - Management/Research--Marine
    - 71-005923
  - Marking/Tagging
    - 71-012306
  - Mercury
    - 71-010414
  - Metabolic Rates
    - 71-003839
  - Modeling
    - 71-012774
  - Nematodes
    - 71-009515
    - 71-009652
    - 71-010000
  - Nervous System
    - 71-002113
    - 71-003023
    - 71-003646
    - 71-003787
  - Nutrition
    - 71-002333
  - Oil
    - 71-010729
    - 71-011056
  - Olfaction
    - 71-001739
    - 71-005274
  - Osmoregulation
    - 71-003027
  - Otoliths
    - 71-007586
  - Parasites/Diseases
    - 71-008895
    - 71-009145
    - 71-009308
    - 71-009394
    - 71-009452
    - 71-009462
    - 71-009465
    - 71-009515
    - 71-009652
    - 71-009951
    - 71-010000
  - Parasitic Copepods
    - 71-009951
  - pH
    - 71-010958
  - Phocanema
    - 71-010000
  - Phocanema decipiens
    - 71-009515
    - 71-009652
  - Pigments
    - 71-001738
  - Piscine Erythrocytic Necrosis
    - 71-009394
    - 71-009452
    - 71-009462
    - 71-009465
  - Polychlorinated Biphenyls
    - 71-011152
  - Population Studies
    - 71-005923
    - 71-012774
  - Predator/Prey Relationships
    - 71-006769
    - 71-007119
  - Protozoan Diseases
    - 71-009308
  - Respiration
    - 71-002516
  - Rheotropism
    - 71-005274
  - RNA
    - 71-002333
  - Sewage Effluents
    - 71-010506
  - Spawning
    - 71-006518
  - Swimming Performance
    - 71-005429
  - Temperature
    - 71-003420
    - 71-010958
  - Trypanosoma murmanensis
    - 71-009308
  - Ulcers
    - 71-009145
  - Vanadium
    - 71-011307
  - Variation Studies
    - 71-004579
  - Vibrio anguillarum
    - 71-009145
  - Viral Diseases
    - 71-009394
    - 71-009452

...CONTINUED...
Gadus morhua
  Viral Diseases
    71-009462
    71-009465
  Vision
    71-003646
  Zinc
    71-010414
Gadus morhua callarias
  Age/Growth
    71-007632
  Maturation
    71-003312
    71-004018
  Otoliths
    71-003312
Gadus morhua morhua
  Distribution/Factors of
    71-005411
  Foods/Feeding
    71-006826
  Mortality Rates
    71-008309
  Movements
    71-006732
  Temperature
    71-005411
Gadus ogac
  Antifreeze Production
    71-004275
  Lernaecera branchialis
    71-009951
  Parasites/Diseases
    71-009951
  Parasitic Copepods
    71-009951
Gadus virens
  Bacterial Diseases
    71-009077
    71-009112
  Parasites/Diseases
    71-009077
    71-009112
  Vibrio anguillarum
    71-009077
    71-009112
Gaidropsaurus cimbrius
  Haemogregarina aeglefini
    71-009283
  Hematozoa
    71-009283
  Parasites/Diseases
    71-009283
  Protozoan Diseases
    71-009283
Galaxias
  Taxonomy
    71-008680
Galaxias fasciatus
  Age/Growth
    71-007490
  Life History/General
    71-005774
  Spawning
    71-005774
    71-006317
Galaxias maculatus
  Amino Acids
    71-004146
  Distribution/Geographical
    71-008050
  Early Development
    71-008050
  Lipid Composition
    71-004146
  Movements
    71-008050
Galaxias olidus
  Foods/Feeding
    71-006811
Galaxias tanycephalus
  New Species
    71-008578
Galaxias vulgaris
  Activity Patterns
    71-006815
  Age/Growth
    71-007412
  Distribution/Factors of
    71-006591
  Fish Preservation
    71-013354
  Foods/Feeding
    71-006812
    71-006813
    71-006815
    71-006816
  Foods/Feeding/Selectivity
    71-006814
  Movements
    71-006590
  Segregation
    71-006591
  Spawning
    71-006215
  Trophic Relationships
    71-006813
Galaxiidae
  Electrophoresis
    71-004717
  Taxonomy
    71-008456
    71-008500
  Variation Studies
    71-004717
Galeichthys caerulescens
  Age/Growth
    71-007661
  Population Studies
    71-006149

...CONTINUED...
Galeichthys caerulescens
  Production
    71-006149
Galeocerdo cuvieri
  Foods/Feeding
    71-006867
Galeorhinus australis
  Age/Growth
    71-013210
  Arsenic
    71-010158
  Heavy Metals
    71-010158
  Management/Research--Marine
    71-013210
  Mortality Rates
    71-013210
  Selenium
    71-010158
Galeorhinus galeus
  Lipid Composition
    71-002482
Galeorhinus zyopterus
  Distribution/Geographical
    71-007822
Galeus melastomus
  Electrophoresis
    71-004229
  Enzymes
    71-003315
  Lactate Dephydrogenase
    71-004229
  Musculature
    71-001693
    71-001969
Gambusia
  Copulatory Behavior
    71-005276
  Endocrinology
    71-002412
  Nervous System
    71-003185
  Reproduction
    71-002412
  Spawning
    71-005276
Gambusia affinis
  Abate
    71-010956
  Abundance/Factors of
    71-008426
  Age/Growth
    71-004511
  Alarm Reaction
    71-005063
  Alarm Substances
    71-005063
  Aldrin
    71-011515
  Ammonia
    71-007348
  Biomagnification
    71-010626
  Cadmium
    71-004403
  Carbaryl
    71-010688
  Chlorpyrifos
    71-010956
  Coal Ash Effluents
    71-010081
  Coloration
    71-001756
  Copper
    71-011452
  Culture/Propagation
    71-000457
  Dieldrin
    71-011515
  Ecology
    71-005469
  Electrophoresis
    71-003009
    71-004799
  Embryology
    71-001942
  Endrin
    71-010784
    71-010923
  Enzymes
    71-002411
    71-003009
  Fenthion
    71-010956
  Filming Amine
    71-011111
  Foods/Feeding
    71-007195
  Genetics
    71-004545
    71-004860
  Geothermal Effects
    71-008282
  Habitat Selection
    71-004939
  Heavy Metals
    71-004403
    71-010626
    71-010849
    71-011452
  Helminths
    71-009600
  Herbicides
    71-010688
    71-010689
    71-011553
  Insecticides
    71-002411

...CONTINUED...
Gambusia affinis
  Insecticides
    71-010688
    71-010784
    71-010923
    71-010956
    71-011261
    71-011515
    71-011609
  Lactate Dehydrogenase
    71-004855
  Life History/General
    71-005469
  Light
    71-004511
  Malathion
    71-010956
  Mercury
    71-010626
  Mine Effluents
    71-010849
  Molinate
    71-010688
  Morpholine
    71-011111
  Natural Selection
    71-008426
  Nervous System
    71-001942
  Organochlorines
    71-002411
  Organophosphates
    71-010956
  Oxygen
    71-003510
  Parasites/Diseases
    71-009600
  Parathion
    71-010956
  Permethrin
    71-011261
  Pesticides
    71-011531
  pH
    71-004511
  Piscicides
    71-011609
  Polyculture
    71-000457
  Pounce
    71-011261
  Power Plant
    71-011111
  Predator/Prey Relationships
    71-007195
    71-007348
  Propanil
    71-010688
  Regeneration
    71-004511
  Salinity
    71-002127
    71-003938
    71-004511
  Sex Determination
    71-004545
    71-004563
  Spawning
    71-006245
  Temperature
    71-004511
    71-005455
    71-008282
    71-010081
    71-010626
  Temperature Selection
    71-005455
  Thermal Pollution
    71-010081
  Toxaphene
    71-010688
    71-011609
  Trifluralin
    71-011553
  Variation Studies
    71-004799
  Zinc
    71-011452
  2,4-D
    71-010689
Gambusia affinis affinis
  Distribution/Geographical
    71-008176
  Foods/Feeding
    71-007321
  Predator/Prey Relationships
    71-007321
  Trophic Relationships
    71-007321
Gambusia affinis holbrooki
  Coloration
    71-006795
  Predator/Prey Relationships
    71-006795
  Social Behavior
    71-005189
    71-005190
  Spawning
    71-006405
  Spawning Behavior
    71-005189
Gambusia geiseri
  Spawning
    71-006245
Gambusia heterochir
  Genetics
    71-004860
Gambusia manni
  Competition
    71-008421

...CONTINUED...
Gambusia manni
  Predator/Prey Relationships
    71-008421
Gambusia nobilis
  Ecology
    71-005491
  Status
    71-005491
    71-007831
  Temperature
    71-002789
Gasterosteus
  Variation Studies
    71-004702
Gasterosteus aculealus
  Coloration
    71-002493
Gasterosteus aculeatus
  Abnormalities
    71-001911
  Abundance/Factors of
    71-008374
  Age/Length Composition
    71-006748
  Aggressive Behavior
    71-004942
    71-004943
    71-005099
    71-005101
    71-005277
  Anodonta cygnea
    71-009597
  Benzene
    71-011157
  Bioenergetics
    71-004433
  Buoyancy Adjustment
    71-005425
  Cadmium
    71-009864
    71-011220
  Calorific Values
    71-003528
  Cestodes
    71-009804
    71-009864
  Coloration
    71-001453
    71-001455
  Communication
    71-004943
  Distribution/Geographical
    71-007751
    71-007957
  Endocrinology
    71-002229
    71-002289
    71-004042
    71-004381
    71-004382
    71-004383
  Excretory System
    71-004383
  Fin Rays
    71-001592
    71-001911
  Foods/Feeding
    71-006748
    71-006760
    71-006927
    71-006972
    71-007090
    71-007115
    71-007116
    71-007281
  Foods/Feeding/Selectivity
    71-006885
    71-007133
  Glugea anomala
    71-009280
  Habitit Selection
    71-007090
  Healing
    71-003805
  Heavy Metals
    71-009864
    71-010631
    71-011098
    71-011220
  Hormones
    71-002229
    71-004381
  Integument
    71-001454
  Life History/General
    71-005601
    71-005636
    71-005706
  Melatonin
    71-002289
  Meristic Studies
    71-002096
  Metabolic Rates
    71-003527
  Myxobilatus
    71-009242
  Myxosporida
    71-009280
  Oil
    71-011157
  Osmoregulation
    71-002535
    71-003029
    71-004382
  Parasites/Diseases
    71-008923
    71-009242
    71-009280

...CONTINUED...
Gasterosteus aculeatus
Parasites/Diseases
71-009597
71-009804
71-009864
Parasitic Molluscs
71-009597
Phenotypes
71-005706
Pigments
71-001453
Pineal Body
71-004273
71-004274
Population Studies
71-008374
Predator/Prey Relationships
71-001592
71-001911
71-005425
71-006921
71-006972
71-007116
Protozoan Diseases
71-009242
71-009280
Reproduction
71-002289
71-004331
Reproductive System
71-004434
Respiration
71-006760
Respiratory System
71-001531
Salinity
71-002229
71-004519
71-005017
Schistocephalus solidus
71-009804
71-009864
Sexual Dimorphism
71-001454
Social Behavior
71-005231
Spawning
71-005458
71-006193
71-006226
71-006292
71-006304
71-006308
71-006375
71-006376
71-006385
71-006386
71-006488
71-006569
Sperm
71-004519
Steroids
71-003344
Temperature
71-005341
Temperature Selection
71-005017
71-005341
Territorial Behavior
71-005100
Variation Studies
71-001411
71-002096
71-004636
71-004644
71-004683
Zinc
71-010631
71-011098
Gasterosteus aculeatus aculeatus
Paleontology
71-007721
Zoogeography
71-007721
Gasterosteus aculeatus leiurus
Aggressive Behavior
71-005098
Gasterosteus aculeatus trachurus
Reproductive System
71-003345
Gasterosteus aculeatus williamsoni
Oxygen
71-002687
Temperature
71-002687
Status
71-008057
Gavialiceps taeniola
Morphology
71-001474
Gempylidae
Distribution/Geographical
71-007876
71-008062
Genicanthus lamarck
Sex Reversal
71-006534
Spawning
71-006534
Genicanthus semifasicatus
Sex Reversal
71-006534
Spawning
71-006534
Genyonemus lineatus
Foods/Feeding/Selectivity
71-007325

...CONTINUED...
Genyonemus lineatus
Spawning
71-006290
Swimming Performance
71-004978
Genypterus blacodes
Electrophoresis
71-004069
Enzymes
71-004069
Genypterus chilensis
Cestodes
71-009570
Parasites/Diseases
71-009570
Geophagus hondae
Brooding Behavior
71-006207
Spawning
71-006207
Geotria australis
Aeromonas hydrophila
71-009118
Bacterial Diseases
71-009118
Hemorrhagic septicemia
71-009118
Metamorphosis
71-003830
Mouth Parts
71-001721
Parasites/Diseases
71-009118
Pseudomonas fluorescens
71-009118
Gephyroberyx darwini
Distribution/Geographical
71-007993
Gerres macracanthus
Distribution/Geographical
71-008251
Gila atraria
Abundance/Factors of
71-005910
Age/Growth
71-002427
71-005910
Bioenergetics
71-002427
Feeding Experiments
71-002427
Life History/General
71-005861
Production
71-005910
Gila bicolor
Distribution/Seasonal
71-006738
Distribution/Vertical
71-006738
71-006739
Spawning
71-006365
Gila bicolor vaccaceps
New Species
71-008481
Gila cypha
Distribution/Geographical
71-007930
71-008225
Life History/General
71-005749
Gila elegans
Distribution/Geographical
71-007930
Gila robusta
Foods/Feeding
71-007220
Movements
71-006705
Gila traini
New Species
71-008660
Paleontology
71-008660
Gilaboraxobius
New Species
71-008872
Gilbertidia sigalutes
Habitat Selection
71-005185
Gilchristella aestuarius
Foods/Feeding/Selectivity
71-006789
Trophic Relationships
71-006789
Gillichthys mirabilis
Caudal Neurosecretory System
71-003473
71-003654
Electrical Fields/Skin
71-003475
Endocrinology
71-002762
71-003741
Heavy Metals
71-011401
71-011402
Hormones
71-003434
71-003654
71-003724
Lead
71-011401
71-011402
Osmoregulation
71-002762
71-003432
71-003434

...CONTINUED...
Gillichthys mirabilis
Osmoregulation
71-003724
Oxygen
71-002476
Respiration
71-002476
Salinity
71-002476
71-003434
Temperature
71-002476
Ginglymostoma cirratum
Endocrinology
71-003030
Fins
71-001666
Locomotion
71-005048
Osmoregulation
71-003030
Phototropism
71-004977
Rheotropism
71-005048
71-005200
Temperature
71-003030
Vision
71-001966
Ginglyostoma cirratum
Blood Chemistry
71-002116
Temperature
71-002116
Girella nigricans
Parasites/Diseases
71-009789
Trematodes
71-009789
Glossogobius olivaceus
Vision
71-005253
Glyptocephalus cynoglossus
Age/Growth
71-005505
Fecundity
71-006206
Maturity
71-005505
Vertical Distribution
71-005505
Glyptocephalus zachirus
Early Development
71-005787
Foods/Feeding
71-007047
71-007171
Habitat Selection
71-005275
Life History/General
71-005653
Glyptosternum reticulatum
Foods/Feeding
71-005474
Morphology
71-005474
Spawning
71-005474
Gnathonemus petersii
Electric Behavior
71-004890
Electric Organs
71-005150
71-005158
Electroreception
71-003847
71-004163
Integument
71-002090
Pigments
71-002090
Swimbladder
71-002057
Gnathophis
Taxonomy
71-008508
Gnathopogon coerulescens
Dentition
71-001822
Gnathopogon elongatus
Schooling Behavior
71-005159
Gnathorhiza bothrotreta
Paleontology
71-008478
Gobiesox fluviatilis
Distribution/Geographical
71-007770
Gobiesox maeandricus
Habitat Selection
71-005185
71-005186
Gobiesox rhessodon
Early Development
71-001383
Life History/General
71-005870
Gobiidae
Age/Growth
71-007365
Aggressive Behavior
71-005223
Distribution/Geographical
71-007879
71-008692
Habitat Selection
71-005175

...CONTINUED...
Gobiidae
Habitat Selection
71-005290
Henneguya
71-009243
New Genus
71-008621
New Species
71-008647
71-008654
71-008659
71-008734
Parasites/Diseases
71-009243
Protozoan Diseases
71-009243
Taxonomy
71-005290
71-008595
71-008659
71-008733
71-008735
71-008745
Techniques/Cell Culture
71-004358
Thymus
71-001996
Gobiinae
Distribution/Geographical
71-007878
Gobio gobio
Age/Growth
71-005700
Antiseptics
71-010725
Cestodes
71-009944
Embryology
71-003887
Ligula intestinalis
71-009944
Parasites/Diseases
71-009944
Reproductive System
71-001917
71-003886
Spawning
71-005700
Gobio gobio lepidolaemus
Life History/General
71-005858
Morphology
71-005858
Gobiomorphus breviceps
Distribution/Factors of
71-006591
Foods/Feeding
71-006813
Segregation
71-006591
Trophic Relationships
71-006813
Gobiomorus dormitor
Foods/Feeding
71-007106
Light
71-007106
Predator/Prey Relationships
71-007106
Schooling Behavior
71-005213
Spawning
71-005213
Gobionellus boleosoma
Distribution/Geographical
71-007926
Gobionellus pseudofasciatus
Distribution/Geographical
71-007908
Gobionellus sagittula
Foods/Feeding
71-007288
Terrestrial Grazing
71-007288
Gobiosoma ginsburgi
Habitat Selection
71-005087
Life History/General
71-005761
Oxygen
71-005087
Gobius
Taxonomy
71-008732
71-008733
Gobius batrachocephalus
Reproductive System
71-001794
Gobius bucchichi
Foods/Feeding
71-005612
Sexual Dimorphism
71-005612
Spawning
71-005612
Gobius cobitis
Distribution/Geographical
71-007879
Gobius flavescens
Parasites/Diseases
71-009848
Podocotyle atomon
71-009848
Trematodes
71-009848
Gobius melanostomus
Abundance/Factors of
71-006058

...CONTINUED...
Gobius melanostomus
  Embryology
    71-001792
  Endocrinology
    71-001792
  Fecundity
    71-006361
  Hexachlorane
    71-011557
  Insecticides
    71-011557
  Population Studies
    71-006058
  Reproductive System
    71-001794
  Spawning
    71-006420
Gobius minutus
  Regeneration
    71-002794
Gobius newberryi
  Reproduction
    71-006288
  Spawning
    71-006288
Gobius niger
  Activity Patterns
    71-005079
  Electrophoresis
    71-003378
  Endocrinology
    71-002284
  Hormones
    71-002284
  Light
    71-005079
  Locomotion
    71-005079
  Protein Synthesis
    71-003378
  Vitellogenin
    71-003377
Gobius nigricinctus
  Taxonomy
    71-008694
Gobius ocheticus
  Taxonomy
    71-008693
Gobius paganellus
  Distribution/Geographical
    71-007711
    71-007879
  Regeneration
    71-002794
Gobius vittatus
  Mimicry
    71-005081
Gonostoma atlanticum
  Distribution/Geographical
    71-007937
  Foods/Feeding
    71-006830
Gonostoma elongatum
  Foods/Feeding
    71-006830
Gonostomatidae
  Distribution/Vertical
    71-006588
  Length-Weight Relationships
    71-007630
  Life History/General
    71-006588
  Lipid Composition
    71-003638
Goodea atripinnis
  Reproductive System
    71-005247
  Spawning
    71-005247
Goodeidae
  Aggressive Behavior
    71-005141
Gramma linki
  New Species
    71-008808
Grammistidae
  Habitat Selection
    71-005175
Guentherus altivela
  Distribution/Geographical
    71-007773
Gymnarchus niloticus
  Skeletal System
    71-001776
Gymnocanthus tricuspis
  Foods/Feeding
    71-007291
Gymnocephalus cernua
  Abundance/Factors of
    71-008305
    71-008382
  Acoustico-Lateralis System
    71-002584
  Eutrophication
    71-008305
  Life History/General
    71-006156
  Management/Research--Lakes
    71-008305
  Population Studies
    71-006156
  Year Class Strength
    71-006156
Gymnocharacinus bergii
  Ecology
    71-005714
  Morphology
    71-008586

...CONTINUED...
Gymnocharacinus bergii
  Taxonomy
    71-008586
Gymnocorymbus ternetzi
  Fright Behavior
    71-005284
Gymnocranius griseus
  Early Development
    71-006533
  Life History/General
    71-005567
  Spawning
    71-006533
Gymnoscopelus
  Early Development
    71-001873
  Identificaiton/Larvae
    71-001873
Gymnoscopelus opisthopterus
  Identification/Larvae
    71-008882
Gymnothorax
  Auditory Senses
    71-001885
Gymnothorax griseus
  Foods/Feeding
    71-007021
Gymnothorax hubbsi
  New Species
    71-008484
Gymnothorax pikei
  Distribution/Geographical
    71-007965
Gymnotidae
  Electric Organs
    71-005092
  Electrical Communication
    71-005036
    71-005092
    71-005093
Gymnotus carapo
  Aggressive Behavior
    71-005449
    71-005450
  Electric Organs
    71-004354
    71-004885
    71-005449
  Electrical Communication
    71-005448
Haemulon
  Identification
    71-008623
  Social Behavior
    71-005230
Haemulon plumieri
  Age/Growth
    71-007550
  Distribution/Geographical
    71-007940
  Habitat Selection
    71-007940
  Mortality Rates
    71-007550
Halichoeres semicinctus
  Cleaning Behavior
    71-005086
Halimuraena lepopareia
  New Species
    71-008876
Halimuraena shakai
  New Species
    71-008284
Halosauridae
  Distribution/Geographical
    71-008110
  Fish Lists/Keys
    71-008110
  Morphology
    71-001586
Halosauropsis macrochir
  Degeneria halosauri
    71-009557
  Parasites/Diseases
    71-009557
  Trematodes
    71-009557
Haplochromis
  Buoyancy Adjustment
    71-005330
  Distribution/Vertical
    71-005330
  Ecology
    71-006879
  Evolution
    71-008575
  Foods/Feeding
    71-006879
  Hypoxia
    71-002770
  Speciation
    71-008575
  Swimbladder
    71-005330
  Taxonomy
    71-008575
    71-008606
    71-008608
Haplochromis burtoni
  Aggressive Behavior
    71-005004
    71-005072
  Coloration
    71-006260
  Communication
    71-004954
  Habitat Selection
    71-004934

...CONTINUED...
Haplochromis burtoni
  Heavy Metals
    71-010598
  Olfaction
    71-004954
  Spawning
    71-005004
    71-006260
  Zinc
    71-010598
Haplochromis elegans
  Musculature
    71-001391
Harengula jaguana
  Life History/General
    71-005654
  Population Studies
    71-005654
Harengula pensacolae
  Early Development
    71-001577
  Embryology
    71-001577
Harpagifer bispinis
  Spawning
    71-006241
    71-006242
Harpagiferidae
  Skeletal System
    71-001520
Harpodon nehereus
  Harvest
    71-013233
Harriotta raleighana
  Morphology
    71-001566
Helicolenus dactylopterus
  Heavy Metals
    71-010164
    71-010165
  Mercury
    71-010164
    71-010165
Helicolenus lengerichi
  Interniloculus chilensis
    71-009943
  Parasites/Diseases
    71-009943
  Trematodes
    71-009943
Helogeneidae
  New Species
    71-005025
Helogenes unidorsalis
  New Species
    71-005025
Helostoma temmincki
  Blood Chemistry
    71-004369
Helostomatidae
  Air Breathing
    71-001874
Hemerocoetes
  Taxonomy
    71-008711
Hemichromis bimaculatus
  Coloration
    71-005348
  Communication
    71-005347
    71-005348
  Nervous System
    71-001488
  Sound Production
    71-005347
  Territorial Behavior
    71-005005
Hemiculter leucisculus lucidus
  Foods/Feeding
    71-007096
Hemihaplochromis philander
  Endocrinology
    71-001905
  Pressure Effects
    71-002402
Hemilepidotinae
  Taxonomy
    71-008724
Hemilepidotus hemilepidotus
  Hemiuridae
    71-009753
  Parasites/Diseases
    71-009753
  Trematodes
    71-009753
Hemipristis elongatus
  Distribution/Geographical
    71-007704
Hemirhamphidae
  Morphology
    71-001439
Hemirhamphus balao
  Life History/General
    71-005495
Hemirhamphus brasiliensis
  Leeches
    71-009974
  Life History/General
    71-005495
  Malmiana philotherma
    71-009974
  Parasites/Diseases
    71-009974
Hemirhamphus gaimardi
  Distribution/Factors of
    71-006693
    71-008143
  Light
    71-008143

...CONTINUED...
Hemirhamphus gaimardi
  Salinity
    71-006693
    71-008143
Hemirhamphus xanthopterus
  Lernaeenicus hemirhamphi
    71-009829
  Parasites/Diseases
    71-009829
  Parasitic Copepods
    71-009829
Hemiscyllium plagiosum
  Metabolic Rates
    71-002419
  Osmoregulation
    71-002418
    71-002419
    71-004420
Hemitripterus americanus
  Early Development
    71-001561
  Heat Transfer
    71-004116
  Osmoregulation
    71-003199
Hephaestus epirrhinos
  New Species
    71-008840
Hepsetus odoe
  Age/Growth
    71-006006
  Mortality Rates
    71-006006
  Production
    71-006006
Herklotsichthys punctatus
  Condition Factors
    71-007552
  Length-Weight Relationships
    71-007552
Herotilapia multispinosa
  Brooding Behavior
    71-005382
  Sound Production
    71-006210
  Spawning
    71-006210
Hesperoleucus symmetricus
  Variation Studies
    71-004531
Heterandria formosa
  Hermaphroditism
    71-003888
  Reproductive System
    71-001920
    71-001922
  Skeletal System
    71-001918
Heterocarpus laevigatus
  Gill Parasites
    71-009492
  Parasites/Diseases
    71-009492
  Parasitic Copepods
    71-009492
  Pseudonicothoe branchialis
    71-009492
Heterodontus
  Fin Rays
    71-001747
Heterodontus francisci
  Blood Chemistry
    71-002116
    71-003632
  Distribution/Geographical
    71-006040
  Endocrinology
    71-003030
  Movements
    71-006040
  Osmoregulation
    71-003030
  Population Studies
    71-006040
  Temperature
    71-002116
    71-003030
    71-003632
Heterodontus mexicanus
  Distribution/Geographical
    71-006040
  Movements
    71-006040
  Population Studies
    71-006040
Heterodontus portusjacksoni
  Amino Acids
    71-002696
  Biochemical Composition
    71-002696
  Blood Chemistry
    71-002698
    71-003627
  Cardio-Vascular System
    71-002386
Heteropneustes
  Sexual Dimorphism
    71-001493
Heteropneustes fossilis
  Age/Growth
    71-000853
  Air Breathing
    71-002512
  Cadmium
    71-011309
  Cardio-Vascular System
    71-001981
  Culture/Propagation
    71-000411

...CONTINUED...

- Heteropneustes fossilis
  - Culture/Propagation
    - 71-000524
    - 71-000853
  - Cythion
    - 71-011371
    - 71-011372
  - Digestive System
    - 71-003924
  - Early Development
    - 71-004206
  - Embryology
    - 71-004206
  - Endocrinology
    - 71-003631
    - 71-004031
    - 71-004032
    - 71-004034
    - 71-004234
    - 71-004255
  - Enzymes
    - 71-003924
  - Fecundity
    - 71-006198
  - Feeding Experiments
    - 71-000853
  - Food Conversion Efficiency
    - 71-000853
  - Foods/Feeding
    - 71-006753
  - Gills
    - 71-001628
    - 71-001900
  - Heavy Metals
    - 71-010728
    - 71-010754
    - 71-011309
    - 71-011326
  - Hexadrin
    - 71-011371
    - 71-011372
  - Induced Maturation
    - 71-000411
    - 71-000523
    - 71-000524
  - Insecticides
    - 71-011371
    - 71-011372
  - Lead
    - 71-011326
  - Length-Weight Relationships
    - 71-007644
  - Mercury
    - 71-010728
  - Nervous System
    - 71-001476
  - Organophosphates
    - 71-011371
    - 71-011372
  - Photoperiodism
    - 71-004281
  - Reproduction
    - 71-004034
  - Salinity
    - 71-002127
  - Spawning
    - 71-004281
    - 71-006545
  - Specific Dynamic Action
    - 71-000853
  - Steroids
    - 71-004234
  - Taste Reception
    - 71-001697
  - Temperature
    - 71-004281
  - Thyroxine
    - 71-004031
- Hexagrammos decagrammus
  - Age/Growth
    - 71-005906
  - Mortality Rates
    - 71-005906
  - Population Studes
    - 71-005906
  - Temperature
    - 71-003742
- Hexagrammos otakii
  - Habitat Selection
    - 71-005121
- Hexagrammos stelleri
  - Age/Growth
    - 71-005906
  - Mortality Rates
    - 71-005906
  - Population Studies
    - 71-005906
  - Temperature
    - 71-003742
- Hildatia
  - Taxonomy
    - 71-008564
- Hildebrandia guppyi
  - Taxonomy
    - 71-008790
- Hilsa ilisha
  - Culture/Propagation
    - 71-000437
  - Endocrinology
    - 71-001501
  - Enzymes
    - 71-002573
  - Excretory System
    - 71-001499
  - Fry Production
    - 71-000437
  - Liver
    - 71-001500

...CONTINUED...

- Hilsa ilisha
  - Liver
    - 71-002573
  - Osmoregulation
    - 71-001499
  - Spawning
    - 71-006197
- Hilsa kelee
  - Foods/Feeding/Selectivity
    - 71-006789
  - Trophic Relationships
    - 71-006789
- Hilsa toli
  - Endocrinology
    - 71-001501
  - Enzymes
    - 71-002573
  - Excretory System
    - 71-001499
  - Liver
    - 71-001500
    - 71-002573
  - Osmoregulation
    - 71-001499
- Himantura schmardae
  - Cestodes
    - 71-009534
  - Parasites/Diseases
    - 71-009534
- Hiodon alosoides
  - Age/Growth
    - 71-006870
  - Aggressive Behavior
    - 71-005003
  - Distribution/Geographical
    - 71-008248
  - Foods/Feeding
    - 71-006870
  - Movements
    - 71-005952
  - Population Studies
    - 71-005952
  - Spawning
    - 71-005952
  - Vision
    - 71-002041
    - 71-002099
  - Year Class Strength
    - 71-005952
- Hiodon tergisus
  - Age/Growth
    - 71-007461
    - 71-007462
  - Fecundity
    - 71-006285
  - Foods/Feeding
    - 71-006929
    - 71-007461
  - Identification/Larvae
    - 71-008801
  - Morphology
    - 71-008801
  - Parasites/Diseases
    - 71-008945
  - Vision
    - 71-002041
    - 71-002099
- Hippichthys
  - Distribution/Geographical
    - 71-008540
  - Taxonomy
    - 71-008540
- Hippoglossoides
  - Harvest
    - 71-006694
  - Marking/Tagging
    - 71-006694
  - Movements
    - 71-006694
  - Variation Studies
    - 71-004612
- Hippoglossoides platessoides
  - Arsenic
    - 71-010979
  - Blood Chemistry
    - 71-004060
  - Endocrinology
    - 71-003641
    - 71-003642
  - Enzymes
    - 71-004059
  - Foods/Feeding
    - 71-007055
  - Heavy Metals
    - 71-010979
  - Hormones
    - 71-003641
    - 71-003642
  - Identification/Larvae
    - 71-008839
  - Life History/General
    - 71-005792
  - Management/Research--Marine
    - 71-005792
  - Skeletal System
    - 71-001550
- Hippoglossus hippoglossus
  - Biochemical Composition
    - 71-002667
  - Life History/General
    - 71-013269
  - Management/Research--Marine
    - 71-013269
  - Ubiquinones
    - 71-002667
- Hippoglossus stenolepis
  - Abundance
    - 71-006493

...CONTINUED...

- Hippoglossus stenolepis
  - Abundance
    - 71-007488
  - Age/Growth
    - 71-005988
    - 71-006493
    - 71-007488
    - 71-007629
  - Distribution/Geographical
    - 71-007733
  - Early Development
    - 71-001548
  - Fecundity
    - 71-006493
  - Fishing Gear
    - 71-012531
    - 71-012608
    - 71-012609
  - Harvest
    - 71-013215
    - 71-013216
    - 71-013263
    - 71-013312
  - Heavy Metals
    - 71-010172
  - Life History/General
    - 71-013224
  - Management/Research--Marine
    - 71-005988
    - 71-006710
    - 71-011842
    - 71-012274
    - 71-012531
    - 71-012608
    - 71-013215
    - 71-013216
    - 71-013222
    - 71-013223
    - 71-013224
    - 71-013312
  - Maturation
    - 71-006493
  - Mercury
    - 71-010172
  - Mortality Rates
    - 71-005988
  - Movements
    - 71-006710
  - Opecoelidae
    - 71-009753
  - Parasites/Diseases
    - 71-009753
  - Population Studies
    - 71-005912
    - 71-005913
    - 71-005988
    - 71-007733
  - Regulations
    - 71-012274
  - Trematodes
    - 71-009753
- Hippopotamyrus pictus
  - Spawning
    - 71-006200
- Histiobranchus
  - Movements
    - 71-006696
- Holacanthus passer
  - Foods/Feeding
    - 71-007200
- Holacanthus tricolor
  - Foods/Feeding
    - 71-007284
- Holanthias
  - Taxonomy
    - 71-008451
- Holocentridae
  - Activity Patterns
    - 71-005174
  - Distribution/Geographical
    - 71-007723
  - Early Development
    - 71-007723
- Hoplerythrinus
  - Air Breathing
    - 71-003067
  - Gills
    - 71-003067
  - Osmoregulation
    - 71-003065
  - Respiration
    - 71-003067
- Hoplerythrinus unitaeniatus
  - Air Breathing
    - 71-002374
    - 71-002607
    - 71-002678
    - 71-002693
    - 71-002749
    - 71-003301
    - 71-003802
    - 71-003857
    - 71-004055
    - 71-004114
    - 71-005000
  - Blood Chemistry
    - 71-003857
  - Cardio-Vascular System
    - 71-002678
  - Enzymes
    - 71-002693
  - Gills
    - 71-003802
  - Lactate Dehydrogenase
    - 71-002749
  - Osmoregulation
    - 71-002374

...CONTINUED...

- Hoplerythrinus unitaeniatus
  - Respiration
    - 71-002607
    - 71-002693
    - 71-002749
    - 71-003301
    - 71-003802
    - 71-003857
    - 71-004055
    - 71-004114
    - 71-005000
  - Swimbladder
    - 71-003301
- Hoplias
  - Gills
    - 71-003067
  - Osmoregulation
    - 71-003065
  - Respiration
    - 71-003067
- Hoplias malabaricus
  - Air Breathing
    - 71-002607
    - 71-002693
    - 71-002749
    - 71-003802
  - Enzymes
    - 71-002693
  - Gills
    - 71-003802
  - Lactate Dehydrogenase
    - 71-002749
  - Lipid Metabolism
    - 71-003743
  - Osmoregulation
    - 71-002374
  - Respiration
    - 71-002607
    - 71-002693
    - 71-002749
    - 71-003802
- Hoplosternum thoracatum
  - Air Breathing
    - 71-001623
    - 71-003300
  - Digestive System
    - 71-001623
  - Respiratory System
    - 71-001623
- Hoplostethus atlanticus
  - Lipid Composition
    - 71-002938
- Hoplostethus gilchristi
  - Lipid Composition
    - 71-003571
- Hoplostethus occidentalis
  - Distribution/Geographical
    - 71-007993
- Howella
  - Vision
    - 71-001422
- Hozukius guyotensis
  - New Species
    - 71-008473
- Hucho hucho
  - Culture/Propagation
    - 71-000210
  - Induced Maturation
    - 71-000210
- Hucho taimen
  - Life History/General
    - 71-005684
  - Morphology
    - 71-005684
- Huso dauricus
  - Blood Chemistry
    - 71-003316
  - Organ Weights
    - 71-001690
- Huso huso
  - Age/Length Composition
    - 71-006899
  - Culture/Propagation
    - 71-000396
    - 71-002686
  - Electrophoresis
    - 71-004044
  - Endocrinology
    - 71-003304
  - Foods/Feeding
    - 71-006899
  - Induced Maturation
    - 71-000396
    - 71-002686
  - Osmoregulation
    - 71-003304
    - 71-003306
  - Parasites/Diseases
    - 71-008902
  - Salinity
    - 71-003306
  - Trawls
    - 71-012561
- Hybognathus argyritis
  - Taxonomy
    - 71-008600
- Hybognathus hankinsoni
  - Distribution/Geographical
    - 71-007731
    - 71-007739
  - Ecology
    - 71-005543
  - Life History/General
    - 71-005543
- Hybognathus nuchalis
  - Age/Growth
    - 71-007397
  - Foods/Feeding
    - 71-007337
  - Pulp Mill Effluents
    - 71-007397

...CONTINUED...

- Hybognathus nuchalis
  - Pulp Mill Effluents
    - 71-010045
  - Sewage Effluents
    - 71-007397
    - 71-010045
  - Taxonomy
    - 71-008600
- Hybopsis aestivalis
  - Olfaction
    - 71-001438
- Hybopsis gelida
  - Distribution/Geographical
    - 71-005842
    - 71-007893
  - Life History/General
    - 71-005842
  - Status
    - 71-008148
- Hybopsis gracilis
  - Abundance/Factors of
    - 71-005735
  - Age/Growth
    - 71-005735
  - Life History/General
    - 71-005735
  - Spawning
    - 71-005735
- Hybopsis meeki
  - Distribution/Geographical
    - 71-007893
  - Status
    - 71-008148
- Hydrocynus vittatus
  - Blood Chemistry
    - 71-004277
  - Harvest
    - 71-012844
  - Population Studies
    - 71-012844
- Hydrolagus
  - Vision
    - 71-001745
- Hydrolagus colliei
  - Electroreception
    - 71-002694
  - Endocrinology
    - 71-002592
  - Excretory System
    - 71-003341
  - Organ Weights
    - 71-001844
  - Rectal Gland
    - 71-003341
  - Reproductive System
    - 71-002277
- Hygophum benoiti
  - Early Development
    - 71-001955
  - Morphology
    - 71-001508
- Hygophum hygomi
  - Morphology
    - 71-001508
- Hygophum macrochir
  - Early Development
    - 71-004015
- Hygophum proximum
  - Foods/Feeding
    - 71-006830
- Hypentelium
  - Electrophoresis
    - 71-004561
  - Genetics
    - 71-004561
- Hypentelium nigricans
  - Cestodes
    - 71-009989
  - Early Development
    - 71-001465
  - Isoglaridacris wisconsinensis
    - 71-009989
  - Lissorchis hypentelii
    - 71-009990
  - Parasites/Diseases
    - 71-009989
    - 71-009990
  - Temperature
    - 71-003298
  - Temperature Selection
    - 71-006717
  - Thermal Pollution
    - 71-006717
  - Trematodes
    - 71-009990
- Hyperoglyphe porosa
  - Foods/Feeding
    - 71-007346
- Hyperprosopon argenteum
  - Age/Growth
    - 71-007437
  - Swimming Performance
    - 71-004978
- Hyphessobrycon diancistrus
  - New Species
    - 71-008858
- Hyphessobrycon socolofi
  - New Species
    - 71-008859
- Hypleurochilus geminatus
  - Life History/General
    - 71-005711
- Hypoclydonia bella
  - Identification
    - 71-002008
  - Morphology
    - 71-002008
- Hypoglossina stomata
  - Early Development
    - 71-001989
- Hypomesus olidus
  - Abnormalities
    - 71-001641
  - Reproduction
    - 71-006438
  - Sound Production
    - 71-005249
  - Spawning
    - 71-006438
- Hypomesus pretiosus
  - Culture/Propagation
    - 71-000619
  - Incubation
    - 71-000619
  - Research Test Fish
    - 71-000619
- Hypophthalmichthys molitrix
  - Age/Growth
    - 71-000352
    - 71-007615
    - 71-007635
  - Anesthetics
    - 71-000958
  - Aquatic Plant Control
    - 71-000017
  - Bacterial Diseases
    - 71-009059
    - 71-009196
  - Blood Chemistry
    - 71-004145
  - Cage Culture
    - 71-000352
  - Chloramphenicol
    - 71-009196
  - Chromosome Numbers
    - 71-004700
  - Culture/Propagation
    - 71-000329
    - 71-000352
    - 71-000362
    - 71-000371
    - 71-000379
    - 71-000386
    - 71-000435
    - 71-000454
    - 71-000458
    - 71-000460
    - 71-000461
    - 71-000462
    - 71-000473
    - 71-000513
    - 71-000516
    - 71-007252
    - 71-012662
  - Digestive System
    - 71-003133
  - Distribution/Geographical
    - 71-007969
  - Eggs
    - 71-002087
  - Endocrinology
    - 71-002347
  - Fertilization/Soil and Water
    - 71-000329
    - 71-000435
    - 71-012662
  - Fish As Food
    - 71-013332
  - Foods/Feeding
    - 71-000352
    - 71-006997
    - 71-007051
    - 71-007252
    - 71-013122
  - Foods/Feeding/Selectivity
    - 71-007018
  - Gynogenesis
    - 71-004704
  - Hormones
    - 71-002346
    - 71-002347
  - Hybridization
    - 71-004843
  - Induced Maturation
    - 71-000343
    - 71-000516
  - Karyotypes
    - 71-004700
  - Malate Dehydrogenase
    - 71-002346
  - Management/Research--Reservoirs
    - 71-013122
  - Metabolic Rates
    - 71-003588
  - Morphology
    - 71-001958
  - MS-222
    - 71-000958
  - Mutagens
    - 71-004677
  - Nutrient Control
    - 71-013122
  - Parasites/Diseases
    - 71-009059
    - 71-009196
  - Polyculture
    - 71-000329
    - 71-000362
    - 71-000386
    - 71-000454
    - 71-000458
    - 71-000460
    - 71-000461
    - 71-000462

...CONTINUED...

- Hypophthalmichthys molitrix
  - Polyculture
    - 71-000473
    - 71-000513
    - 71-007252
  - Pond Culture
    - 71-000352
    - 71-000362
    - 71-000371
    - 71-000386
    - 71-000454
    - 71-000460
    - 71-000461
    - 71-000462
  - Predator/Prey Relationships
    - 71-000513
  - Proteus rettgeri
    - 71-009059
  - Reproductive System
    - 71-001532
    - 71-003319
  - Respiration
    - 71-004284
  - Salinity
    - 71-002434
  - Sewage Effluents
    - 71-000371
  - Sexual Dimorphism
    - 71-001959
  - Spawning
    - 71-006559
  - Stocking/Introductions
    - 71-012418
    - 71-013122
  - Transportation
    - 71-000958
  - Trophic Relationships
    - 71-007153
- Hypoplectrus
  - Hermaphroditism
    - 71-002192
  - Social Behavior
    - 71-002192
  - Spawning
    - 71-002192
- Hypoplectrus nigricans
  - Hermaphroditism
    - 71-006264
    - 71-006265
  - Spawning
    - 71-006264
    - 71-006265
  - Taxonomy
    - 71-006264
- Hypopomus artedi
  - Aggressive Behavior
    - 71-005450
- Hypopomus occidentalis
  - Electric Organs
    - 71-004885
  - Electroreception
    - 71-002959
- Hypseleotris compressus
  - Early Development
    - 71-006183
  - Spawning
    - 71-006183
- Hypsoblennius
  - Coloration
    - 71-005172
  - Social Behavior
    - 71-005172
- Hypsoblennius hentzi
  - Distribution/Geographical
    - 71-007871
  - Life History/General
    - 71-005526
- Hypsopsetta guttulata
  - Early Development
    - 71-001989
  - Foods/Feeding
    - 71-007056
  - Life History/General
    - 71-008001
- Hypsurus caryi
  - Embryology
    - 71-006192
  - Fecundity
    - 71-006192
  - Spawning
    - 71-006192
  - Swimming Performance
    - 71-004978
- Hysterocarpus traski
  - Age/Growth
    - 71-007406
  - Fecundity
    - 71-007406
- Iago omanensis
  - Distribution/Geographical
    - 71-007704
- Icelinus quadriceriatus
  - Spawning
    - 71-006286
- Ichthyocampus
  - Taxonomy
    - 71-008542
- Ichthyomyzon fossor
  - Distribution/Geographical
    - 71-007963
  - Nervous System
    - 71-003497
- Ichthyomyzon gagei
  - Life History/General
    - 71-005758
- Ichthyomyzon unicuspis
  - Distribution/Geographical
    - 71-008147
- Icichthys lockingtoni
  - Life History/General
    - 71-005652
- Ictaluridae
  - Cestodes
    - 71-009947
  - Corallotaenia minutia
    - 71-009947
  - Electrofishing
    - 71-012500
  - Fishing Gear
    - 71-012500
  - Genetics
    - 71-004651
  - Parasites/Diseases
    - 71-009947
- Ictalurus
  - Blood Chemistry
    - 71-004194
  - Electroreception
    - 71-003910
  - Ergasilus
    - 71-009866
  - Parasites/Diseases
    - 71-004194
    - 71-009866
  - Parasitic Copepods
    - 71-009866
- Ictalurus catus
  - Culture/Propagation
    - 71-000342
  - Distribution/Seasonal
    - 71-006667
  - Genetic Strains
    - 71-000342
  - Olfaction
    - 71-002389
  - Taste Reception
    - 71-002389
- Ictalurus furcatus
  - Age/Growth
    - 71-007451
  - CCVD
    - 71-009445
  - Condition Factors
    - 71-007451
  - Culture/Propagation
    - 71-000342
  - Distribution/Geographical
    - 71-008237
  - Foods/Feeding
    - 71-006817
  - Genetic Strains
    - 71-000342
  - Henneguya
    - 71-009333
  - Length-Weight Relationships
    - 71-007451
  - Life History/General
    - 71-013108
  - Management/Research--Reservoirs
    - 71-013108
  - Maturation
    - 71-007578
  - Nets/Netting
    - 71-012594
  - Parasites/Diseases
    - 71-009333
    - 71-009445
  - Protozoan Diseases
    - 71-009333
  - Put-and-Take
    - 71-012412
  - Stocking/Introductions
    - 71-012412
    - 71-013108
  - Viral Diseases
    - 71-009445
- Ictalurus furcatus X I. punctatus
  - Blood Chemistry
    - 71-002523
  - Culture/Propagation
    - 71-000549
  - Pond Culture
    - 71-000549
- Ictalurus melas
  - Age/Growth
    - 71-000483
    - 71-003222
    - 71-007512
    - 71-007512
  - Albinism
    - 71-001611
  - Antimycin
    - 71-011086
  - Cage/Growth
    - 71-007512
  - Chlorine
    - 71-010701
    - 71-011086
  - Culture/Propagation
    - 71-000483
  - Distribution/Geographical
    - 71-008269
  - Endocrinology
    - 71-003221
    - 71-003222
    - 71-003223
    - 71-007512
  - Foods/Feeding/Selectivity
    - 71-007048
    - 71-007199
  - Hormones
    - 71-003223
  - Life History/General
    - 71-005518

...CONTINUED...
Ictalurus melas
  Management/Research--Ponds
   71-013031
  Metabolic Rates
   71-005518
  Parasites/Diseases
   71-008910
  Pheromones
   71-003916
  Piscicides
   71-011086
  Population Studies
   71-005518
   71-013031
  Predator/Prey Relationships
   71-007048
  Salinity
   71-003222
   71-007512
   71-007512
  Sewage Effluents
   71-010701
  Temperature
   71-002498
   71-005518
  Temperature Selection
   71-005518
  Thermal Pollution
   71-008910
  Trophic Relationships
   71-013031
Ictalurus melas melas
  Heavy Metals
   71-011474
  Mercury
   71-011474
Ictalurus natalis
  Activity Patterns
   71-005319
   71-006695
  Culture/Propagation
   71-000443
  Pheromones
   71-003916
  Photoperiodism
   71-006695
  Temperature Selection
   71-005319
Ictalurus nebulosus
  Abnormalities
   71-002056
  Acid Mine Water
   71-011228
  Acoustico-Lateralis System
   71-003515
   71-003516
  Activity Patterns
   71-004956
   71-005234
  Antimycin
   71-011612
  Auditory Senses
   71-001648
  Cadmium
   71-010615
   71-010814
  CCVD
   71-009400
  Cestodes
   71-009948
  Chemoreception
   71-005335
  Corallotaenia minutia
   71-009948
  Culture/Propagation
   71-000443
  Dieldrin
   71-011057
  Diflubenzuron
   71-010711
  Distribution/Geographical
   71-008269
  Electroreception
   71-002208
   71-002312
   71-002313
  Foods/Feeding
   71-006956
   71-010711
  Heavy Metals
   71-010615
   71-010814
  Helminths
   71-009637
  Insect Juvenile Hormone Analogues
   71-010711
  Insecticides
   71-011057
  Marking/Tagging
   71-012321
  Olfaction
   71-002389
  Oxygen
   71-002354
  Parasites/Diseases
   71-009400
   71-009637
   71-009948
  Pheromones
   71-003916
  Piscicides
   71-011612
  Regeneration
   71-002794
  Respiration
   71-002354
  Sleep
   71-003198

...CONTINUED...
Ictalurus nebulosus
  Sound Production
   71-004986
   71-005339
  Taste Reception
   71-002389
   71-005308
  Temperature Selection
   71-004955
   71-005333
  Thermal Pollution
   71-005333
  Thermal Regulation
   71-004956
  Viral Diseases
   71-009400
Ictalurus platycephalus
  Cleidodiscus pricei
   71-009580
  Dieldrin
   71-011057
  Insecticides
   71-011057
  Life History/General
   71-005772
  Parasites/Diseases
   71-009580
  Trematodes
   71-009580
Ictalurus punctatus
  Acidosis
   71-003257
  Activity Patterns
   71-005303
  Aeration
   71-000391
  Aeromonas
   71-009087
  Aeromonas hydrophila
   71-009052
   71-009075
   71-009158
   71-009175
   71-009193
   71-009194
  Aeromonas liquefaciens
   71-009221
  Age/Growth
   71-007370
   71-007443
   71-007450
   71-007451
   71-007486
   71-007583
   71-007594
   71-007610
  Albinism
   71-011528
  Ammonia
   71-000543
   71-009087
   71-010709
   71-010710
   71-011273
   71-011286
   71-011291
   71-011460
   71-011462
  Ammonium Ethyl Carbamoylphosphonate
   71-010859
  Anesthetics
   71-011571
  Antimycin
   71-011086
  Aquatic Plant Control
   71-000534
  Aroclor
   71-010863
   71-010892
   71-011106
  Arsenic
   71-011305
  Auditory Senses
   71-001541
  Avian Frightening Agents
   71-011334
  Bacterial Diseases
   71-008956
   71-009052
   71-009075
   71-009087
   71-009100
   71-009102
   71-009113
   71-009119
   71-009158
   71-009175
   71-009193
   71-009194
   71-009221
  Bacterial Flora
   71-009218
  Bayer 73
   71-010601
  Biofiltration
   71-000332
   71-000428
  Blindness
   71-002935
  Blood
   71-001468
  Blood Chemistry
   71-002063
   71-002375
   71-002385
   71-002494
   71-002523
   71-003410
   71-003606

...CONTINUED...
Ictalurus punctatus
  Blood Chemistry
   71-004041
   71-004343
  Branding
   71-012311
   71-012334
  Cadmium
   71-011387
  Cage Culture
   71-000050
   71-000082
   71-000345
   71-000388
   71-000412
   71-000427
   71-000467
   71-000468
   71-000949
  Catchout Ponds
   71-013012
  CCVD
   71-008956
   71-009399
   71-009400
   71-009401
   71-009428
   71-009436
   71-009446
   71-009447
  Cell Culture
   71-009399
  Channelization
   71-007486
  Chinese Waterchestnuts
   71-000440
  Chlorinated Biphenyls
   71-010892
  Chlorinated Hydrocarbons
   71-010751
  Chlorine
   71-010697
   71-010876
   71-011086
   71-011090
   71-011290
   71-011291
  Chondrococcus columnaris
   71-008956
  Clomiphene Citrate
   71-000331
  Competition
   71-008363
  Condition Factors
   71-007256
   71-007450
   71-007451
  Copper
   71-011280
  Copper Sulfate
   71-011476
   71-011478
  Culture/Propagation
   71-000050
   71-000082
   71-000241
   71-000300
   71-000322
   71-000324
   71-000326
   71-000327
   71-000329
   71-000331
   71-000332
   71-000336
   71-000337
   71-000342
   71-000345
   71-000350
   71-000362
   71-000364
   71-000378
   71-000384
   71-000388
   71-000391
   71-000412
   71-000426
   71-000427
   71-000428
   71-000432
   71-000434
   71-000440
   71-000442
   71-000445
   71-000446
   71-000451
   71-000456
   71-000458
   71-000467
   71-000468
   71-000469
   71-000470
   71-000473
   71-000485
   71-000487
   71-000488
   71-000493
   71-000509
   71-000512
   71-000517
   71-000534
   71-000535
   71-000543
   71-000549
   71-000629
   71-000673
   71-000710

...CONTINUED...
Ictalurus punctatus
  Culture/Propagation
   71-000714
   71-000728
   71-000743
   71-000744
   71-000751
   71-000791
   71-000794
   71-000796
   71-000797
   71-000798
   71-000799
   71-000800
   71-000801
   71-000821
   71-000851
   71-000852
   71-000864
   71-000949
   71-000950
   71-004596
   71-007194
   71-007344
   71-009087
   71-010043
   71-011478
  DDT
   71-011257
  Defoliants
   71-010995
  Dieldrin
   71-010661
   71-011057
   71-011358
  Diets
   71-000796
  Digestive System
   71-001964
   71-002044
   71-003726
  Distribution/Seasonal
   71-006667
  Distribution/Vertical
   71-006669
  Economics
   71-000378
   71-000535
  Edwardsiella
   71-009113
  Edwardsiella tarda
   71-009119
  Egg Size
   71-007594
  Electrophoresis
   71-004647
   71-004849
  Electroshock
   71-002496
  Endocrinology
   71-002707
   71-002708
   71-004255
  Endrin
   71-010937
   71-011257
  Enteric Septicemia of Catfish
   71-009113
  Enzymes
   71-003511
  Epistylis
   71-009304
  Feeders
   71-000751
  Feeding Experiments
   71-000442
   71-000535
   71-000673
   71-000710
   71-000714
   71-000728
   71-000743
   71-000744
   71-000751
   71-000791
   71-000794
   71-000796
   71-000797
   71-000798
   71-000799
   71-000800
   71-000801
   71-000821
   71-000851
   71-000852
   71-000864
   71-000949
   71-000950
  Feeds
   71-000864
  Fertilization/Soil and Water
   71-000329
  Fingerling Production
   71-000456
   71-000517
  Fish as Food
   71-013346
  Fish Flavoring
   71-013342
   71-013343
  Fish Hatchery Effluents
   71-000364
   71-000493
   71-000535
   71-010043
  Flexibacter columnaris
   71-009193

...CONTINUED...
- Ictalurus punctatus
  - Flexibacter columnaris
    - 71-009194
  - Foods/Feeding
    - 71-005303
    - 71-006817
    - 71-007063
    - 71-007194
    - 71-007256
    - 71-007344
    - 71-012985
  - Foods/Feeding/Selectivity
    - 71-006951
  - Fry Production
    - 71-000451
  - Furanace
    - 71-009158
    - 71-011153
  - Gamete Storage
    - 71-000384
  - Gas Bubble Disease
    - 71-009720
  - Genetic Strains
    - 71-000326
    - 71-000342
  - Growth Stimulants
    - 71-000469
  - Harvest
    - 71-013038
  - Heated Water
    - 71-000345
    - 71-000468
    - 71-000493
  - Heavy Metals
    - 71-010033
    - 71-010977
    - 71-010978
    - 71-011280
    - 71-011305
    - 71-011387
    - 71-011528
  - Henneguya
    - 71-009333
    - 71-009367
  - Henneguya adiposa
    - 71-009266
  - Henneguya exilis
    - 71-009264
    - 71-009265
    - 71-009267
    - 71-009268
    - 71-009363
  - Herbicides
    - 71-010565
    - 71-010859
    - 71-011476
    - 71-011478
  - Hormones
    - 71-002708
  - Hydraulic Fluids
    - 71-011182
  - Hydroponics
    - 71-000428
  - Hypoxia
    - 71-003257
    - 71-003984
  - Ichthyophthirius multifiliis
    - 71-009248
  - Imidan
    - 71-010961
  - Immune Response
    - 71-008956
    - 71-009102
    - 71-009447
  - Immunization
    - 71-009193
  - Induced Maturation
    - 71-000331
  - Insect Control
    - 71-000442
  - Insecticides
    - 71-010661
    - 71-010937
    - 71-010961
    - 71-011057
    - 71-011257
    - 71-011261
    - 71-011358
  - Invertebrate Collection/Ponds
    - 71-000446
  - Krenite
    - 71-010859
  - Length-Weight Relationships
    - 71-007451
  - Lipid Metabolism
    - 71-000950
  - Liver
    - 71-001613
  - Malachite Green
    - 71-010838
  - Malate Dehydrogenase
    - 71-004439
  - Management/Research--Ponds
    - 71-000446
    - 71-008363
    - 71-013012
    - 71-013038
  - Mercury
    - 71-010033
    - 71-010977
    - 71-010978
  - Metabolism
    - 71-004132
  - Mine Effluents
    - 71-010949
  - Morphology
    - 71-001589

...CONTINUED...
- Ictalurus punctatus
  - Movements
    - 71-005303
    - 71-006609
    - 71-006671
  - MSMA
    - 71-010565
  - Myxosporida
    - 71-009265
  - Nervous System
    - 71-003276
  - Nests/Netting
    - 71-012594
  - Nitrite
    - 71-004224
    - 71-011459
    - 71-011461
  - Nutrient Removal
    - 71-000440
  - Nutrient Requirements
    - 71-000797
    - 71-000799
    - 71-000821
  - Oil
    - 71-011335
  - Olfaction
    - 71-001654
    - 71-002389
    - 71-004932
  - Osmoregulation
    - 71-002268
    - 71-002524
    - 71-002843
    - 71-003017
    - 71-003663
    - 71-003882
  - Oxygen
    - 71-000324
    - 71-002391
  - Parasites/Diseases
    - 71-003257
    - 71-008903
    - 71-008928
    - 71-008948
    - 71-008956
    - 71-009052
    - 71-009075
    - 71-009087
    - 71-009100
    - 71-009102
    - 71-009113
    - 71-009119
    - 71-009158
    - 71-009175
    - 71-009193
    - 71-009194
    - 71-009221
    - 71-009248
    - 71-009264
    - 71-009265
    - 71-009266
    - 71-009267
    - 71-009268
    - 71-009304
    - 71-009333
    - 71-009363
    - 71-009367
    - 71-009399
    - 71-009400
    - 71-009401
    - 71-009428
    - 71-009436
    - 71-009446
    - 71-009447
    - 71-009720
  - Permethrin
    - 71-011261
  - Pesticides
    - 71-010751
  - pH
    - 71-011460
    - 71-011485
  - Phenols
    - 71-011378
  - Phenotypic Correlation
    - 71-001528
  - Pheromones
    - 71-003548
    - 71-003916
  - Phosphate
    - 71-004132
    - 71-011433
  - Phosphate Esters
    - 71-011182
  - Piscicides
    - 71-010601
    - 71-011086
    - 71-011133
    - 71-011571
    - 71-011599
    - 71-011600
  - Pollution Avoidance
    - 71-010697
  - Polychlorinated Biphenyls
    - 71-010863
    - 71-010990
    - 71-011050
    - 71-011106
  - Polyculture
    - 71-000300
    - 71-000329
    - 71-000362
    - 71-000412
    - 71-000458
    - 71-000470
    - 71-000473
    - 71-000629
    - 71-007344

...CONTINUED...
- Ictalurus punctatus
  - Pond Culture
    - 71-000241
    - 71-000322
    - 71-000324
    - 71-000362
    - 71-000391
    - 71-000432
    - 71-000440
    - 71-000442
    - 71-000487
    - 71-000488
    - 71-000512
    - 71-000534
    - 71-000535
    - 71-000549
    - 71-000629
    - 71-011478
  - Pounce
    - 71-011261
  - Power Plant Effluents
    - 71-010079
    - 71-010697
    - 71-011090
  - Production
    - 71-000535
  - Protozoan Diseases
    - 71-009248
    - 71-009264
    - 71-009265
    - 71-009266
    - 71-009267
    - 71-009268
    - 71-009304
    - 71-009333
    - 71-009363
    - 71-009367
  - Put-and-Take
    - 71-012412
  - Quinaldine
    - 71-011571
  - Raceway Culture
    - 71-000300
    - 71-000456
  - Radionuclides
    - 71-010076
  - Recirculating Systems
    - 71-000327
    - 71-000332
    - 71-000428
    - 71-000434
    - 71-000543
  - Reproductive System
    - 71-003150
  - Respiratory System
    - 71-003017
  - Salinity
    - 71-002843
    - 71-010733
  - Salmonella
    - 71-013331
  - Salt
    - 71-000821
  - Season
    - 71-003511
  - Selective Breeding
    - 71-000509
    - 71-004596
  - Sex Determination
    - 71-013399
  - Simazine
    - 71-011476
    - 71-011478
  - Solvents
    - 71-010751
  - Spawning Tanks
    - 71-000337
  - Sperm
    - 71-001646
    - 71-002869
  - Steroids
    - 71-000469
  - Stocking/Introductions
    - 71-012412
    - 71-013038
  - Stress
    - 71-003606
    - 71-004134
  - Supplemental Feeding
    - 71-013034
  - Tank Culture
    - 71-000336
    - 71-000451
  - Taste and Odor Problems
    - 71-013342
    - 71-013343
  - Taste Reception
    - 71-002388
    - 71-002389
    - 71-004506
    - 71-004932
    - 71-005170
  - Temperature
    - 71-002268
    - 71-002524
    - 71-004134
    - 71-004439
  - Temperature Selection
    - 71-004944
    - 71-006717
  - TFM
    - 71-010601
    - 71-011571
  - Thermal Pollution
    - 71-006717
    - 71-007256
    - 71-010440

...CONTINUED...
- Ictalurus punctatus
  - Thidiazuron
    - 71-010995
  - Toxaphene
    - 71-011133
    - 71-011257
    - 71-011599
    - 71-011600
  - Variation Studies
    - 71-004596
    - 71-004795
    - 71-004849
  - Viral Diseases
    - 71-008956
    - 71-009399
    - 71-009400
    - 71-009401
    - 71-009428
    - 71-009436
    - 71-009446
    - 71-009447
  - Vitamins
    - 71-000791
    - 71-000794
    - 71-000797
  - 4-aminopyridine
    - 71-011334
- Ictalurus serracanthus
  - Olfaction
    - 71-002389
  - Taste Reception
    - 71-002389
- Ictiobus
  - Culture/Propagation
    - 71-000470
    - 71-000473
  - Polyculture
    - 71-000470
    - 71-000473
- Ictiobus bubalis
  - Alimentary Tract
    - 71-002031
- Ictiobus bubalus
  - Abnormalities
    - 71-001600
  - Age/Growth
    - 71-007486
  - Channelization
    - 71-007486
  - Early Development
    - 71-005656
  - Life History/General
    - 71-005655
    - 71-005656
  - Population Studies
    - 71-005655
  - Production
    - 71-005999
  - Water Level Fluctuations
    - 71-006157
  - Year Class Strength
    - 71-006157
- Ictiobus cyprinellus
  - Age/Growth
    - 71-007486
  - Alimentary Tract
    - 71-002037
  - Channelization
    - 71-007486
  - Spawning
    - 71-006457
  - Water Level Fluctuations
    - 71-006157
  - Year Class Strength
    - 71-006157
- Ictiobus cyprinellus X I. niger
  - Culture/Propagation
    - 71-000300
    - 71-007344
  - Foods/Feeding
    - 71-007344
  - Polyculture
    - 71-000300
    - 71-007344
  - Raceway Culture
    - 71-000300
- Ictiobus niger
  - Alimentary Tract
    - 71-002032
  - Spawning
    - 71-006457
- Idiacanthidae
  - Distribution/Geographical
    - 71-007725
- Idiastion
  - Taxonomy
    - 71-008452
- Idus idus
  - Enzymes
    - 71-002329
  - Maturation
    - 71-006216
  - Temperature
    - 71-002201
    - 71-002329
- Ilisha
  - Identification
    - 71-008778
  - Taxonomy
    - 71-008778
- Ilisha sirishae
  - New Species
    - 71-008777
- Ilypnus gilberti
  - Habitat Selection
    - 71-005509
  - Life History/General
    - 71-005509

- Istiophoridae
  - Distribution/Geographical
    - 71-005611
  - Early Development
    - 71-005611
  - Foods/Feeding
    - 71-007070
  - Identification/Larvae
    - 71-005611
  - Life History/General
    - 71-005611
  - Management/Research--Marine
    - 71-013229
- Istiophorus platypterus
  - Hooking Mortality
    - 71-013228
  - Life History/General
    - 71-005669
    - 71-005670
  - Management/Research--Marine
    - 71-005669
    - 71-005670
- Isurus glaucus
  - Distribution/Geographical
    - 71-007889
- Isurus oxyrinchus
  - Distribution/Geographical
    - 71-007697
  - Endocrinology
    - 71-003031
- Isurus paucus
  - Distribution/Geographical
    - 71-007824
- Jenkinsia lamprotaenia
  - Distribution/Vertical
    - 71-001892
  - Morphology
    - 71-001892
  - Schooling Behavior
    - 71-005300
- Jenynsia lineata
  - Enzymes
    - 71-004204
  - Steroids
    - 71-004204
- Johnieops sina
  - Morphology
    - 71-001647
- Jordanella floridae
  - Cadmium
    - 71-011408
    - 71-011409
    - 71-011411
  - Copper Sulfate
    - 71-010803
  - Diazinon
    - 71-010564
  - Dodecyl Sodium Sulfate
    - 71-010803
  - Endrin
    - 71-010888
  - Heavy Metals
    - 71-011408
    - 71-011409
    - 71-011411
  - Insecticides
    - 71-010564
    - 71-010888
  - Malathion
    - 71-010888
  - Oil
    - 71-010878
  - pH
    - 71-011298
    - 71-011299
  - Phenols
    - 71-010803
  - Picloram
    - 71-010803
  - Sodium Pentachlorophenate
    - 71-010803
  - Zinc
    - 71-011408
    - 71-011409
    - 71-011411
- Kareius bicoloratus
  - Movements
    - 71-006730
- Katsuwonus
  - Thermal Regulation
    - 71-002585
- Katsuwonus pelamis
  - Abundance/Factors of
    - 71-013321
    - 71-013322
  - Age/Length Composition
    - 71-013303
  - Baits/Baiting
    - 71-012604
  - Blood Chemistry
    - 71-002137
  - Body Temperature
    - 71-002876
  - Catch per Unit Effort
    - 71-013321
    - 71-013322
  - Commercial Fishing
    - 71-013298
    - 71-013302
  - Distribution/Geographical
    - 71-008034
  - Enzymes
    - 71-002102
    - 71-002103
    - 71-002104
    - 71-002876
    - 71-003401

...CONTINUED...

- Katsuwonus pelamis
  - Exercise
    - 71-002319
  - Habitat Selection
    - 71-004886
    - 71-005042
  - Harvest
    - 71-013321
    - 71-013322
  - Management/Research--Marine
    - 71-012726
    - 71-013190
    - 71-013298
    - 71-013302
  - Metabolic Rates
    - 71-002320
  - Movements
    - 71-008034
  - Musculature
    - 71-002319
  - Nets/Netting
    - 71-012547
  - Oxygen
    - 71-002586
    - 71-004886
  - Population Studies
    - 71-006047
  - Salinity
    - 71-002586
  - Schooling Behavior
    - 71-005110
  - Swimming Performance
    - 71-002319
    - 71-002586
  - Temperature
    - 71-002587
    - 71-004886
  - Thermal Regulation
    - 71-002876
- Klausewitzia aphanes
  - New Species
    - 71-008860
- Knipowitschia georghievi
  - New Species
    - 71-008734
- Knipowitschia panizzai
  - Distribution/Geographical
    - 71-007750
- Kryptophanaron alfredi
  - Taxonomy
    - 71-008520
- Kryptophaneron harveyi
  - New Species
    - 71-008765
- Kryptopterus
  - Electroreception
    - 71-003910
- Kryptopterus bicirrhis
  - Auditory Senses
    - 71-001648
- Labeo
  - Hybridization
    - 71-004567
- Labeo bata
  - Age/Growth
    - 71-006824
  - Hematozoa
    - 71-009306
  - Musculature
    - 71-003609
  - Parasites/Diseases
    - 71-009306
  - Protozoan Diseases
    - 71-009306
  - Trypanosomes
    - 71-009306
- Labeo calbasu
  - Age/Growth
    - 71-007459
  - Condition Factors
    - 71-005783
  - Culture/Propagation
    - 71-000319
  - Foods/Feeding
    - 71-005783
  - Induced Maturation
    - 71-000319
  - Length-Weight Relationships
    - 71-005783
  - Metabolic Rates
    - 71-002616
  - Oxygen
    - 71-002616
  - Spawning
    - 71-006244
- Labeo capensis
  - Blood Chemistry
    - 71-002932
    - 71-002933
    - 71-004278
  - Carbon Dioxide
    - 71-002933
  - Sodium Chloride
    - 71-000957
  - Stress
    - 71-002932
    - 71-002933
  - Surface Area
    - 71-001606
  - Transportation
    - 71-000957
- Labeo fimbriatus
  - Age/Growth
    - 71-007590
  - Fecundity
    - 71-007590
  - Foods/Feeding
    - 71-006848
  - Maturation
    - 71-007590
- Labeo gonius
  - Life History/General
    - 71-005781
- Labeo niloticus
  - Alimentary Tract
    - 71-001657
- Labeo rohita
  - Age/Growth
    - 71-007473
  - Bacterial Diseases
    - 71-009172
  - Blood Chemistry
    - 71-002174
    - 71-004025
  - Chlordane
    - 71-010584
    - 71-010585
    - 71-011494
  - Culture/Propagation
    - 71-000318
    - 71-000319
    - 71-000366
    - 71-000379
    - 71-000406
    - 71-000409
    - 71-000498
    - 71-000704
    - 71-001046
    - 71-012661
    - 71-012663
  - Endocrinology
    - 71-003034
  - Endosulfan
    - 71-011269
  - Feeding Experiments
    - 71-000704
  - Feeds
    - 71-000704
  - Fertilization/Soil and Water
    - 71-000498
    - 71-012663
  - Fin Rot
    - 71-009172
  - Foods/Feeding
    - 71-006861
  - Gamete Storage
    - 71-001046
  - Induced Maturation
    - 71-000318
    - 71-000319
    - 71-000343
  - Insecticides
    - 71-010584
    - 71-010585
    - 71-011494
  - Mortality Factors
    - 71-000366
  - Musculature
    - 71-003609
  - Myxobolus
    - 71-009361
  - Nervous System
    - 71-001476
  - Nutrition
    - 71-000772
  - Parasites/Diseases
    - 71-009172
    - 71-009361
  - Pesticides
    - 71-011269
  - Polyculture
    - 71-012663
  - Pond Culture
    - 71-000406
    - 71-000498
    - 71-012661
    - 71-012663
  - Protozoan Diseases
    - 71-009361
  - Recirculating Systems
    - 71-000406
  - Salinity
    - 71-002804
  - Spawning
    - 71-006244
    - 71-006344
  - Thiodan
    - 71-011269
  - Vitamins
    - 71-000772
- Labeo senegalensis
  - Age/Growth
    - 71-007389
- Labeo umbratus
  - Blood Chemistry
    - 71-004278
    - 71-004279
  - Surface Area
    - 71-001606
- Labidesthes sicculus
  - Early Development
    - 71-001904
  - Embryology
    - 71-001904
  - Foods/Feeding
    - 71-001094
  - Heavy Metals
    - 71-010819
  - Trace Metals
    - 71-010819
- Labridae
  - Distribution/Geographical
    - 71-008193
    - 71-008194
    - 71-008784
  - Ecology
    - 71-008193

...CONTINUED...

- Labridae
  - Fish Lists/Keys
    - 71-008192
    - 71-008594
  - Foods/Feeding
    - 71-006875
    - 71-006876
  - Hermaphroditism
    - 71-002580
  - Identification
    - 71-008784
  - Morphology
    - 71-008193
    - 71-008194
  - Predator/Prey Relationships
    - 71-006876
  - Reproduction
    - 71-002583
  - Taxonomy
    - 71-008192
    - 71-008593
- Labrinae
  - Mouth Parts
    - 71-002019
    - 71-002020
    - 71-002022
- Labroides phthirophagus
  - Predator/Prey Relationships
    - 71-007071
- Labrus bergylta
  - Age/Growth
    - 71-007431
  - Foods/Feeding
    - 71-007431
- Lactarius lactarius
  - Age/Growth
    - 71-007533
    - 71-007591
  - Distribution/Geographical
    - 71-007964
  - Distribution/Seasonal
    - 71-007964
  - Movements
    - 71-007964
- Lagodon rhomboides
  - BHC
    - 71-011340
  - Bioenergetics
    - 71-006749
  - Embryology
    - 71-003965
  - Enzymes
    - 71-003035
  - Flow Regimes
    - 71-005349
  - Foods/Feeding
    - 71-006749
    - 71-006821
    - 71-006822
    - 71-007035
    - 71-007267
  - Fungicides
    - 71-011218
  - Habitat Selection
    - 71-005894
  - Hexachlorobenzene
    - 71-011218
  - Insecticides
    - 71-011340
    - 71-011447
  - Lindane
    - 71-011340
  - Metabolic Rates
    - 71-004141
  - Mirex
    - 71-011447
  - Osmoregulation
    - 71-002392
    - 71-003035
  - Piscicides
    - 71-011610
  - Production
    - 71-005893
  - Pulp Mill Effluents
    - 71-011042
  - Swimming Performance
    - 71-005080
    - 71-005349
  - Temperature
    - 71-005349
  - Toxaphene
    - 71-011610
- Lamontichthys
  - Taxonomy
    - 71-008632
- Lamontichthys stibaros
  - New Species
    - 71-008632
- Lampanyctodes
  - Taxonomy
    - 71-007684
- Lampanyctodes hectoris
  - Distribution/Geographical
    - 71-007684
  - Early Development
    - 71-007684
  - Spawning
    - 71-006476
- Lampanyctus niger
  - Foods/Feeding
    - 71-006830
- Lampanyctus nobilis
  - Foods/Feeding
    - 71-006830
- Lampanyctus steinbecki
  - Foods/Feeding
    - 71-006830
- Lampetra
  - Distribution/Geographical
    - 71-005674

...CONTINUED...
Lampetra
  Integument
    71-001705
  Life History/General
    71-005674
  Skein Cells
    71-001705
  Taxonomy
    71-005674
    71-008849
  Variation Studies
    71-005674
Lampetra aepyptera
  Distribution/Geographical
    71-007906
  Fecundity
    71-006315
  Sex Ratios
    71-006315
Lampetra fluviatilis
  Activity Patterns
    71-006517
  Blood Chemistry
    71-002257
    71-003762
    71-003764
    71-003829
  Cardio-Vascular System
    71-003763
  Endocrinology
    71-002217
    71-003368
    71-003597
    71-004505
  Enzymes
    71-003955
  Excretory System
    71-003425
    71-003572
  Foods/Feeding
    71-007131
  Gills
    71-001877
  Integument
    71-001722
  Lipid Content
    71-007131
  Metabolic Rates
    71-002445
  Metamorphosis
    71-002255
    71-003411
    71-003762
  Morphology
    71-002256
  Musculature
    71-001659
    71-003202
  Nervous System
    71-001619
    71-003202
  Osmoregulation
    71-003425
  Parasites/Diseases
    71-009672
  Spawning
    71-006517
  Spawning Migration
    71-006167
  Temperature
    71-006517
  Tumors
    71-009672
  Vision
    71-001525
Lampetra japonica
  Spawning
    71-006489
Lampetra japonica kessleri
  Morphology
    71-004753
  Variation Studies
    71-004753
Lampetra lamottei
  Distribution/Geographical
    71-007906
  Life History/General
    71-005809
  Nematodes
    71-009879
    71-009880
  Nervous System
    71-003497
  Parasites/Diseases
    71-009879
    71-009880
  Truttaedacnitis stelmioides
    71-009879
    71-009880
Lampetra planeri
  Age/Growth
    71-007366
  Blood Chemistry
    71-003762
    71-003829
  Foods/Feeding
    71-007130
    71-007131
    71-007366
  Habitat Selection
    71-005181
  Integument
    71-001722
  Lipid Content
    71-007131
  Mast Cells
    71-001839
  Metamorphosis
    71-002255

...CONTINUED...
Lampetra planeri
  Metamorphosis
    71-003411
    71-003762
  Pineal Body
    71-003533
    71-003534
  Population Studies
    71-006072
  Spawning Migration
    71-006398
Lampetra plaveri
  Morphology
    71-002256
Lampetra richardsoni
  Endocrinology
    71-002487
    71-002488
    71-003917
  Hormones
    71-002488
    71-003508
  Osmoregulation
    71-003508
Lampris guttatus
  Locomotion
    71-005343
  Taxonomy
    71-008719
Lampris regius
  Taxonomy
    71-008719
Lanostigma atlanticum
  Spawning
    71-006400
Larimus fasciatus
  Identification/Larvae
    71-008744
Lateolabrax japonicus
  Mouth Parts
    71-001956
Lates
  Abundance/Factors of
    71-012467
  Stocking/Introductions
    71-012455
    71-012467
  Temperature
    71-012467
Lates angustifrons
  Life History/General
    71-005546
  Management/Research--Lakes
    71-005546
Lates calcarifer
  Hermaphroditism
    71-003568
  Life History/General
    71-005784
  Parasites/Diseases
    71-009513
  Trematodes
    71-009513
Lates mariae
  Life History/General
    71-005546
  Management/Research--Lakes
    71-005546
Lates microlepis
  Life History/General
    71-005546
  Management/Research--Lakes
    71-005546
Lates niloticus
  Age/Growth
    71-008378
  Mortality Rates
    71-008378
Latimeria chalumnae
  Biochemical Composition
    71-002859
    71-003423
  Corticosteroids
    71-004232
  Dentition
    71-001972
  Endocrinology
    71-002948
    71-003423
    71-004232
  Foods/Feeding
    71-001708
  Gills
    71-001631
  Life History/General
    71-003423
    71-005739
  Morphology
    71-001392
    71-001393
    71-008673
  Mouth Parts
    71-001708
  Nervous System
    71-001838
  Osmoregulation
    71-002859
    71-002860
  Physiology
    71-005739
  Pineal Body
    71-003423
  Scales
    71-001575
  Taxonomy
    71-008569
    71-008673

...CONTINUED...
Latimeria chalumnae
  Taxonomy
    71-008865
Lavinia exilicauda
  Variation Studies
    71-004531
Leiognathus
  Foods/Feeding
    71-007285
Leiognathus brevirostris
  Harvest
    71-013324
Leiognathus jonesi
  Harvest
    71-013324
Leionura atun
  Age/Growth
    71-007465
Leiostomus xanthurus
  Biocides
    71-011046
  Cadmium
    71-010873
  Chlorine
    71-011045
    71-011046
    71-011047
    71-011146
  Distribution/Factors of
    71-008223
  Distribution/Seasonal
    71-006667
  Early Development
    71-001558
  Flow Regimes
    71-005349
  Foods/Feeding
    71-007035
  Heavy Metals
    71-010873
  Insecticides
    71-010580
    71-011341
  Kepone
    71-010580
    71-011341
  Life History/General
    71-005689
    71-005767
  Metabolic Rates
    71-004141
  Pentron D-90
    71-010667
  Population Studies
    71-005689
  Power Plant Effluents
    71-010667
    71-011045
    71-011046
    71~011047
    71-011146
  Predator/Prey Relationships
    71-007310
    71-007312
  Respiration
    71-002355
  Sediment Bioassays
    71-011473
  Swimming Performance
    71-005080
    71-005349
  Temperature
    71-002355
    71-005349
    71-008223
  Thermal Pollution
    71-002918
  Thermal Shock
    71-002918
  Treatment Plant Effluents
    71-011146
  Trophic Relationships
    71-007231
Lepadogaster decandollei
  Early Development
    71-006343
  Embryology
    71-006343
  Spawning
    71-006343
Lepadogaster lepadogaster lepadogaster
  Early Development
    71-006343
  Embryology
    71-006343
  Spawning
    71-006343
Lepidocephalus guntea
  Blood Chemistry
    71-004446
Lepidocephalus thermalis
  Age/Growth
    71-003325
  Biochemical Composition
    71-003325
  Food Conversion Efficiency
    71-003325
  Sexual Dimorphism
    71-001698
Lepidogobius lepidus
  Aggressive Behavior
    71-005045
  Burrowing Behavior
    71-005046
  Foods/Feeding
    71-006953
Lepidopsetta bilineata
  Aromatic Hydrocarbons
    71-011491

...CONTINUED...
Lepidopsetta bilineata
  Foods/Feeding
    71-007047
  Naphthalene
    71-011491
  Parasites/Diseases
    71-008984
  Sampling
    71-013425
  Tumors
    71-008984
Lepidopsetta bilineata bilineata
  Distribution/Factors of
    71-008198
  Management/Research--Marine
    71-008198
  Movements
    71-008198
Lepidopus caudatus
  Cardio-Vascular System
    71-002814
  Reproductive System
    71-001509
  Taxonomy
    71-004716
  Variation Studies
    71-004716
Lepidosiren paradoxa
  Air Breathing
    71-002196
    71-003005
  Blood Chemistry
    71-002196
    71-003119
    71-003241
  Endocrinology
    71-003732
  Metabolism
    71-003240
  Osmoregulation
    71-003732
  Pituitary
    71-001601
  Respiration
    71-003005
  Temperature
    71-003788
  Thermal Regulation
    71-003788
Lepidotrigla
  Distribution/Geographical
    71-008150
  Taxonomy
    71-008755
Lepisosteidae
  Gills
    71-001704
  Respiratory System
    71-001704
  Taxonomy
    71-008864
  Zoogeography
    71-008864
Lepisosteus
  Mouth Parts
    71-001709
  Paleontology
    71-008862
Lepisosteus oculatus
  Blood Chemistry
    71-003775
  Foods/Feeding
    71-007058
  Respiratory System
    71-003775
Lepisosteus osseus
  Air Breathing
    71-003933
  Coloration
    71-002067
  Foods/Feeding
    71-007173
  Light
    71-003933
  Temperature
    71-003933
Lepisosteus osseus oxyurus
  Vision
    71-004039
Lepisosteus platostomus
  Abnormalities
    71-001599
  Air Breathing
    71-003934
  Light
    71-003934
  Temperature
    71-003934
Lepisosteus platyrhincus
  Blood Chemistry
    71-003524
Lepisosteus spatula
  Spawning
    71-006410
Lepomis
  Age/Growth
    71-007595
    71-007643
  Chemical Reclamation
    71-012290
  Competition
    71-005445
    71-013011
  Condition Factors
    71-007595
  Electrophoresis
    71-004564

...CONTINUED...

- Lepomis
  - Electrophoresis
    - 71-004785
  - Fertilization/Soil and Water
    - 71-012654
  - Fish Control/Removal
    - 71-012290
  - Foods/Feeding
    - 71-007275
  - Foods/Feeding/Selectivity
    - 71-007334
  - Habitat Selection
    - 71-005445
  - Hybridization
    - 71-004564
  - Larval Behavior
    - 71-005695
  - Life History/General
    - 71-005695
  - Management/Research--Ponds
    - 71-012654
  - Maturation
    - 71-007595
  - Nervous System
    - 71-002564
  - Reproduction
    - 71-002564
    - 71-006297
  - Spawning
    - 71-006297
  - Temperature Selection
    - 71-005083
  - Trophic Relationships
    - 71-007334
- Lepomis auritus
  - Competition
    - 71-006838
  - Condition Factors
    - 71-010258
  - Dieldrin
    - 71-011057
  - Early Development
    - 71-001464
  - Foods/Feeding
    - 71-006838
    - 71-010258
  - Harvest
    - 71-006636
  - Insecticides
    - 71-011057
  - Life History/General
    - 71-005488
    - 71-005817
  - Movements
    - 71-006636
  - Thermal Pollution
    - 71-010015
    - 71-010258
- Lepomis cyanellus
  - Age/Growth
    - 71-006911
    - 71-007333
  - Arsenic
    - 71-011404
    - 71-011405
    - 71-011406
  - Coloration
    - 71-004591
  - Competition
    - 71-007333
  - Distribution/Geographical
    - 71-008104
  - Early Development
    - 71-008822
  - Electrophoresis
    - 71-004565
    - 71-004857
  - Electroshock
    - 71-002206
  - Enzymes
    - 71-003226
  - Foods/Feeding
    - 71-007088
    - 71-007102
    - 71-007212
    - 71-007333
  - Foods/Feeding/Selectivity
    - 71-007048
  - Heavy Metals
    - 71-011404
    - 71-011405
    - 71-011406
  - Helminths
    - 71-009482
  - Hybridization
    - 71-004566
    - 71-004684
    - 71-004856
    - 71-004857
    - 71-005985
    - 71-013020
  - Identification/Larvae
    - 71-008822
  - Insecticides
    - 71-011276
  - Lernaea cyprinacea
    - 71-009741
  - Lipid Composition
    - 71-002441
  - Orientation/Homing
    - 71-005188
  - Parasites/Diseases
    - 71-009482
    - 71-009741
  - Parasitic Copepods
    - 71-009741
  - Piperonyl Butoxide
    - 71-011276
  - Population Studies
    - 71-005985

...CONTINUED...

- Lepomis cyanellus
  - Predator/Prey Relationships
    - 71-006911
    - 71-007048
  - Spawning
    - 71-006539
  - Stocking/Introductions
    - 71-013020
  - Temperature
    - 71-002441
    - 71-003226
    - 71-004028
  - Temperature Selection
    - 71-004898
    - 71-004899
  - Thermoregulation
    - 71-003635
  - Trophic Relationships
    - 71-006911
  - Turbidity
    - 71-003040
- Lepomis cyanellus X L. microlophus
  - Hybridization
    - 71-005985
  - Population Studies
    - 71-005985
- Lepomis gibbosus
  - Acid Mine Water
    - 71-011228
  - Age/Growth
    - 71-007381
  - Aggressive Behavior
    - 71-005390
  - Blood Chemistry
    - 71-003051
  - Cadmium
    - 71-011143
    - 71-011251
  - Cleidodiscus robustus
    - 71-009506
  - Coloration
    - 71-005390
  - Competition
    - 71-005167
    - 71-007025
  - Foods/Feeding
    - 71-006837
    - 71-006869
    - 71-007025
    - 71-007080
    - 71-007212
    - 71-007381
  - Gill Parasites
    - 71-008950
    - 71-008951
    - 71-009506
    - 71-009507
    - 71-009666
  - Habitat Selection
    - 71-005167
  - Haplocleidus dispar
    - 71-009507
  - Heavy Metals
    - 71-010035
    - 71-011142
    - 71-011143
    - 71-011251
  - Henneguya episclera
    - 71-009332
  - Hybridization
    - 71-004575
    - 71-005394
  - Industrial Wastes
    - 71-010035
  - Lead
    - 71-011142
  - Metabolic Rates
    - 71-002654
  - Morphology
    - 71-004575
  - Myxosporida
    - 71-009261
  - Oxygen
    - 71-003782
  - Parasites/Diseases
    - 71-008917
    - 71-008950
    - 71-008951
    - 71-009261
    - 71-009332
    - 71-009506
    - 71-009507
    - 71-009666
  - Protozoan Diseases
    - 71-009261
    - 71-009332
  - Pterocleidus acer
    - 71-009507
  - Reproduction
    - 71-002349
  - Spawning
    - 71-005390
    - 71-005394
    - 71-006296
    - 71-006348
    - 71-006539
  - Temperature
    - 71-002654
    - 71-003051
    - 71-003782
    - 71-005293
  - Temperature Selection
    - 71-005327
  - Thermal Shock
    - 71-002212
  - Trematodes
    - 71-009506
    - 71-009507

...CONTINUED...

- Lepomis gibbosus
  - Trematodes
    - 71-009666
  - Trophic Relationships
    - 71-006837
  - Urocleidus ferox
    - 71-009666
- Lepomis gulosus
  - Dieldrin
    - 71-011057
  - Fecundity
    - 71-006447
  - Foods/Feeding
    - 71-006859
  - Hybridization
    - 71-004566
    - 71-004856
  - Insecticides
    - 71-011057
  - Life History/General
    - 71-005604
    - 71-005623
  - Parasites/Diseases
    - 71-008948
  - Spawning
    - 71-006539
- Lepomis macrochirus
  - Acid Mine Water
    - 71-010909
    - 71-011228
  - Activity Patterns
    - 71-004897
    - 71-004956
    - 71-005325
    - 71-011065
  - Aeration
    - 71-013010
  - Aeromonas hydrophila
    - 71-009180
  - Age/Growth
    - 71-004419
    - 71-005401
    - 71-007333
    - 71-007382
    - 71-007404
    - 71-007408
    - 71-007409
    - 71-007442
    - 71-007479
    - 71-007538
    - 71-007584
    - 71-012858
  - Aggressive Behavior
    - 71-005076
    - 71-010887
  - Ammonia
    - 71-011291
  - Antipyresis
    - 71-009180
  - Appetite Stimulants
    - 71-000809
  - Aquatic Plant Control
    - 71-000534
  - Argulus maculosus
    - 71-009743
  - Avian Frightening Agents
    - 71-011334
  - Bacterial Diseases
    - 71-009174
    - 71-009179
    - 71-009180
  - Bayer 73
    - 71-010601
  - Bibliographies
    - 71-013450
  - Bioassay Techniques
    - 71-011065
  - Biochemical Composition
    - 71-002521
  - Biological Monitoring
    - 71-010466
  - Blood Chemistry
    - 71-003177
    - 71-004735
  - Bluegill Virus
    - 71-009397
  - Cadmium
    - 71-010777
    - 71-010887
    - 71-011533
  - Cesium
    - 71-010780
  - Chlordane
    - 71-010683
    - 71-011268
  - Chlorine
    - 71-010587
    - 71-010589
    - 71-011090
    - 71-011290
    - 71-011291
  - Chromium
    - 71-010777
  - Coloration
    - 71-006795
  - Competition
    - 71-007025
    - 71-007121
    - 71-007333
    - 71-008336
    - 71-008420
  - Copper
    - 71-011280
    - 71-011455
    - 71-011533
  - Copper Sulfate
    - 71-011478

...CONTINUED...

- Lepomis macrochirus
  - Culture/Propagation
    - 71-000316
    - 71-000329
    - 71-000534
    - 71-000809
    - 71-000814
    - 71-000884
    - 71-011478
  - Cyanide
    - 71-010986
    - 71-011389
  - DDT
    - 71-010778
    - 71-011268
  - Defoliants
    - 71-010995
  - Diazinon
    - 71-010564
  - Dieldrin
    - 71-011057
    - 71-011436
  - Diflubenzuron
    - 71-011333
  - Digestion Rates
    - 71-002636
  - Diquat
    - 71-000002
  - Distribution/Vertical
    - 71-006669
    - 71-006720
  - DNA
    - 71-002343
    - 71-004507
  - Early Development
    - 71-007245
  - Electrofishing
    - 71-004386
  - Electrophoresis
    - 71-004602
  - Electrophysiology
    - 71-002863
  - Electroshock
    - 71-002206
    - 71-004386
  - Endothall
    - 71-000002
    - 71-011353
  - Fecundity
    - 71-006447
  - Feeding Experiments
    - 71-000809
    - 71-000884
  - Feeds
    - 71-000814
  - Fertilization/Soil and Water
    - 71-000329
    - 71-012642
    - 71-012657
  - Fire Retardants
    - 71-010957
  - Fish Control/Removal
    - 71-013013
  - Fish Preservation
    - 71-013430
  - Flame Retardants
    - 71-011373
  - Foods/Feeding
    - 71-002636
    - 71-006859
    - 71-006986
    - 71-007025
    - 71-007088
    - 71-007102
    - 71-007121
    - 71-007212
    - 71-007216
    - 71-007245
    - 71-007324
    - 71-007333
    - 71-007442
    - 71-012985
  - Foods/Feeding/Selectivity
    - 71-006865
    - 71-007154
    - 71-007308
    - 71-007309
    - 71-007336
    - 71-012308
  - Habitat Selection
    - 71-004938
    - 71-005401
    - 71-006720
  - Heated Water
    - 71-007216
  - Heavy Metals
    - 71-010025
    - 71-010035
    - 71-010722
    - 71-010777
    - 71-010819
    - 71-010887
    - 71-011149
    - 71-011280
    - 71-011455
    - 71-011533
  - Helminths
    - 71-009593
    - 71-009620
  - Herbicides
    - 71-000002
    - 71-011101
    - 71-011353
    - 71-011367
    - 71-011478
  - Hybridization
    - 71-004575

...CONTINUED...
Lepomis macrochirus
  Hybridization
   71-004684
   71-013020
  Hydraulic Fluids
   71-011182
  Hydrazine
   71-010800
  Hydrogen Cyanide
   71-010986
   71-011389
  Hydrogen Sulfide
   71-011391
   71-011392
  Industrial Wastes
   71-010035
  Insecticides
   71-010564
   71-010578
   71-010683
   71-010778
   71-011057
   71-011069
   71-011264
   71-011268
   71-011333
   71-011420
   71-011436
   71-011548
  Lead
   71-011533
  Length-Weight Relationships
   71-007515
  Leptorhynchoides thecatus
   71-009620
  Life History/General
   71-005869
   71-013450
  Light
   71-004897
   71-005430
  Lindane
   71-011268
  Lymphocystis
   71-009464
  Management/Research--General
   71-013450
  Management/Research--Lakes
   71-012858
  Management/Research--Ponds
   71-008336
   71-012642
   71-012657
   71-013010
   71-013013
   71-013021
   71-013031
   71-013036
  Manganese
   71-011149
   71-011533
  Mercury
   71-010722
  Metabolic Rates
   71-002858
  Mine Effluents
   71-010909
  Modeling
   71-012826
  Morphology
   71-004575
  Nematodes
   71-009740
  Oil
   71-011335
  Organ Weights
   71-002342
  Orientation/Homing
   71-005034
  Oxygen
   71-002354
   71-003782
  Parasites/Diseases
   71-008921
   71-008948
   71-009174
   71-009179
   71-009180
   71-009397
   71-009439
   71-009464
   71-009493
   71-009593
   71-009620
   71-009740
   71-009743
   71-009815
  Parasitic Copepods
   71-009743
  Parathion
   71-010578
  Pentachlorophenol
   71-011253
   71-011264
  pH
   71-011485
  Phenols
   71-011378
  Philometra
   71-009593
  Phosphate Esters
   71-011182
   71-011373
  Phthalate Acid Esters
   71-010955
  Piscicides
   71-010578
   71-010601
   71-011591

...CONTINUED...
Lepomis macrochirus
  Polyculture
   71-000316
   71-000329
  Pomphorhynchus bulbocolli
   71-009620
  Pond Culture
   71-000316
   71-000534
   71-011478
  Population Studies
   71-005932
   71-013021
   71-013031
   71-013450
  Potassium Permanganate
   71-009174
  Power Plant Effluents
   71-010587
   71-011090
  Predator/Prey Relationships
   71-006795
   71-006908
   71-006916
   71-007307
   71-009464
   71-013036
  Radioactive Wastes
   71-010537
  Respiration
   71-002354
   71-002863
  RNA
   71-002343
   71-004507
  Scales
   71-004373
  Simazine
   71-011101
   71-011478
  Skeletal System
   71-004373
  Spawning
   71-006184
   71-006296
   71-006539
  Spawning Suppression
   71-008420
  Species Discrimination
   71-005044
  Spinitectus gracilis
   71-009740
  Spinitectus micracanthus
   71-009740
  Stocking/Introductions
   71-012413
   71-012858
   71-013020
   71-013021
  Supplemental Feeding
   71-013034
  Surfactants
   71-011070
  Swimming Performance
   71-002858
  Telemetry
   71-012353
  Temperature
   71-002498
   71-002858
   71-003782
   71-004419
   71-004967
   71-005283
   71-005309
   71-007382
   71-007538
  Temperature Selection
   71-004896
   71-004897
   71-004899
   71-004900
   71-004967
   71-005283
   71-005309
   71-005401
   71-007382
   71-009179
  TFM
   71-010601
  Thermal Pollution
   71-010015
  Thermal Regulation
   71-004956
  Thidiazuron
   71-010995
  Toxaphene
   71-010578
   71-011591
  Trace Metals
   71-010819
  Trematodes
   71-009493
   71-009815
  Tritium
   71-002117
   71-010537
  Trophic Relationships
   71-013031
  Tumors
   71-009493
  Turbidity
   71-005430
  Urocleidus ferox
   71-009815
  Variation Studies
   71-004601

...CONTINUED...
Lepomis macrochirus
  Variation Studies
   71-004602
   71-004603
   71-004735
  Viral Diseases
   71-009397
   71-009439
   71-009464
  Zinc
   71-010777
   71-010887
   71-011455
   71-011533
  2,4-D
   71-011367
   71-011420
  2,4,5-T
   71-011367
  4-aminopyridine
   71-011334
Lepomis marginatus
  Dieldrin
   71-011057
  Insecticides
   71-011057
Lepomis megalotis
  Age/Growth
   71-007397
  Foods/Feeding
   71-007088
   71-007324
  Fright Behavior
   71-006425
  Parasites/Diseases
   71-008948
  Pulp Mill Effluents
   71-007397
   71-010045
  Sewage Effluents
   71-007397
   71-010045
  Spawning
   71-006348
   71-006425
   71-006539
Lepomis megalotis peltastes
  Competition
   71-005167
  Habitat Selection
   71-005167
  Hybridization
   71-005394
  Spawning
   71-005394
Lepomis microlophus
  Blood Chemistry
   71-002163
  Fecundity
   71-006168
  Foods/Feeding
   71-006859
   71-006942
   71-012985
  Foods/Feeding/Selectivity
   71-007258
  Hybridization
   71-004684
   71-005985
   71-013020
  Maturation
   71-006168
  Metabolic Rates
   71-006942
  Parasites/Diseases
   71-008948
  Population Studies
   71-005985
  Stocking/Introductions
   71-013020
  Supplemental Feeding
   71-013034
Lepomis punctatus
  Condition Factors
   71-010258
  Foods/Feeding
   71-006859
   71-010258
  Thermal Pollution
   71-010258
Lepomis symmetricus
  Life History/General
   71-005515
  Taxonomy
   71-005515
Lepophidium microlepis
  Taxonomy
   71-008761
Lepophidium profundorum
  Length-Weight Relationships
   71-007444
Leptagoniates
  Taxonomy
   71-008842
Leptagoniates pi
  New Species
   71-008842
Leptobarbus hoeveni
  Culture/Propagation
   71-000529
Leptoclinus maculatus
  Identification
   71-008559
Leptocottus armatus
  Habitat Selection
   71-005185
   71-005186
  Life History/General
   71-008001

...CONTINUED...
Leptocottus armatus
  Meristic Studies
   71-001802
  Mucous Secretion
   71-003476
  Osmoregulation
   71-003941
  Potassium
   71-003941
Leptoderma affinis
  Taxonomy
   71-008820
Leptonotus caretta
  Taxonomy
   71-008536
Lepturacanthus savala
  Early Development
   71-002766
  Embryology
   71-002766
Lesuerigobius friesii
  Life History/General
   71-005606
Lethenteron
  Taxonomy
   71-008845
Lethenteron alaskense
  New Species
   71-008845
Lethrinidae
  Foods/Feeding/Selectivity
   71-007318
  Life History/General
   71-005470
Lethrinus chrysostomus
  Foods/Feeding/Selectivity
   71-007318
Lethrinus nebulosus
  Age/Growth
   71-007556
Leucaspius delineatus
  Age/Growth
   71-005700
  Embryology
   71-002873
  Oxygen
   71-002873
  Schooling Behavior
   71-005377
  Spawning
   71-005700
  Vision
   71-003959
Leuciscus bergi
  Electrophoresis
   71-004748
  Gill Rakers
   71-001869
  Spawning
   71-006455
Leuciscus cephalus
  Amino Acids
   71-002795
  Cardio-Vascular System
   71-003349
  Foods/Feeding
   71-007034
   71-007041
   71-007042
  Hybridization
   71-004852
   71-004853
  Muscle Proteins
   71-002795
   71-003815
  Sewage Effluents
   71-010491
  Spawning
   71-006373
  Trophic Relationships
   71-007034
Leuciscus idus
  Abundance/Factors of
   71-008372
  Bioassay Techniques
   71-010856
  Respiration
   71-002593
   71-002594
   71-002595
Leuciscus leuciscus
  Acanthocephala
   71-009737
  Age/Growth
   71-005700
  Cardio-Vascular System
   71-002827
  Diplostomum spathaceum
   71-009594
  Fecundity
   71-006567
  Parasites/Diseases
   71-009594
   71-009737
  Pomphorhynchus laevis
   71-009737
  Spawning
   71-005700
  Temperature
   71-002827
  Trematodes
   71-009594
Leuciscus leuciscus baicalensis
  Life History/General
   71-005793
  Morphology
   71-005793
Leuciscus rutilis
  Competition
   71-006896

- Leuciscus schmidti
  - Electrophoresis
    - 71-004748
  - Gill Rakers
    - 71-001869
  - Spawning
    - 71-006455
- Leucospius delineatus
  - Buoyancy Adjustment
    - 71-005424
- Leuresthes sardina
  - Hybridization
    - 71-004718
  - Parasites/Diseases
    - 71-008998
  - Salinity
    - 71-003878
  - Spawning
    - 71-006426
    - 71-006547
  - Temperature
    - 71-003561
    - 71-003878
- Leuresthes tenuis
  - Asymphylodora atherinopsidis
    - 71-009351
  - Bucephalopsis labiatus
    - 71-009850
  - Hybridization
    - 71-004718
  - Lepocreadium manteri
    - 71-009849
  - Light
    - 71-005329
  - Microsporida
    - 71-009565
  - Parasites/Diseases
    - 71-008998
    - 71-009565
    - 71-009849
    - 71-009850
    - 71-009851
  - Salinity
    - 71-003878
  - Temperature
    - 71-003561
    - 71-003878
    - 71-005329
  - Temperature Selection
    - 71-005329
  - Trematodes
    - 71-009565
    - 71-009849
    - 71-009850
    - 71-009851
- Libotonius pearsoni
  - New Species
    - 71-008873
  - Paleontology
    - 71-008873
- Limanda aspera
  - Lymphocystis
    - 71-008984
    - 71-009387
  - Parasites/Diseases
    - 71-008984
    - 71-009387
  - Viral Diseases
    - 71-008984
    - 71-009387
- Limanda ferruginea
  - Age/Growth
    - 71-007535
  - Culture/Propagation
    - 71-000651
  - Distribution/Vertical
    - 71-006711
  - Fecundity
    - 71-006319
  - Foods/Feeding
    - 71-007065
  - Fry Production
    - 71-000651
  - Identification/Larvae
    - 71-008839
  - Induced Maturation
    - 71-000651
  - Management/Research--Marine
    - 71-013311
  - Modeling
    - 71-012774
  - Movements
    - 71-006711
  - Population Studies
    - 71-006111
    - 71-012774
    - 71-013311
  - Yield
    - 71-006111
- Limanda limanda
  - Cadmium
    - 71-010479
  - Culture/Propagation
    - 71-006497
  - Digestion Rates
    - 71-003157
  - Fishing Gear
    - 71-012611
  - Foods/Feeding/Selectivity
    - 71-007298
  - Heavy Metals
    - 71-010479
  - Life History/General
    - 71-005773
  - Light
    - 71-006497

...CONTINUED...

- Limanda limanda
  - Nets/Netting
    - 71-012611
  - Reproductive System
    - 71-006320
    - 71-006321
    - 71-006322
  - Spawning
    - 71-006320
    - 71-006321
    - 71-006322
  - Spawning Cycle Regulation
    - 71-006497
- Limanda schrenki
  - Parasites/Diseases
    - 71-009846
    - 71-010004
  - Tumors
    - 71-009846
    - 71-010004
- Limanda yokohamae
  - Culture/Propagation
    - 71-000593
    - 71-000741
  - Diets
    - 71-000741
  - Feeding Experiments
    - 71-000741
  - Induced Maturation
    - 71-000593
    - 71-002122
- Limnichthys polyactis
  - New Species
    - 71-008708
  - Skeletal System
    - 71-001829
- Limnichthys rendahli
  - Skeletal System
    - 71-001829
- Limnothrissa miodon
  - Movements
    - 71-006584
  - Predator/Prey Relationships
    - 71-006584
- Linophryne
  - Bioluminescence
    - 71-002898
- Liopropoma
  - Distribution/Geographical
    - 71-008019
- Liopropoma mitratum
  - New Species
    - 71-008019
- Liopsetta putnami
  - Parasites/Diseases
    - 71-008914
    - 71-008915
    - 71-009543
  - Protancyrocephaloides liopsettae
    - 71-009543
  - Trematodes
    - 71-009543
- Lioscorpius longimanus
  - Taxonomy
    - 71-008820
- Lioteres aporus
  - New Species
    - 71-008620
- Liparidae
  - Distribution/Geographical
    - 71-008813
  - Taxonomy
    - 71-008813
- Liparis
  - Taxonomy
    - 71-008460
- Liparis coheni
  - Life History/General
    - 71-008448
  - New Species
    - 71-008448
- Liparis fucensis
  - Spawning
    - 71-006249
- Liparis inquilinus
  - Life History/General
    - 71-005466
- Liparis koefoedi
  - Taxonomy
    - 71-008459
- Lipogenyidae
  - Morphology
    - 71-001586
- Lithognathus mormyrus
  - Endocrinology
    - 71-001923
- Liza aurata
  - Culture/Propagation
    - 71-000988
  - Salinity
    - 71-000988
- Liza carinata
  - Distribution/Geographical
    - 71-007786
- Liza dumerili
  - Digestive System
    - 71-007091
  - Foods/Feeding
    - 71-007092
  - Foods/Feeding/Selectivity
    - 71-007091
  - Reproductive System
    - 71-002016
    - 71-002017
  - Spawning
    - 71-006558
- Liza macrolepis
  - Heavy Metals
    - 71-010883
- Liza malinoptera
  - Life History/General
    - 71-005533
- Liza ramada
  - Epitheliocystis
    - 71-009862
  - Ergenstrema mugilis
    - 71-009755
  - Gills
    - 71-001761
  - Parasites/Diseases
    - 71-009755
    - 71-009862
  - Trematodes
    - 71-009755
- Liza richardsoni
  - Digestive System
    - 71-007091
  - Foods/Feeding
    - 71-007092
  - Foods/Feeding/Selectivity
    - 71-007091
- Liza saliens
  - Salinity
    - 71-002435
- Liza subviridis
  - Foods/Feeding
    - 71-006823
  - Skeletal System
    - 71-001791
  - Spawning
    - 71-006220
- Liza tricuspidens
  - Digestive System
    - 71-007091
  - Foods/Feeding
    - 71-007092
  - Foods/Feeding/Selectivity
    - 71-007091
- Lobianchia
  - Distribution/Geographical
    - 71-008701
  - Taxonomy
    - 71-008701
- Lomna nasus
  - Distribution/Geographical
    - 71-008227
- Lonchopisthus micrognathus
  - Life History/General
    - 71-005538
- Lonchurus
  - Distribution/Geographical
    - 71-005667
  - Life History/General
    - 71-005667
  - Morphology
    - 71-005667
- Lophiidae
  - Taxonomy
    - 71-008501
- Lophius
  - Dentition
    - 71-005139
  - Digestive System
    - 71-004494
- Lophius piscatorius
  - Excretory System
    - 71-002170
- Lopholatilus chamaeleonticeps
  - Life History/General
    - 71-005593
  - Trace Metals
    - 71-003530
- Loricariichthys platymetopon
  - New Species
    - 71-008633
- Loricariidae
  - Swimbladder
    - 71-001569
  - Taste Reception
    - 71-001848
- Lota lota
  - Activity Patterns
    - 71-005125
  - Age/Growth
    - 71-007480
    - 71-007546
    - 71-007665
  - Distribution/Vertical
    - 71-006596
  - Early Development
    - 71-001974
  - Ecology
    - 71-006373
  - Eutrophication
    - 71-007480
  - Foods/Feeding
    - 71-006964
    - 71-007546
  - Interrenal Tissue
    - 71-003544
  - Life History/General
    - 71-005627
  - Management/Research--Lakes
    - 71-005627
  - Morphology
    - 71-001827
    - 71-006964
  - Pineal Body
    - 71-005125
  - Polychlorinated Biphenyls
    - 71-010318
  - Population Studies
    - 71-005627
  - Taxonomy
    - 71-001974
  - Trophic Relationships
    - 71-005627
- Loxodon macrorhinus
  - Taxonomy
    - 71-008702
- Lucania goodei
  - Distribution/Geographical
    - 71-008016
- Lucania parva
  - Cleaning Behavior
    - 71-004869
  - Stocking/Introductions
    - 71-012434
  - Taxonomy
    - 71-008553
  - Zoogeography
    - 71-008553
- Lucifuga dentatus
  - Vision
    - 71-004983
- Luciolates stappersi
  - Life History/General
    - 71-005529
    - 71-005579
- Luciolates stappersii
  - Life History/General
    - 71-005546
  - Management/Research--Lakes
    - 71-005546
- Lucioperca lucioperca
  - Abundance/Factors of
    - 71-008371
    - 71-008372
  - Age/Growth
    - 71-005847
  - Blood Chemistry
    - 71-002617
    - 71-002826
  - Culture/Propagation
    - 71-005693
  - Distribution/Factors of
    - 71-008371
  - Distribution/Geographical
    - 71-007691
  - Early Development
    - 71-005693
  - Electrophoresis
    - 71-002617
  - Flow Regimes
    - 71-006553
  - Foods/Feeding
    - 71-007049
  - Life History/General
    - 71-005602
  - Management/Research--General
    - 71-005602
  - Management/Research--Rivers and Streams
    - 71-006368
  - Metabolism
    - 71-002826
  - Olfaction
    - 71-001398
  - Population Studies
    - 71-005602
  - Reproduction
    - 71-005847
    - 71-006506
  - Respiration
    - 71-002594
  - Salinity
    - 71-004509
    - 71-008371
  - Spawning
    - 71-006368
    - 71-006506
    - 71-006553
- Lucioperca marina
  - Early Development
    - 71-005625
  - Foods/Feeding
    - 71-005625
- Lucioperca volgensis
  - Morphology
    - 71-002011
- Lumpenus fabricii
  - Alimentary Tract
    - 71-002036
- Lumpenus lampretaeformis
  - Identification
    - 71-008559
  - Life History/General
    - 71-005613
- Lutjanidae
  - Commerical Fishing
    - 71-013317
  - Cymothoa excisa
    - 71-009978
  - Distribution/Seasonal
    - 71-006688
  - Management/Research--Marine
    - 71-013174
    - 71-013317
  - Parasites/Diseases
    - 71-009978
  - Parasitic Isopods
    - 71-009978
  - Taxonomy
    - 71-008638
- Lutjanus
  - Indentification/Larvae
    - 71-008699
- Lutjanus argentiventris
  - Abnormalities
    - 71-001387
- Lutjanus bohar
  - Mimicry
    - 71-005350
- Lutjanus buccanella
  - Life History/General
    - 71-005620
- Lutjanus campechanus
  - Age/Growth
    - 71-007660

...CONTINUED...
Lutjanus campechanus
  Identification/Larvae
    71-001481
  Life History/General
    71-005620
  Metabolic Rates
    71-007660
  Movements
    71-006614
  Spawning
    71-006179
Lutjanus colorado
  Distribution/Geographical
    71-008006
Lutjanus cyanopterus
  Distribution/Geographical
    71-008290
Lutjanus griseus
  Condition Factors
    71-007376
  Fecundity
    71-006218
  Length-weight Relationships
    71-007376
  Lernaeolophus
    71-009499
  Parasites/Diseases
    71-009499
  Parasitic Copepods
    71-009499
  Spawning
    71-006218
Lutjanus synagris
  Biological Cycles
    71-003874
Lutjanus vivanus
  Life History/General
    71-005620
Luxilus
  Electrophoresis
    71-004558
    71-008687
  Evolution
    71-008687
  Taxonomy
    71-008687
  Variation Studies
    71-004558
Lycenchelys atacamensis
  Distribution/Vertical
    71-006578
Lycengraulis grossidens
  Life History/General
    71-005524
Lycodapus
  Taxonomy
    71-008725
Lycodapus endemoscotus
  New Species
    71-008725
Lycodapus mandibularis
  Meristic Studies
    71-001870
Lycodapus pachysoma
  New Species
    71-008725
Lycodes palearis
  Hemiuridae
    71-009753
  Parasites/Diseases
    71-009753
  Trematodes
    71-009753
Lyopsetta exilis
  Foods/Feeding
    71-007171
  Habitat Selection
    71-005275
Lythrypnus dalli
  Life History/General
    71-005879
  Taxonomy
    71-005879
Lythrypnus zebra
  Distribution/Geographical
    71-007694
  Life History/General
    71-005879
  Taxonomy
    71-005879
Macrognathus
  Taxonomy
    71-008760
Macroparalepis macrogeneion
  Identification
    71-002008
  Morphology
    71-002008
Macropharyngodon
  Taxonomy
    71-008749
Macropodus opercularis
  Hormones
    71-002525
    71-002829
  Mouth Parts
    71-001518
  Nervous System
    71-002526
    71-003203
    71-003981
  Reproduction
    71-003981
  Skeletal System
    71-001518
Macrorhamphosus gracilis
  Alimentary Tract
    71-002046
  Foods/Feeding
    71-002046

...CONTINUED...
Macrorhamphosus gracilis
  Mouth Parts
    71-002046
Macrouridae
  Bioluminescence
    71-001930
  Ceratomyxa
    71-009343
  Early Development
    71-005742
  Foods/Feeding
    71-007107
  Helminths
    71-009490
  Leptotheca
    71-009342
  Life History/General
    71-005742
  Myxidium
    71-009348
  Myxoproteus
    71-009341
  Myxosporida
    71-009344
  Parasites/Diseases
    71-009341
    71-009342
    71-009343
    71-009344
    71-009345
    71-009348
    71-009490
  Protozoan Diseases
    71-009341
    71-009342
    71-009343
    71-009344
    71-009345
    71-009348
  Spawning
    71-006280
  Taxonomy
    71-008635
  Zschokkella
    71-009345
Macrourus berglax
  Foods/Feeding
    71-006918
Macrozoarces americanus
  Commercial Fishing
    71-013307
  Management/Research--Marine
    71-013307
Macruronus novaezelandidae
  Biochemical Composition
    71-003290
Macrurus brevirostris
  Taxonomy
    71-008820
Magalops cyprinoides
  Culture/Propagation
    71-000582
  Polyculture
    71-000582
  Pond Culture
    71-000582
Makaira nigricans
  Age/Growth
    71-007624
  Foods/Feeding
    71-006936
  Heavy Metals
    71-010420
    71-011364
    71-011365
  Mercury
    71-010420
    71-011364
    71-011365
  Selenium
    71-011364
Makaira panamensis
  New Species
    71-008563
  Paleontology
    71-008563
Malacanthidae
  Distribution/Geographical
    71-008550
  Life History/General
    71-008550
  Taxonomy
    71-008550
Malapterurus electricus
  Electric Organs
    71-004901
  Foods/Feeding
    71-007213
  Parasites/Diseases
    71-009861
  Tumors
    71-009861
Mallotus villosus
  Age/Growth
    71-006581
    71-006638
    71-007372
  Biochemical Composition
    71-002805
  Cestodes
    71-009733
  Distribution/Seasonal
    71-006581
    71-006638
  Distribution/Vertical
    71-006581
  Ecology
    71-006158

...CONTINUED...
Mallotus villosus
  Embryology
    71-002517
  Enzymes
    71-002805
    71-003187
  Eubothrium parvum
    71-009733
  Fecundity
    71-006279
  Foods/Feeding
    71-007172
  Management/Research--Marine
    71-005948
    71-006158
  Meristic Studies
    71-001472
  Movements
    71-005631
  Parasites/Diseases
    71-009733
  Population Studies
    71-005631
    71-005948
    71-005949
    71-005950
    71-005951
    71-006158
    71-006638
  Predator/Prey Relationships
    71-007119
  Spawning
    71-005631
    71-006174
    71-006182
    71-006450
  Temperature
    71-002517
  Variation Studies
    71-004787
Mallotus villosus villosus
  Distribution/Geographical
    71-008109
Marcusenius cyprinoides
  Electric Organs
    71-004220
    71-005232
  Schooling Behavior
    71-005232
  Temperature
    71-004220
Mastocembelus armatus
  Parasites/Diseases
    71-009370
  Protozoan Diseases
    71-009370
  Trypanosomes
    71-009370
Maurolicus muelleri
  Distribution/Geographical
    71-005807
  Early Development
    71-005807
  Life History/General
    71-005807
  Population Studies
    71-008018
  Spawning
    71-005807
Maynea californica
  Acanthocephala
    71-009705
  Distribution/Vertical
    71-005517
  Echinorhynchus canyonensis
    71-009705
  Parasites/Diseases
    71-009705
  Status
    71-005517
Mccoskerichthys sandae
  New Species
    71-008764
Mecromesistius australis
  Taxonomy
    71-004790
  Variation Studies
    71-004790
Meda fulgida
  Distribution/Geographical
    71-005475
  Foods/Feeding
    71-007220
  Life History/General
    71-005475
Medialuna californiensis
  Cleaning Behavior
    71-005085
Megalaspis cordyla
  Foods/Feeding
    71-007254
Megalops atlantica
  Distribution/Geographical
    71-007920
    71-008247
  Early Development
    71-006519
  Spawning
    71-006519
Megupsilon aporus
  Hybridization
    71-004643
  Status
    71-008419
Meiacanthus
  Distribution/Geographical
    71-008787
  Taxonomy
    71-008787

Meiacanthus atrodorsalis
  Defensive Mechanisms
    71-005171
Meiacanthus nigrolineatus
  Behavior
    71-005010
  Early Development
    71-006266
  Spawning
    71-006266
Melamphaes danae
  Foods/Feeding
    71-006830
Melamphaidae
  New Species
    71-008554
Melanocetidae
  Taxonomy
    71-008729
Melanochromis exasperatus
  Buoyancy Adjustment
    71-005082
  Pressure Effects
    71-005082
  Swimbladder
    71-005082
Melanogrammus
  Harvest
    71-013154
  Management/Research--Marine
    71-013154
Melanogrammus aeglefinus
  Age/Growth
    71-006137
    71-007535
  Biological Tags
    71-012341
  Cestodes
    71-009768
    71-012341
  Culture/Propagation
    71-000662
    71-000765
  Electrophoresis
    71-003672
  Embryology
    71-000662
  Fecundity
    71-006169
  Feeding Experiments
    71-000765
  Grillotia erinaceus
    71-009768
    71-012341
  Haemogregarina aeglefini
    71-009283
  Hematozoa
    71-009283
  Incubation
    71-000662
  Life History/General
    71-005868
  Management/Research--Marine
    71-005868
    71-006137
    71-012720
  Maturation
    71-006169
    71-006544
  Mortality Rates
    71-006137
  Musculature
    71-003672
  Olfaction
    71-001739
  Parasites/Diseases
    71-009283
    71-009768
    71-012341
  Population Studies
    71-006137
    71-012720
  Spawning
    71-006169
    71-006544
  Year Class Strength
    71-006137
Melanostigma pammelas
  Foods/Feeding
    71-006783
Melanostigma vitiazi
  New Species
    71-008720
Melanostomiatidae
  Distribution/Geographical
    71-007725
Menidia
  Distribution/Geographical
    71-008639
  Hybridization
    71-008639
  Swimbladder
    71-001524
  Taxonomy
    71-008553
    71-008639
  Zoogeography
    71-008553
Menidia audens
  Distribution/Geographical
    71-008058
  Fecundity
    71-006324
  Foods/Feeding/Selectivity
    71-006893
  Forage Introductions
    71-007139

.CONTINUED...
- nidia audens
  - Forage Introductions
    - 71-012428
  - Spawning
    - 71-006323
    - 71-006324
  - Temperature
    - 71-006323
- nidia beryllina
  - Age/Growth
    - 71-005657
  - Bomolochus concinnus
    - 71-009521
  - Chlorine
    - 71-011163
  - Copper
    - 71-011082
  - Ergasilus manicatus
    - 71-009521
  - Heavy Metals
    - 71-011082
  - Parasites/Diseases
    - 71-009521
  - Parasitic Copepods
    - 71-009521
  - Power Plant Effluents
    - 71-011163
  - Spawning
    - 71-005657
  - Temperature
    - 71-011082
- anidia menidia
  - Age/Growth
    - 71-007375
  - Cadmium
    - 71-011501
  - Chlorine
    - 71-011163
  - Culture/Propagation
    - 71-000564
    - 71-000683
    - 71-000685
    - 71-000885
    - 71-000890
    - 71-006465
  - DDT
    - 71-011521
  - Diets
    - 71-000683
    - 71-000685
    - 71-000885
    - 71-000890
  - Feeding Experiments
    - 71-000683
    - 71-000685
    - 71-000885
    - 71-000890
  - Heavy Metals
    - 71-011501
  - Incubators
    - 71-000564
  - Insecticides
    - 71-011521
    - 71-011525
  - Malathion
    - 71-011521
  - Muscle Protein Polymorphism
    - 71-004722
  - Power Plant Effluents
    - 71-011163
  - Predator/Prey Relationships
    - 71-006853
  - Schooling Behavior
    - 71-011525
  - Sevin
    - 71-011521
    - 71-011525
  - Spawning
    - 71-006417
    - 71-006465
  - Temperature
    - 71-002106
  - Thermal Shock
    - 71-006853
  - Variation Studies
    - 71-004722
- Menidia peninsulae
  - Bomolochus concinnus
    - 71-009521
  - Ergasilus manicatus
    - 71-009521
  - Parasites/Diseases
    - 71-009521
  - Parasitic Copepods
    - 71-009521
- Merlangius merlangus
  - Acanthocephala
    - 71-009018
  - Age/Growth
    - 71-005973
  - Anisakis
    - 71-010000
  - Baits/Baiting
    - 71-012592
  - Cestodes
    - 71-009773
  - Diclidophora
    - 71-009771
  - Foods/Feeding
    - 71-006937
    - 71-007300
  - Foods/Feeding/Selectivity
    - 71-007133
  - Gilquinia squali
    - 71-009773
  - Integument
    - 71-001446

...CONTINUED...
- Merlangius merlangus
  - Lernaeocera branchialis
    - 71-009732
    - 71-009965
  - Nematodes
    - 71-009018
    - 71-010000
  - Parasites/Diseases
    - 71-009018
    - 71-009732
    - 71-009771
    - 71-009773
    - 71-009965
    - 71-009967
    - 71-010000
  - Parasitic Copepods
    - 71-009018
    - 71-009732
    - 71-009965
    - 71-009967
  - Phocanema
    - 71-010000
  - Population Studies
    - 71-005973
  - Trematodes
    - 71-009018
    - 71-009771
- Merlucciidae
  - Otoliths
    - 71-001473
- Merluccius
  - Commercial Fishing
    - 71-013207
    - 71-013350
  - Electrophoresis
    - 71-004701
  - Harvest
    - 71-013154
    - 71-013291
  - Management/Research--Marine
    - 71-013154
    - 71-013291
  - Taxonomy
    - 71-004701
    - 71-008518
    - 71-008851
- Merluccius albidus
  - Life History/General
    - 71-005810
- Merluccius australis
  - Electrophoresis
    - 71-004802
- Merluccius bilinearis
  - Foods/Feeding
    - 71-007306
  - Management/Research--Marine
    - 71-013152
- Merluccius gayi
  - Cestodes
    - 71-009571
  - Grillotia dollfusi
    - 71-009571
  - Helminths
    - 71-009575
  - Parasites/Diseases
    - 71-009571
    - 71-009575
- Merluccius gayi gayi
  - Maturation
    - 71-002182
- Merluccius hubbsi
  - Predator/Prey Relationships
    - 71-007351
  - Trophic Relationships
    - 71-007351
- Merluccius merluccius
  - Age/Growth
    - 71-007651
  - Distribution/Vertical
    - 71-005972
  - Foods/Feeding
    - 71-005972
    - 71-007020
  - Population Studies
    - 71-005972
- Merluccius polylepis
  - Cestodes
    - 71-009570
  - Parasites/Diseases
    - 71-009570
- Merluccius productus
  - Age/Growth
    - 71-007379
  - Conispora renalis
    - 71-009362
  - Enzymes
    - 71-003709
  - Heavy Metals
    - 71-010107
  - Mercury
    - 71-010107
  - Parasites/Diseases
    - 71-009362
  - Predator/Prey Relationships
    - 71-006900
  - Protozoan Diseases
    - 71-009362
  - Reproduction
    - 71-002737
  - Reproductive System
    - 71-002738
- Mesobius
  - Distribution/Geographical
    - 71-008191
- Mesogobius
  - Taxonomy
    - 71-008732
    - 71-008733
- Mesogobius batrachocephalus
  - Variation Studies
    - 71-004797
- Microbrotula randalli
  - Reproductive System
    - 71-001735
- Microdesmus africanus
  - New Species
    - 71-008537
- Microdesmus luscus
  - New Species
    - 71-008538
- Microgadus tomcod
  - Ergasilus labracis
    - 71-009703
  - Foods/Feeding
    - 71-006945
    - 71-006946
    - 71-007053
  - Hepatomas
    - 71-009931
  - Life History/General
    - 71-005788
  - Movements
    - 71-007053
  - Parasites/Diseases
    - 71-009703
    - 71-009931
  - Parasitic Copepods
    - 71-009703
- Micrognathus
  - Taxonomy
    - 71-008535
- Micrognathus brachyrhinus
  - Morphology
    - 71-001557
- Micrognathus tectus
  - New Species
    - 71-008535
- Micromesistius
  - Distribution/Geographical
    - 71-008197
- Micromesistius australis
  - Biochemical Composition
    - 71-003290
- Micromesistius pontassou
  - Anasakis
    - 71-009549
  - Nematodes
    - 71-009549
  - Parasites/Diseases
    - 71-009549
- Micromesistius poutassou
  - Age/Growth
    - 71-007877
  - Distribution/Geographical
    - 71-007877
    - 71-008211
  - Early Development
    - 71-002471
  - Embryology
    - 71-002471
  - Foods/Feeding
    - 71-007286
    - 71-007877
  - Life History/General
    - 71-005815
  - Management/Research--Marine
    - 71-005815
  - Temperature
    - 71-002471
- Microperca
  - Taxonomy
    - 71-008494
    - 71-008495
- Micropogon furniery
  - Length-Weight Relationships
    - 71-007444
- Micropogon undulatus
  - Age/Growth
    - 71-005877
    - 71-007369
    - 71-007524
  - Cadmium
    - 71-011431
  - Culture/Propagation
    - 71-000568
    - 71-000629
  - Distribution/Factors of
    - 71-008223
  - Distribution/Seasonal
    - 71-006667
    - 71-007369
  - Early Development
    - 71-001558
  - Excretory System
    - 71-002630
  - Heated Water
    - 71-000568
  - Heavy Metals
    - 71-011431
  - Lernaeenicus radiatus
    - 71-009970
  - Life History/General
    - 71-005767
    - 71-005877
  - Macrovalvitrematoides micropogoni
    - 71-009722
  - Movements
    - 71-006747
    - 71-007524
  - Oil
    - 71-010782
  - Parasites/Diseases
    - 71-009722
    - 71-009970

...CONTINUED...
- Micropogon undulatus
  - Parasitic Copepods
    - 71-009970
  - Polyculture
    - 71-000568
    - 71-000629
  - Pond Culture
    - 71-000568
    - 71-000629
  - Population Studies
    - 71-005877
  - Spawning
    - 71-005877
  - Swimming Performance
    - 71-005080
  - Temperature
    - 71-008223
  - Trematodes
    - 71-009722
  - Trophic Relationships
    - 71-007231
- Micropogonias undulatus
  - Insecticides
    - 71-010117
  - Kepone
    - 71-010117
  - Life History/General
    - 71-005689
  - Nematodes
    - 71-009638
  - Organochlorines
    - 71-010117
  - Parasites/Diseases
    - 71-009638
  - Population Studies
    - 71-005689
  - Spriocamallanus cricotus
    - 71-009638
- Micropogonius undulatus
  - Fecundity
    - 71-006423
  - Maturation
    - 71-006423
  - Spawning
    - 71-006423
- Micropterus
  - Abundance/Factors of
    - 71-008327
    - 71-008405
    - 71-012842
    - 71-012872
    - 71-012948
    - 71-013024
    - 71-013073
  - Age/Growth
    - 71-007595
  - Artificial Reefs
    - 71-012058
  - Behavior
    - 71-005747
  - Chromosome Numbers
    - 71-004825
  - Condition Factors
    - 71-007595
  - Culture/Propagation
    - 71-000347
    - 71-000374
    - 71-000511
  - Distribution/Geographical
    - 71-008024
  - Fish Control/Removal
    - 71-012289
    - 71-012293
  - Forage Production
    - 71-000374
  - Genetics
    - 71-000347
  - Heavy Metals
    - 71-010660
  - Life History/General
    - 71-005747
  - Management/Research--General
    - 71-011641
    - 71-011683
  - Management/Research--Lakes
    - 71-012842
    - 71-012872
  - Management/Research--Ponds
    - 71-013024
    - 71-013041
  - Management/Research--Reservoirs
    - 71-008405
    - 71-013059
    - 71-013073
    - 71-013076
  - Management/Research--Rivers and Streams
    - 71-012943
    - 71-012948
  - Maturation
    - 71-007595
  - Modeling
    - 71-011683
  - Oxygen
    - 71-010660
  - Parasites/Diseases
    - 71-009032
    - 71-009940
  - Pesticides
    - 71-010660
  - Piscicides
    - 71-012289
  - Population Studies
    - 71-012842
    - 71-012872
    - 71-012943
    - 71-012948
    - 71-013024
    - 71-013073

...CONTINUED...
- Micropterus
  - Regulations
    - 71-012251
  - Salinity
    - 71-010660
  - Stocking/Introductions
    - 71-013041
  - Taxonomy
    - 71-008747
  - Temperature
    - 71-004949
  - Trematodes
    - 71-009940
  - Trophic Relationships
    - 71-012842
    - 71-012948
    - 71-013024
  - Turbidity
    - 71-010660
  - Water Level Fluctuations
    - 71-010660
    - 71-013076
  - Year Class Strength
    - 71-008327
- Micropterus coosae
  - Age/Growth
    - 71-007416
  - Condition Factors
    - 71-007416
  - Life History/General
    - 71-005661
- Micropterus dolomieui
  - Abundance/Factors of
    - 71-005933
    - 71-008359
    - 71-008360
    - 71-008375
    - 71-008399
    - 71-008416
  - Acid Mine Water
    - 71-010064
  - Activity Patterns
    - 71-005142
    - 71-005324
  - Age/Growth
    - 71-007430
    - 71-007430
    - 71-007483
    - 71-007491
    - 71-010064
    - 71-012847
  - Cadmium
    - 71-010766
  - Competition
    - 71-006919
    - 71-008359
  - Copper
    - 71-011124
  - Culture/Propagation
    - 71-000316
    - 71-000397
    - 71-000735
  - Detergents
    - 71-011123
  - Electrophoresis
    - 71-004750
  - Enzymes
    - 71-003797
    - 71-004750
  - Epistylis niagarae
    - 71-009263
  - Exploitation Rates
    - 71-006143
    - 71-006163
  - Fecundity
    - 71-006326
  - Feeding Experiments
    - 71-000735
  - Fish as Food
    - 71-013348
  - Floods
    - 71-008375
  - Foods/Feeding
    - 71-006794
    - 71-006919
    - 71-006985
  - Foods/Feeding/Selectivity
    - 71-007167
  - Habitat Selection
    - 71-005096
    - 71-005097
    - 71-006919
  - Harvest
    - 71-012156
  - Heavy Metals
    - 71-010033
    - 71-010766
    - 71-011124
  - Herbicides
    - 71-010565
  - Hybridization
    - 71-004595
  - Imidan
    - 71-010961
  - Insecticides
    - 71-010961
    - 71-013348
  - Life History/General
    - 71-005537
    - 71-005562
    - 71-005867
  - Management/Research--Lakes
    - 71-012847
  - Management/Research--Reservoirs
    - 71-013107
  - Management/Research--Rivers and Streams
    - 71-005956
    - 71-006074
    - 71-012156

...CONTINUED...
- Micropterus dolomieui
  - Management/Research--Rivers and Streams
    - 71-012946
    - 71-012947
  - Marking/Tagging
    - 71-012342
  - Maturation
    - 71-006325
  - Mercury
    - 71-010033
  - Mortality Factors
    - 71-008396
  - Mortality Rates
    - 71-005805
    - 71-005933
    - 71-006080
    - 71-006143
    - 71-008396
    - 71-008399
  - Movements
    - 71-005805
    - 71-006686
  - MSMA
    - 71-010565
  - Nezpercella lewisi
    - 71-009910
  - Oxygen
    - 71-003782
  - Parasites/Diseases
    - 71-008906
    - 71-008974
    - 71-009263
    - 71-009910
  - Photoperiodism
    - 71-005324
  - Polyculture
    - 71-000316
  - Pond Culture
    - 71-000316
  - Population Studies
    - 71-005562
    - 71-005805
    - 71-005956
    - 71-006074
    - 71-006143
    - 71-008974
    - 71-012242
    - 71-012947
    - 71-013107
  - Predator/Prey Relationships
    - 71-007259
    - 71-007260
    - 71-007262
    - 71-007483
  - Production
    - 71-007260
  - Protozoan Diseases
    - 71-009263
  - Pumped Storage
    - 71-007483
  - Recruitment
    - 71-005933
  - Reproduction
    - 71-006326
  - Size Limits
    - 71-006074
    - 71-012242
  - Spawning
    - 71-005805
    - 71-006326
    - 71-008399
  - Spawning Migration
    - 71-005805
  - Stocking/Introductions
    - 71-012423
    - 71-012847
  - Temperature
    - 71-003782
    - 71-004101
    - 71-005933
    - 71-008416
  - Temperature Selection
    - 71-005321
  - Thermal Regulation
    - 71-004101
    - 71-005321
  - Trematodes
    - 71-009910
  - Trophic Relationships
    - 71-012847
  - Year Class Strength
    - 71-005933
    - 71-005933
- Micropterus notius
  - Life History/General
    - 71-005661
  - Parasites/Diseases
    - 71-009941
  - Trematodes
    - 71-009941
  - Turgecaecum longifauces
    - 71-009941
- Micropterus punctulatus
  - Age/Growth
    - 71-007491
    - 71-007569
  - Chlorine
    - 71-010698
  - Ergasilus centrarchidarum
    - 71-009581
  - Exploitation Rates
    - 71-006163
  - Foods/Feeding
    - 71-006794
    - 71-007062
    - 71-007217
  - Life History/General
    - 71-005862

...CONTINUED...
- Micropterus punctulatus
  - Parasites/Diseases
    - 71-008906
    - 71-008948
    - 71-009581
  - Parasitic Copepods
    - 71-009581
  - Stocking/Introductions
    - 71-012401
- Micropterus punctulatus henshalli
  - Age/Growth
    - 71-007403
    - 71-007664
- Micropterus punctulatus wichitae
  - Distribution/Geographical
    - 71-007797
  - Status
    - 71-007797
- Micropterus salmoides
  - Abnormalities
    - 71-001599
    - 71-001878
  - Abundance
    - 71-007470
  - Abundance/Factors of
    - 71-000105
    - 71-006171
    - 71-008294
    - 71-008308
    - 71-008394
    - 71-008410
    - 71-008427
    - 71-013011
  - Acoustico-Lateralis System
    - 71-005114
  - Activity Patterns
    - 71-005324
  - Aeromonas hydrophila
    - 71-009114
    - 71-009115
    - 71-009124
  - Age/Growth
    - 71-000402
    - 71-000483
    - 71-000550
    - 71-000550
    - 71-005539
    - 71-005630
    - 71-005681
    - 71-006098
    - 71-006107
    - 71-006763
    - 71-007169
    - 71-007397
    - 71-007426
    - 71-007470
    - 71-007491
    - 71-007526
    - 71-007582
    - 71-007583
    - 71-007611
    - 71-007617
    - 71-007633
    - 71-007646
    - 71-007647
    - 71-012733
  - Aggressive Behavior
    - 71-005114
  - Ammonia
    - 71-007348
    - 71-011291
  - Anesthetics
    - 71-010735
  - Aquatic Plants
    - 71-008308
  - Artificial Diets
    - 71-000758
  - Bacterial Diseases
    - 71-009114
    - 71-009115
    - 71-009124
  - Benzocaine
    - 71-010735
  - Bibliographies
    - 71-005770
  - Bioenergetics
    - 71-004180
  - Blood Chemistry
    - 71-002446
    - 71-002671
    - 71-009114
  - Body Temperature
    - 71-004287
  - Cadmium
    - 71-011021
    - 71-011440
  - Cage Culture
    - 71-000105
    - 71-000510
  - Cannibalism
    - 71-012733
  - Cardio-Vascular System
    - 71-002671
    - 71-003875
  - Catch per Unit Effort
    - 71-012213
  - Catchability
    - 71-007426
  - Catchout Ponds
    - 71-013012
  - Cestodes
    - 71-009520
  - Chlorine
    - 71-011291
  - Clinostomum marginatum
    - 71-009680
  - Competition
    - 71-008336

...CONTINUED...
- Micropterus salmoides
  - Competition
    - 71-008394
    - 71-008420
    - 71-013011
  - Condition Factors
    - 71-005539
    - 71-010151
  - Contracaecum
    - 71-009976
  - Creel Census
    - 71-012213
  - Culture/Propagation
    - 71-000316
    - 71-000329
    - 71-000398
    - 71-000402
    - 71-000458
    - 71-000473
    - 71-000483
    - 71-000510
    - 71-000546
    - 71-000550
    - 71-000672
    - 71-000696
    - 71-000758
    - 71-000782
    - 71-000883
    - 71-000965
  - Diets
    - 71-000672
  - Distribution/Seasonal
    - 71-006735
  - Distribution/Vertical
    - 71-006669
  - Electrofishing
    - 71-002350
    - 71-012600
  - Electrophoresis
    - 71-004750
    - 71-004857
  - Electroshock
    - 71-002350
  - Endrin
    - 71-010785
  - Enzymes
    - 71-004750
  - Epistylis
    - 71-009114
    - 71-009115
  - Ergasilus centrarchidarum
    - 71-009581
  - Exploitation Rates
    - 71-005895
    - 71-006015
    - 71-006143
    - 71-006163
    - 71-012160
  - Fecundity
    - 71-005681
    - 71-006549
  - Feeding Experiments
    - 71-000672
    - 71-000696
    - 71-000758
    - 71-000883
  - Feeds
    - 71-000696
  - Fertilization/Soil and Water
    - 71-000329
    - 71-012642
  - Fire Retardants
    - 71-010957
  - Fish Hatchery Effluents
    - 71-000105
  - Fishing Tournaments
    - 71-006656
    - 71-011667
    - 71-011736
    - 71-011739
    - 71-012192
    - 71-013048
    - 71-013104
    - 71-013109
  - Fluorescent Pigments
    - 71-012316
  - Foods/Feeding
    - 71-005539
    - 71-005630
    - 71-005681
    - 71-006763
    - 71-006794
    - 71-006882
    - 71-006969
    - 71-006985
    - 71-007100
    - 71-007102
    - 71-007139
    - 71-007166
    - 71-007169
    - 71-007217
    - 71-007219
    - 71-007233
    - 71-007315
    - 71-007329
    - 71-007349
    - 71-007647
    - 71-012901
    - 71-012985
  - Foods/Feeding/Selectivity
    - 71-006889
    - 71-007048
    - 71-007350
    - 71-012308
  - Forage Introductions
    - 71-007139
  - Formalin
    - 71-011543
  - Fungal Diseases
    - 71-009226

...CONTINUED...
- Micropterus salmoides
  - Gas Bubble Disease
    - 71-010625
  - Habitat Selection
    - 71-005297
    - 71-006742
  - Harvest
    - 71-011622
    - 71-012160
    - 71-012192
    - 71-012213
    - 71-012875
  - Heavy Metals
    - 71-010534
    - 71-010535
    - 71-011021
    - 71-011149
    - 71-011440
  - Hooking Mortality
    - 71-011722
  - Hybridization
    - 71-004857
  - Induced Maturation
    - 71-000546
  - Insecticides
    - 71-010785
    - 71-011261
  - Length-Weight Relationships
    - 71-007654
  - Life History/General
    - 71-005644
    - 71-005770
    - 71-005867
    - 71-005869
    - 71-007214
  - Malachite Green
    - 71-011543
  - Management/Research--General
    - 71-005770
    - 71-011622
  - Management/Research--Lakes
    - 71-007139
    - 71-008294
    - 71-012213
    - 71-012875
    - 71-012890
    - 71-012901
  - Management/Research--Ponds
    - 71-007214
    - 71-008336
    - 71-012397
    - 71-012642
    - 71-013012
    - 71-013014
    - 71-013021
    - 71-013027
    - 71-013031
    - 71-013036
    - 71-013040
  - Management/Research--Reservoirs
    - 71-005532
    - 71-006015
    - 71-007169
    - 71-007315
    - 71-013107
  - Manganese
    - 71-011149
  - Marking/Tagging
    - 71-012355
    - 71-012600
  - Maturation
    - 71-006433
  - Mercury
    - 71-010534
    - 71-010535
  - Metabolic Rates
    - 71-003935
    - 71-004180
  - Modeling
    - 71-012764
    - 71-012826
  - Mortality Factors
    - 71-006171
    - 71-008410
  - Mortality Rates
    - 71-005895
    - 71-005895
    - 71-006015
    - 71-006107
    - 71-006143
    - 71-007646
    - 71-008364
  - Movements
    - 71-006656
    - 71-006691
    - 71-006741
    - 71-006742
  - Myxobilatus
    - 71-009251
  - Nematodes
    - 71-009767
    - 71-009975
    - 71-009976
  - Nervous System
    - 71-002753
  - Nutrient Requirements
    - 71-000672
    - 71-000782
  - Nutrition
    - 71-000782
  - Olfaction
    - 71-005114
  - Orientation/Homing
    - 71-005173
    - 71-006691
  - Oxygen
    - 71-002406

...CONTINUED...
- Micropterus salmoides
  - Oxygen
    - 71-004103
  - Parasites/Diseases
    - 71-008906
    - 71-008948
    - 71-009007
    - 71-009008
    - 71-009115
    - 71-009124
    - 71-009226
    - 71-009251
    - 71-009520
    - 71-009581
    - 71-009613
    - 71-009680
    - 71-009767
    - 71-009975
    - 71-009976
  - Parasitic Copepods
    - 71-009581
  - Parathion
    - 71-010785
  - Permethrin
    - 71-011261
  - Philometroides
    - 71-009975
  - Photoperiodism
    - 71-005324
  - Polyculture
    - 71-000316
    - 71-000329
    - 71-000458
    - 71-000473
  - Pond Culture
    - 71-000316
  - Population Studies
    - 71-005987
    - 71-005992
    - 71-006015
    - 71-006071
    - 71-006098
    - 71-006132
    - 71-006143
    - 71-006161
    - 71-007646
    - 71-008410
    - 71-011622
    - 71-012160
    - 71-012213
    - 71-012733
    - 71-012764
    - 71-012787
    - 71-013021
    - 71-013031
    - 71-013107
    - 71-013352
  - Pounce
    - 71-011261
  - Predator/Prey Relationships
    - 71-006763
    - 71-007048
    - 71-007233
    - 71-007270
    - 71-007315
    - 71-007348
    - 71-009464
    - 71-011021
    - 71-011440
    - 71-013036
  - Production
    - 71-005992
    - 71-006107
    - 71-006107
  - Proteocephalus
    - 71-009520
  - Protozoan Diseases
    - 71-009114
    - 71-009115
    - 71-009251
  - Pugheadedness
    - 71-001878
  - Pulp Mill Effluents
    - 71-007397
    - 71-010045
  - Red-Sore Disease
    - 71-009115
    - 71-009124
  - Red-Spot Disease
    - 71-009114
  - Regulations
    - 71-012248
  - Reproduction
    - 71-013011
  - Sampling
    - 71-012600
  - Season
    - 71-003935
  - Sewage Effluents
    - 71-007397
    - 71-010045
  - Sex Determination
    - 71-013392
  - Sexual Dimorphism
    - 71-013392
  - Size Limits
    - 71-012248
    - 71-012258
    - 71-012262
    - 71-012268
  - Spawning
    - 71-006171
    - 71-006549
    - 71-010109
  - Spawning Cycle Regulation
    - 71-000398
  - Spawning Suppression
    - 71-008420

...CONTINUED...
- Micropterus salmoides
  - Specific Dynamic Action
    - 71-004179
    - 71-004180
  - Standing Crop
    - 71-005992
  - Stocking/Introductions
    - 71-012397
    - 71-012890
    - 71-013021
  - Stress
    - 71-002446
  - Striking Behavior
    - 71-005058
  - Supplemental Feeding
    - 71-013027
    - 71-013034
  - Supplemental Stocking
    - 71-012875
  - Swimming Performance
    - 71-002671
    - 71-005396
  - Temperature
    - 71-002406
    - 71-002498
    - 71-003876
    - 71-003877
    - 71-003935
    - 71-004286
    - 71-004287
    - 71-005396
    - 71-006969
  - Temperature Selection
    - 71-004287
    - 71-005321
    - 71-005428
  - Textrema hopkinsi
    - 71-009613
  - Thanite
    - 71-011573
  - Thermal Pollution
    - 71-004286
    - 71-006691
    - 71-009114
    - 71-010015
    - 71-010109
    - 71-010151
    - 71-010422
  - Thermal Regulation
    - 71-002649
    - 71-003317
    - 71-003318
    - 71-003876
    - 71-003877
    - 71-005321
  - Transportation
    - 71-000965
  - Trematodes
    - 71-009613
    - 71-009680
  - Trophic Relationships
    - 71-007214
    - 71-013031
  - Vision
    - 71-002753
    - 71-005114
    - 71-005225
  - Weather
    - 71-008427
  - Year Class Strength
    - 71-006132
    - 71-006132
- Micropterus salmoides floridanus
  - Age/Growth
    - 71-007495
    - 71-007633
    - 71-007676
    - 71-010321
    - 71-013029
  - Catchability
    - 71-007495
    - 71-013029
    - 71-013039
  - Competition
    - 71-006520
  - Feeding Experiments
    - 71-000793
  - Foods/Feeding
    - 71-007139
  - Forage Introductions
    - 71-007139
  - Life History/General
    - 71-005531
    - 71-005532
  - Management/Research--General
    - 71-005532
  - Management/Research--Lakes
    - 71-007139
  - Management/Research--Ponds
    - 71-007495
    - 71-013039
  - Management/Research--Reservoirs
    - 71-012453
  - Nutrient Requirements
    - 71-000793
  - Spawning Suppression
    - 71-006520
  - Starvation
    - 71-004347
  - Stocking/Introductions
    - 71-012388
    - 71-012416
    - 71-012444
    - 71-012453
  - Temperature
    - 71-000793
    - 71-013029
  - Thermal Pollution
    - 71-010321

...CONTINUED...
- Micropterus salmoides floridanus
  - Thermal Pollution
    - 71-012453
- Micropterus salmoides salmoides
  - Age/Growth
    - 71-007495
    - 71-007664
    - 71-007676
    - 71-010321
    - 71-013029
  - Catchability
    - 71-007495
    - 71-013029
    - 71-013039
  - Feeding Experiments
    - 71-000793
  - Management/Research--Ponds
    - 71-007495
    - 71-013039
  - Nutrient Requirements
    - 71-000793
  - Starvation
    - 71-004347
  - Temperature
    - 71-000793
    - 71-013029
  - Thermal Pollution
    - 71-010321
- Micropterus salmoides salmoides X M. s. floridanus
  - Age/Growth
    - 71-007676
- Micropterus treculi
  - Hybridization
    - 71-004595
  - Life History/General
    - 71-005661
  - Sex Determination
    - 71-013392
  - Sexual Dimorphism
    - 71-013392
- Microspathodon chrysurus
  - Lunar Activity
    - 71-006468
  - Spawning
    - 71-006468
- Microspathodon dorsalis
  - Foods/Feeding
    - 71-007125
    - 71-007126
    - 71-007127
  - Trophic Relationships
    - 71-007125
    - 71-007126
- Microstomus pacificus
  - Catch Per Unit Effort
    - 71-005982
  - Chlorinated Hydrocarbons
    - 71-010298
  - DDT
    - 71-010298
  - Early Development
    - 71-005787
  - Fin Erosion
    - 71-010298
  - Foods/Feeding
    - 71-007171
  - Habitat Selection
    - 71-005275
  - Insecticides
    - 71-010298
  - Mycoplasmas
    - 71-009790
  - Parasites/Diseases
    - 71-009790
    - 71-009920
    - 71-010298
  - Population Studies
    - 71-005982
    - 71-008348
  - Sewage Effluents
    - 71-009790
    - 71-010013
  - Tumors
    - 71-009790
    - 71-009920
  - Year Class Strength
    - 71-008348
- Minictenogobiops
  - New Genus
    - 71-008595
- Minous
  - Taxonomy
    - 71-008556
- Minous dempsterae
  - New Species
    - 71-008556
- Minytrema melanops
  - Abundance/Factors of
    - 71-007338
  - Competition
    - 71-006838
  - Development
    - 71-002058
  - Distribution/Factors of
    - 71-007338
  - Early Development
    - 71-003014
  - Embryology
    - 71-002058
  - Foods/Feeding
    - 71-006838
    - 71-007338
  - Habitat Alterations
    - 71-007338
  - Helminths
    - 71-009584
  - Life History/General
    - 71-005876

...CONTINUED...

- Minytrema melanops
  - Parasites/Diseases
    - 71-009584
- Mirogrex terrae-sanctae
  - Light
    - 71-006571
  - Spawning
    - 71-006571
  - Temperature
    - 71-006571
  - Trophic Relationships
    - 71-006934
- Misgurnus anguillicaudatus
  - Culture/Propagation
    - 71-000538
    - 71-004154
  - DDT
    - 71-011547
  - Dieldrin
    - 71-011547
  - Endocrinology
    - 71-004246
  - Gills
    - 71-001669
  - Induced Maturation
    - 71-000538
    - 71-003131
    - 71-003677
  - Monocrotophos
    - 71-011547
  - Pituitary
    - 71-002013
    - 71-004246
  - Polyploidy
    - 71-004739
  - Reproduction
    - 71-003677
  - Temperature
    - 71-004154
- Misgurnus fossilis
  - Antiseptics
    - 71-010725
  - Dimethyl Sulfate
    - 71-010983
  - Embryology
    - 71-002429
    - 71-002786
    - 71-003068
  - Nucleus Transplantation
    - 71-002786
  - Radionuclides
    - 71-011381
- Mola mola
  - Cirkennedya porlockensis
    - 71-009649
  - Distribution/Geographical
    - 71-007977
  - Parasites/Diseases
    - 71-009649
  - Respiratory System
    - 71-001373
  - Trematodes
    - 71-009649
- Molidae
  - Distribution/Geographical
    - 71-008208
- Monacanthidae
  - Foods/Feeding
    - 71-006782
- Monopterus albus
  - Sex Reversal
    - 71-004183
- Monopterus cuchia
  - Mucous Secretion
    - 71-003560
- Morco steindachneri
  - Schooling Behavior
    - 71-005104
- Mormyridae
  - Abundance/Factors of
    - 71-011884
  - Bouixella
    - 71-009622
  - Ecology
    - 71-005752
  - Electric Organs
    - 71-005752
  - Electrical Communication
    - 71-005091
  - Electroreception
    - 71-004221
  - Foods/Feeding
    - 71-006792
  - Impoundment
    - 71-011884
  - Parasites/Diseases
    - 71-009622
  - Spawning
    - 71-006200
  - Trematodes
    - 71-009622
- Morone
  - Distribution/Seasonal
    - 71-006603
  - Foods/Feeding/Selectivity
    - 71-006810
  - Hybridization
    - 71-000296
    - 71-004663
  - Variation Studies
    - 71-004742
- Morone americana
  - Abnormalities
    - 71-001798
    - 71-001799
  - Ammonia
    - 71-004119

...CONTINUED...

- Morone americana
  - Chlorine
    - 71-010617
    - 71-010847
    - 71-011081
    - 71-011162
    - 71-011163
  - Distribution/Geographical
    - 71-007914
    - 71-012390
  - Distribution/Seasonal
    - 71-006667
  - Early Development
    - 71-008572
  - Ergasilus labracis
    - 71-009703
  - Gill Parasites
    - 71-008980
  - Hermaphroditism
    - 71-002598
  - Identification/Larvae
    - 71-008572
    - 71-008785
  - Ozone
    - 71-010617
    - 71-011293
  - Parasites/Diseases
    - 71-008905
    - 71-008980
    - 71-009703
    - 71-009763
    - 71-009795
  - Parasitic Copepods
    - 71-009703
  - Parasitic Isopods
    - 71-009763
  - pH
    - 71-004119
  - Power Plant Effluents
    - 71-011081
    - 71-011162
    - 71-011163
  - Respiration
    - 71-002355
  - Salinity
    - 71-004119
  - Shear Stress
    - 71-012699
  - Stocking/Introductions
    - 71-012390
  - Temperature
    - 71-002355
    - 71-005060
    - 71-005061
    - 71-005062
  - Temperature Selection
    - 71-005060
    - 71-005061
    - 71-005062
  - Thermal Pollution
    - 71-011081
  - Trematodes
    - 71-009795
  - Urocleidus nactus
    - 71-009795
- Morone chrysops
  - Age/Growth
    - 71-006165
    - 71-007435
    - 71-007610
  - Camallanus oxycephalus
    - 71-009938
  - Chlorine
    - 71-011090
  - Distribution/Geographical
    - 71-007910
    - 71-008546
  - Fecundity
    - 71-006187
    - 71-006486
  - Foods/Feeding
    - 71-006829
  - Foods/Feeding/Selectivity
    - 71-006951
  - Heavy Metals
    - 71-010445
  - Hybridization
    - 71-012420
  - Identification
    - 71-008868
  - Locomotion
    - 71-005392
  - Management/Research--Reservoirs
    - 71-004536
    - 71-006165
    - 71-012420
  - Mercury
    - 71-010445
  - Morphology
    - 71-001510
  - Mortality Rates
    - 71-006165
  - Nematodes
    - 71-009938
  - Parasites/Diseases
    - 71-009938
  - Population Studies
    - 71-006165
  - Power Plant Effluents
    - 71-011090
  - Sex Ratios
    - 71-006186
  - Spawning
    - 71-006186
    - 71-006486
  - Stocking/Introductions
    - 71-012420

...CONTINUED...

- Morone chrysops
  - Temperature
    - 71-002498
    - 71-003512
  - Variation Studies
    - 71-004536
- Morone chrysops x M. saxatilis
  - Stress
    - 71-004223
- Morone mississippiensis
  - Distribution/Geographical
    - 71-008129
- Morone saxatilis
  - Abnormalities
    - 71-001610
    - 71-001681
  - Abundance
    - 71-006142
  - Abundance/Factors of
    - 71-006130
    - 71-008329
    - 71-008437
    - 71-011908
  - Activity Patterns
    - 71-004920
  - Age/Growth
    - 71-003898
    - 71-007514
    - 71-007587
    - 71-012478
  - Aroclor
    - 71-010678
  - Benzene
    - 71-011003
  - Bibliographies
    - 71-013452
  - Bioenergetics
    - 71-002747
  - Blood Chemistry
    - 71-002475
  - Brood Stock
    - 71-000149
  - Cadmium
    - 71-010734
  - Cage Culture
    - 71-000664
  - Chlorine
    - 71-010057
    - 71-010669
    - 71-011147
    - 71-011162
    - 71-011163
  - Commercial Fishing
    - 71-013277
  - Competition
    - 71-008363
  - Craspedacusta Sowerbyi
    - 71-006857
  - Creel Census
    - 71-012157
  - Culture/Propagation
    - 71-000149
    - 71-000280
    - 71-000281
    - 71-000282
    - 71-000283
    - 71-000284
    - 71-000285
    - 71-000286
    - 71-000287
    - 71-000288
    - 71-000289
    - 71-000290
    - 71-000291
    - 71-000293
    - 71-000294
    - 71-000297
    - 71-000577
    - 71-000613
    - 71-000633
    - 71-000664
    - 71-000682
    - 71-006965
    - 71-011752
  - Digestion Rates
    - 71-003519
  - Distribution/Geographical
    - 71-008224
  - Distribution/Seasonal
    - 71-006667
  - Early Development
    - 71-003898
    - 71-008329
    - 71-008572
  - Electrophoresis
    - 71-004793
  - Ergasilus labracis
    - 71-009703
    - 71-009859
  - Feeding Experiments
    - 71-000682
    - 71-006965
  - Flow Regimes
    - 71-004920
    - 71-006130
  - Foods/Feeding
    - 71-006825
    - 71-006836
    - 71-012478
  - Foods/Feeding/Selectivity
    - 71-006965
  - Fry Production
    - 71-000289
  - Fungal Diseases
    - 71-009226
  - Genetic Strains
    - 71-004793
  - Habitat Selection
    - 71-005432

...CONTINUED...

- Morone saxatilis
  - Hardness
    - 71-000287
  - Harvest
    - 71-006142
    - 71-012164
  - Heavy Metals
    - 71-010189
    - 71-010734
  - Herbicides
    - 71-011112
  - Hybridization
    - 71-012420
  - Hydrostatic Pressure
    - 71-002211
  - Identification
    - 71-008868
  - Identification/Larvae
    - 71-008572
    - 71-008785
  - Induced Maturation
    - 71-000280
  - Karyotypes
    - 71-004757
  - Life History/General
    - 71-005827
    - 71-005836
    - 71-005874
    - 71-013452
  - Light
    - 71-003519
  - Lipid Metabolism
    - 71-002572
  - Locomotion
    - 71-005012
  - Management/Research--General
    - 71-000294
    - 71-005827
    - 71-005874
    - 71-011752
    - 71-013161
    - 71-013452
  - Management/Research--Ponds
    - 71-008363
  - Management/Research--Reservoirs
    - 71-012379
    - 71-012380
    - 71-012420
  - Marking/Tagging
    - 71-012364
  - Mercury
    - 71-010734
  - Metabolic Rates
    - 71-003273
    - 71-003313
  - Mortality Factors
    - 71-000290
    - 71-006857
    - 71-008329
  - Mortality Rates
    - 71-007514
    - 71-008390
  - Movements
    - 71-006579
    - 71-006608
    - 71-006621
    - 71-006653
    - 71-006719
  - Nets/Netting
    - 71-012589
  - Oil
    - 71-010596
    - 71-011003
  - Otoliths
    - 71-007587
  - Oxygen
    - 71-003273
  - Ozone
    - 71-011279
  - Parasites/Diseases
    - 71-000281
    - 71-008955
    - 71-009003
    - 71-009226
    - 71-009703
    - 71-009763
    - 71-009859
  - Parasitic Copepods
    - 71-009703
    - 71-009859
  - Parasitic Isopods
    - 71-009763
  - Polychlorinated Biphenyls
    - 71-010678
  - Pond Culture
    - 71-000285
    - 71-000288
    - 71-000293
    - 71-000297
    - 71-000577
    - 71-000633
  - Population Studies
    - 71-005911
    - 71-006091
    - 71-006142
    - 71-012478
    - 71-013161
  - Power Plant Effluents
    - 71-010057
    - 71-010075
    - 71-010669
    - 71-011162
    - 71-011163
  - Predator/Prey Relationships
    - 71-006857
    - 71-007136
  - Pressure Effects
    - 71-002211

...CONTINUED...
Morone saxatilis
  Recirculating Systems
    71-000284
    71-000286
    71-000291
  Rheotropism
    71-004920
  Salinity
    71-000287
    71-002475
    71-003273
  Shear Stress
    71-012699
  Simazine
    71-000039
    71-011112
  Spawning
    71-006314
    71-006360
    71-006555
  Spawning Migration
    71-006608
  Stocking/Introductions
    71-012164
    71-012379
    71-012380
    71-012420
    71-012478
  Stress
    71-000290
  Swimbladder
    71-002335
    71-002599
  Swimming Performance
    71-002745
    71-002746
    71-002747
  Temperature
    71-001681
    71-002475
    71-003273
    71-003313
    71-003898
    71-003979
    71-004948
    71-005432
    71-010669
  Temperature Selection
    71-004948
    71-005432
  Thermal Pollution
    71-003979
    71-010057
    71-010669
  Thermal Shock
    71-001681
  Tide Gates
    71-011908
  Trace Metals
    71-010189
  Water Diversions
    71-012082
  Year Class Strength
    71-005901
    71-006130
    71-008437
Morone saxatilis X M. americana
  Age/Growth
    71-007514
  Mortality Rates
    71-007514
Morone saxatilis X M. chrysops
  Identification
    71-008868
  Thermal Pollution
    71-010098
Moxostoma atripinne
  Dactylogyrus atripinnei
    71-009954
  Parasites/Diseases
    71-009954
  Trematodes
    71-009954
Moxostoma duquesnei
  Distribution/Geographical
    71-007991
Moxostoma erythrurum
  Helminths
    71-009584
  Identification/Larvae
    71-008576
  Parasites/Diseases
    71-009584
  Trifluralin
    71-010435
Moxostoma lachneri
  Coloration
    71-006214
  Spawning
    71-006214
Moxostoma macrolepidotum
  Chlordane
    71-011284
  Early Development
    71-001459
  Electrophoresis
    71-004559
  Enzymes
    71-004559
  Insecticides
    71-011284
  Lissorchis hypentelii
    71-009990
  Parasites/Diseases
    71-009990
  Spawning
    71-006213
  Trematodes
    71-009990

...CONTINUED...
Moxostoma macrolepidotum
  Trifluralin
    71-010435
  Variation Studies
    71-004559
Moxostoma poecilurum
  Cestodes
    71-009991
  Parasites/Diseases
    71-009991
  Rogersus rogersi
    71-009991
Moxostomatini
  Electrophoresis
    71-004560
    71-008497
  Taxonomy
    71-008497
Mugil
  Abundance/Factors of
    71-008397
  Immune Response
    71-009365
  Myxobolus exiguus
    71-009365
  Myxosporida
    71-009365
  Parasites/Diseases
    71-009365
  Protozoan Diseases
    71-009365
Mugil auratus
  Reproductive System
    71-001444
  Spawning
    71-006550
Mugil capito
  Culture/Propagation
    71-000321
  Fertilization/Soil and Water
    71-000321
  Gills
    71-001761
  Osmoregulation
    71-003450
    71-003806
    71-003807
    71-003809
  Pond Culture
    71-000321
Mugil cephalus
  Age/Growth
    71-000320
    71-005796
  Amino Acids
    71-006931
  Bacterial Diseases
    71-009098
    71-009157
    71-009212
  Biochemical Composition
    71-003765
  Blood Chemistry
    71-003659
    71-004092
  Condition Factors
    71-007441
  Culture/Propagation
    71-000320
    71-000341
    71-000558
    71-000568
    71-000569
    71-000623
    71-000629
    71-004508
  Digestive System
    71-007091
  Digestive System/Bacterial Flora
    71-002887
    71-002888
    71-003582
  Distribution/Geographical
    71-007844
    71-008141
  Endocrinology
    71-004431
  Eubacterium tarantellus
    71-009212
  Fertilization/Soil and Water
    71-000320
  Fin Rot
    71-009098
    71-009157
  Flow Regimes
    71-005349
  Foods/Feeding
    71-005796
    71-006787
    71-006852
    71-006931
    71-007092
    71-007135
  Foods/Feeding/Selectivity
    71-007091
  Gill Parasites
    71-009828
  Gills
    71-001620
    71-001621
  Habitat Selection
    71-005723
  Heated Water
    71-000568
  Hormones
    71-003330
  Hydrocarbons
    71-010092

...CONTINUED...
Mugil cephalus
  Hydrocarbons
    71-010816
  Induced Maturation
    71-000623
    71-004508
  Insecticides
    71-011035
  Karyotypes
    71-004689
  Length-Weight Relationships
    71-007441
  Life History/General
    71-005555
  Metabolic Rates
    71-003739
  Metamicrocotyla macracantha
    71-009809
  Methoxychlor
    71-011035
  Mirex
    71-011035
  Mortality Rates
    71-006086
  Myxosoma microspora
    71-009828
  Oil
    71-009098
    71-010690
    71-010816
  Olfaction
    71-006931
  Osmoregulation
    71-002261
    71-002262
    71-003660
  Parasites/Diseases
    71-008898
    71-009098
    71-009157
    71-009212
    71-009788
    71-009809
    71-009828
    71-009886
    71-009887
  Parasitic Copepods
    71-009887
  Plethorchis acanthus
    71-009788
  Polychlorinated Biphenyls
    71-010500
  Polyculture
    71-000341
    71-000568
    71-000629
  Pond Culture
    71-000320
    71-000341
    71-000568
    71-000629
  Predator/Prey Relationships
    71-007085
    71-007341
  Protein Synthesis
    71-002921
  Protozoan Diseases
    71-009828
  Reproduction
    71-003330
    71-004508
    71-006178
  Respiration
    71-003567
    71-003739
  Salinity
    71-004160
    71-005723
    71-007085
  Schooling Behavior
    71-003739
    71-005723
    71-007085
  Spawning
    71-006178
    71-006263
    71-006550
  Starvation
    71-003856
  Swimbladder
    71-003628
  Swimming Performance
    71-005080
    71-005280
    71-005349
  Taste and Odor Problems
    71-010092
  Taste Reception
    71-006931
  Temperature
    71-003659
    71-004160
    71-005349
    71-005723
    71-007085
  Trematodes
    71-009788
    71-009809
    71-009886
  Vibrio
    71-009098
    71-009157
Mugil chelo
  Culture/Propagation
    71-000988
  Salinity
    71-000988
Mugil curema
  Karyotypes
    71-004689

...CONTINUED...
Mugil curema
  Life History/General
    71-005801
  Population Studies
    71-006149
  Production
    71-006149
  Respiration
    71-003567
Mugil dussumieri
  Culture/Propagation
    71-000307
    71-000474
  Feeding Experiments
    71-000474
  Insecticides
    71-000307
  Polyculture
    71-000474
  Pond Culture
    71-000307
    71-000474
Mugil macrolepis
  Culture/Propagation
    71-000849
  Feeding Experiments
    71-000849
  Metabolic Rates
    71-003484
  Respiration
    71-003484
Mugil parsia
  Culture/Propagation
    71-000749
  Feeding Experiments
    71-000749
  Pond Culture
    71-000749
Mugil saliens
  Chlorophos
    71-011558
  Culture/Propagation
    71-004508
  Early Development
    71-004510
  Embryology
    71-004510
  Hexachlorane
    71-011558
  Induced Maturation
    71-004508
  Insecticides
    71-011558
  Reproduction
    71-004508
  Spawning
    71-006550
Mugilidae
  Blood Chemistry
    71-003767
  Body Form
    71-001584
  Digestive System
    71-003757
  Distribution/Factors of
    71-006791
  Distribution/Geographical
    71-007716
  Foods/Feeding
    71-006790
    71-006791
  Identification/Larvae
    71-008838
  Immune Response
    71-009366
  Insecticides
    71-010042
  Kepone
    71-010042
  Morphology
    71-001978
  Myxobolus exiguus
    71-009366
  Myxosporida
    71-009366
  Parasites/Diseases
    71-009366
  Protozoan Diseases
    71-009366
  Sexual Dimorphism
    71-001585
  Variation Studies
    71-001585
Mugilogobius pongolensis
  New Species
    71-008647
Mullidae
  Life History/General
    71-005760
  Population Studies
    71-005760
Mullus barbatulus ponticus
  Abundance/Factors of
    71-008397
Mullus barbatus
  Chlorinated Hydrocarbons
    71-010407
Muraenesox cinereus
  Parasites/Diseases
    71-009513
  Trematodes
    71-009513
Muraenichthys breviceps
  Taxonomy
    71-008507
Muraenidae
  Life History/General
    71-005716

...CONTINUED...
- Muraenidae
  - New Species
    - 71-008484
  - Vertebral Counts
    - 71-001765
- Mustelus antarcticus
  - Amino Acids
    - 71-002697
  - Arsenic
    - 71-010158
  - Blood Chemistry
    - 71-002697
  - Heavy Metals
    - 71-010158
  - Selenium
    - 71-010158
- Mustelus asterias
  - Lipid Composition
    - 71-002482
- Mustelus canis
  - Activity Patterns
    - 71-006594
  - Age/Growth
    - 71-007675
  - Blood Chemistry
    - 71-002291
    - 71-004346
  - Temperature Selection
    - 71-004936
  - Thermal Regulation
    - 71-004936
- Mustelus himani
  - Length-Weight Relationships
    - 71-007444
- Mustelus manazo
  - Age/Growth
    - 71-007642
- Mycteroperca
  - Distribution/Geographical
    - 71-007940
  - Habitat Selection
    - 71-007940
- Mycteroperca microlepis
  - Age/Growth
    - 71-007549
  - Age/Length Composition
    - 71-007549
  - Harvest
    - 71-012171
  - Induced Maturation
    - 71-003893
  - Management/Research--Marine
    - 71-012171
  - Maturation
    - 71-003893
  - Sex Reversal
    - 71-003893
- Mycteroperca phenax
  - Harvest
    - 71-012171
  - Management/Research--Marine
    - 71-012171
- Mycteroperca rosacea
  - Foods/Feeding
    - 71-007129
- Myctophidae
  - Abundance
    - 71-006617
  - Distribution/Geographical
    - 71-008701
  - Distribution/Vertical
    - 71-006617
  - Eggs
    - 71-006572
  - Foods/Feeding
    - 71-006940
    - 71-006941
  - Spawning
    - 71-006572
  - Taxonomy
    - 71-008701
- Myctophiformes
  - Olfaction
    - 71-002083
- Myctophum nitidulum
  - Digestion Rates
    - 71-007292
  - Foods/Feeding
    - 71-007292
- Mylio
  - Fish Lists/Keys
    - 71-007699
  - Identification
    - 71-007699
- Mylio macrocephalus
  - Bacterial Diseases
    - 71-009163
  - Culture/Propagation
    - 71-000663
    - 71-000951
  - Feeding Experiments
    - 71-000951
  - Induced Maturation
    - 71-000663
  - Parasites/Diseases
    - 71-009163
  - Pasteurella piscicida
    - 71-009163
  - Phosphorus
    - 71-000951
- Myliobatis californica
  - Spawning
    - 71-006552
- Mylocheilus caurinus
  - Bioenergetics
    - 71-005907
  - Foods/Feeding
    - 71-007227

...CONTINUED...
- Mylocheilus caurinus
  - Mortality Rates
    - 71-005907
  - Population Studies
    - 71-005907
- Mylopharodon conocephalus
  - Habitat Selection
    - 71-004878
- Mylopharyngodon piceus
  - Induced Maturation
    - 71-000343
- Mylossoma
  - Culture/Propagation
    - 71-000940
  - Feeding Experiments
    - 71-000940
- Myoxocephalus aenaeus
  - Early Development
    - 71-001741
  - Embryology
    - 71-001741
- Myoxocephalus brandti
  - Electrical Fields/Skin
    - 71-002237
- Myoxocephalus octodecimspinosus
  - Circulatory System
    - 71-002444
- Myoxocephalus quadricornis
  - Bile Composition
    - 71-003188
  - Foods/Feeding
    - 71-007331
  - Heavy Metals
    - 71-011195
  - Mercury
    - 71-011195
  - Metabolism
    - 71-003188
  - Taxonomy
    - 71-008674
  - Variation Studies
    - 71-008674
- Myoxocephalus scorpius
  - Biochemical Composition
    - 71-002963
  - Digestion Rates
    - 71-006770
  - Foods/Feeding
    - 71-006770
    - 71-006826
    - 71-007291
  - Heavy Metals
    - 71-010039
  - Nervous System
    - 71-002047
    - 71-002048
  - Parasites/Diseases
    - 71-009257
  - Pleistophora typicalis
    - 71-009257
  - Protozoan Diseases
    - 71-009257
- Myoxocephalus verrucosus
  - Antifreeze Production
    - 71-003865
- Myoxocephalus yaok
  - Electrical Fields/Skin
    - 71-002237
- Mystus cavasius
  - Fecundity
    - 71-006198
- Mystus seenghala
  - Cardio-Vascular System
    - 71-001981
  - Fecundity
    - 71-006198
- Mystus tengara
  - Endocrinology
    - 71-003957
- Mystus vittatus
  - Carbaryl
    - 71-010574
  - Endocrinology
    - 71-002296
  - Salinity
    - 71-002153
- Myxine circifrons
  - Olfaction
    - 71-004209
- Myxine glutinosa
  - Biochemical Composition
    - 71-003897
  - Blood
    - 71-001763
  - Blood Chemistry
    - 71-002666
  - Cardio-Vascular System
    - 71-001379
  - Endocrinology
    - 71-003244
  - Foods/Feeding
    - 71-007230
  - Gills
    - 71-001883
  - Histology
    - 71-001936
  - Lactate Dehydrogenase
    - 71-004792
  - Musculature
    - 71-001936
  - Olfaction
    - 71-005020
  - Reproduction
    - 71-003244
  - Steroids
    - 71-003249
- Myxocyprinus
  - Morphology
    - 71-001828
- Myxodagnus opercularis walkeri
  - New Subspecies
    - 71-008543
- Nannacara anomala
  - Aggressive Behavior
    - 71-005113
- Nannobrachium
  - Taxonomy
    - 71-008884
  - Zoogeography
    - 71-008884
- Nannocampus
  - Taxonomy
    - 71-008534
- Narcine brasiliensis
  - Acanthobothrium electricolum
    - 71-009530
  - Acanthobothrium lintoni
    - 71-009530
  - Cestodes
    - 71-009530
  - Parasites/Diseases
    - 71-009530
- Naucrates ductor
  - Foods/Feeding
    - 71-006939
- Nautichthys oculofasciatus
  - Light
    - 71-003470
- Negaprion brevirostris
  - Fins
    - 71-001666
  - Foods/Feeding
    - 71-007073
  - Integument
    - 71-005433
  - Locomotion
    - 71-005048
    - 71-005433
  - Predator/Prey Relationships
    - 71-006954
  - Rheotropism
    - 71-005048
    - 71-005200
  - Skeletal System
    - 71-001665
  - Vision
    - 71-001624
    - 71-005363
- Nemacanthus
  - Paleontology
    - 71-008663
- Nemachilus barbatulus
  - Biochemical Composition
    - 71-003390
  - Integument
    - 71-003390
  - Mucus
    - 71-003390
- Nematalosa nasus
  - Abnormalities
    - 71-001638
- Nemateleotris magnifica
  - Parasites/Diseases
    - 71-009519
  - Parasitic Copepods
    - 71-009519
  - Serpentisaccus magnificae
    - 71-009519
- Nematocentris maccullochi
  - Olfaction
    - 71-001440
    - 71-002095
- Nematocentris splendida
  - Reproduction
    - 71-006196
  - Salinity
    - 71-002241
  - Spawning
    - 71-006196
  - Temperature
    - 71-002241
- Nemipterus delagoae
  - Distribution/Geographical
    - 71-008142
- Nemipterus japonicus
  - Age/Growth
    - 71-007528
  - Length-Weight Relationships
    - 71-007658
  - Mortality Rates
    - 71-006021
- Nemophini
  - Distribution/Geographical
    - 71-008787
  - Taxonomy
    - 71-008787
- Neoceratodus forsteri
  - Cardio-Vascular System
    - 71-001674
  - Dentition
    - 71-001663
    - 71-001664
- Neochanna burrowsius
  - Droughts
    - 71-008328
  - Foods/Feeding
    - 71-006888
  - Habitat Selection
    - 71-005577
  - Life History/General
    - 71-005576
- Neogobius
  - Taxonomy
    - 71-008732
    - 71-008733
- Neogobius kessleri
  - Life History/General
    - 71-005597
- Neogobius melanostomus
  - Embryology
    - 71-011166
  - Population Studies
    - 71-006019
  - Radionuclides
    - 71-011166
  - Sex Ratios
    - 71-006019
  - Year-Class Strength
    - 71-006019
- Neoheterandria tridentiger
  - Coloration
    - 71-005216
  - Sexual Dichromism
    - 71-005216
  - Spawning
    - 71-006529
- Neophrynichthys
  - New Species
    - 71-008710
  - Taxonomy
    - 71-008710
- Neopomacentrus miryae
  - New Species
    - 71-008551
- Neoscorpis lithophilus
  - Enenterum
    - 71-009529
  - Parasites/Diseases
    - 71-009529
  - Trematodes
    - 71-009529
- Neothunnus albacora
  - Heavy Metals
    - 71-010301
  - Mercury
    - 71-010301
- Nephrotus
  - Dentition
    - 71-001851
  - Skeletal System
    - 71-001851
- Nettastomidae
  - Distribution/Geographical
    - 71-008209
- Nibea albiflora
  - Age/Growth
    - 71-007506
  - Sound Production
    - 71-005410
- Nibea chui
  - Distribution/Geographical
    - 71-007950
- Nocomis micropogon
  - Early Development
    - 71-001460
    - 71-001486
  - Embryology
    - 71-001486
  - Hybridization
    - 71-001486
  - Identification/Larvae
    - 71-001460
  - Temperature
    - 71-003298
- Nocomis micropogon X Rhinichthys cataract
  - Hybridization
    - 71-004807
- Nocomis platyrhynchus
  - Hybridization
    - 71-004808
- Noemacheilus barbatulus
  - Cadmium
    - 71-011399
  - Coloration
    - 71-002461
  - Embryology
    - 71-003887
  - Foods/Feeding
    - 71-007176
  - Gills
    - 71-001926
  - Heavy Metals
    - 71-011399
  - Helminths
    - 71-009904
  - Parasites/Diseases
    - 71-009904
  - Reproductive System
    - 71-001917
    - 71-003886
  - Zinc
    - 71-011399
- Noemacheilus smithi
  - New Species
    - 71-008609
- Noemacheilus triangularis
  - Age/Growth
    - 71-003325
  - Biochemical Composition
    - 71-003325
  - Food Conversion Efficiency
    - 71-003325
  - Metabolic Rates
    - 71-003326
  - Reproduction
    - 71-003889
  - Respiration
    - 71-003326
  - Sexual Dimorphism
    - 71-001698
- Nomeus albula
  - Foods/Feeding
    - 71-006939
- Notacanthidae
  - Morphology
    - 71-001586

- otacanthiformes
  - Identification
    - 71-008789
  - Morphology
    - 71-008789
- otacanthus chemnitzi
  - Distribution/Geographical
    - 71-008112
- otacanthus nasus
  - Parasites/Diseases
    - 71-009784
  - Trematodes
    - 71-009784
- otemigonus crysoleucas
  - Abundance/Factors of
    - 71-008339
  - Baitfish Culture
    - 71-000734
  - Chemical Reclamation
    - 71-011605
  - Chlorine
    - 71-010876
    - 71-011414
  - Culture/Propagation
    - 71-000491
    - 71-000734
  - Distribution/Factors of
    - 71-008339
  - Endocrinology
    - 71-002545
    - 71-002546
    - 71-004305
  - Feeding Experiments
    - 71-000491
    - 71-000734
  - Foods/Feeding
    - 71-007080
  - Foods/Feeding/Selectivity
    - 71-006962
  - Formalin
    - 71-011414
  - Golden Shiner Virus
    - 71-009448
    - 71-009457
  - Heavy Metals
    - 71-010819
  - Hormones
    - 71-002544
  - Identification/Larvae
    - 71-008802
  - Light
    - 71-002538
    - 71-002539
    - 71-002540
    - 71-002543
    - 71-004305
  - Lipid Metabolism
    - 71-002548
    - 71-003738
  - Management/Research--Ponds
    - 71-011605
  - Meristic Studies
    - 71-004562
  - Nitrofurazone
    - 71-009351
  - Parasites/Diseases
    - 71-009351
    - 71-009448
    - 71-009457
  - Pineal Body
    - 71-004305
  - Piscicides
    - 71-011605
  - Pleistophora ovariae
    - 71-009351
  - Pond Culture
    - 71-000734
  - Protozoan Diseases
    - 71-009351
  - Reproduction
    - 71-002540
  - Reproductive System
    - 71-002538
    - 71-002539
    - 71-002544
  - Rotenone
    - 71-011605
  - Salinity
    - 71-003593
  - Scales
    - 71-004373
  - Skeletal System
    - 71-004373
    - 71-004374
  - Spawning
    - 71-002543
  - Temperature
    - 71-002538
    - 71-002539
    - 71-002540
    - 71-002543
    - 71-011414
  - Trace Metals
    - 71-010819
  - Trophic Relationships
    - 71-008339
  - Variation Studies
    - 71-004562
  - Viral Diseases
    - 71-009448
    - 71-009457
- Nothobranchius guentheri
  - Behavior
    - 71-005056
  - Diapause
    - 71-003468
    - 71-003487

...CONTINUED...

- Nothobranchius guentheri
  - Embryology
    - 71-002166
    - 71-003468
    - 71-003469
    - 71-003487
  - Light
    - 71-003469
  - Reproduction
    - 71-002166
  - Spawning
    - 71-005056
- Nothobranchius korthausae
  - Embryology
    - 71-001719
    - 71-003408
- Nothobranchius neumanni
  - Embryology
    - 71-001720
- Nothobranchius orthonotus
  - Distribution/Geographical
    - 71-007985
- Notiocampus ruber
  - Taxonomy
    - 71-008534
- Notolepis annulata
  - New Species
    - 71-008740
- Notolepis coatsi
  - Early Development
    - 71-002084
  - Taxonomy
    - 71-008740
- Notolychnus valdiviae
  - Foods/Feeding
    - 71-006830
- Notopterus
  - Sexual Dimorphism
    - 71-001493
- Notopterus notopterus
  - Phenols
    - 71-011496
  - Taste Reception
    - 71-001697
- Notorynchus maculatus
  - Algal Infections
    - 71-009518
  - Parasites/Diseases
    - 71-009518
- Nototaenidae
  - Antifreeze Production
    - 71-003851
  - Temperature
    - 71-003851
- Notothenia
  - Distribution/Geographical
    - 71-008727
  - Fecundity
    - 71-006387
  - Taxonomy
    - 71-008467
    - 71-008727
- Notothenia gibberifrons
  - Foods/Feeding
    - 71-007134
- Notothenia kempi
  - Distribution/Geographical
    - 71-008727
  - Parasites/Diseases
    - 71-009746
  - Taxonomy
    - 71-008727
  - Trematodes
    - 71-009746
- Notothenia macrophthalma
  - Distribution/Geographical
    - 71-008727
  - Taxonomy
    - 71-008727
- Notothenia rossi
  - Foods/Feeding
    - 71-006352
  - Movements
    - 71-006352
  - Musculature
    - 71-004326
  - Spawning
    - 71-006352
- Notothenia rossi marmorata
  - Age/Growth
    - 71-007424
    - 71-007614
- Notothenia squamifrons
  - Distribution/Geographical
    - 71-008727
  - Taxonomy
    - 71-008727
- Notothenia squamifrons atlantica
  - New Subspecies
    - 71-008727
- Nototheniidae
  - Age/Growth
    - 71-007621
  - Antifreeze Production
    - 71-002614
- Notropis
  - Electrophoresis
    - 71-004558
  - Foods/Feeding
    - 71-007109
  - Hybridization
    - 71-004714
  - Trophic Relationships
    - 71-007109
  - Variation Studies
    - 71-004558
- Notropis albeolus
  - Evolution
    - 71-004713

...CONTINUED...

- Notropis albeolus
  - Oxygen
    - 71-003499
  - pH
    - 71-003499
  - Temperature
    - 71-003499
- Notropis analostanus
  - Communication
    - 71-005399
  - Distribution/Seasonal
    - 71-006746
  - Fecundity
    - 71-006276
  - Sound Production
    - 71-005399
  - Spawning
    - 71-005399
    - 71-006276
- Notropis anogenus
  - Aldrin
    - 71-011463
  - Heptachlor
    - 71-011463
  - Insecticides
    - 71-011463
- Notropis ardens
  - Bioenergetics
    - 71-001985
  - Distribution/Seasonal
    - 71-006746
  - Life History/General
    - 71-001985
  - Oxygen
    - 71-003499
  - pH
    - 71-003499
  - Spawning
    - 71-001985
  - Temperature
    - 71-003499
- Notropis atherinoides
  - Abundance/Factors of
    - 71-013074
  - Chlorine
    - 71-010786
    - 71-011090
  - Dicauda atherinoida
    - 71-009296
  - Foods/Feeding
    - 71-007109
    - 71-007337
  - Parasites/Diseases
    - 71-009296
  - Population Studies
    - 71-013074
  - Power Plant Effluents
    - 71-010786
    - 71-011090
  - Protozoan Diseases
    - 71-009296
  - Temperature
    - 71-003513
  - Trophic Relationships
    - 71-007109
  - Variation Studies
    - 71-001913
- Notropis bairdi
  - Distribution/Geographical
    - 71-008030
- Notropis blennius
  - Foods/Feeding
    - 71-007337
- Notropis boops
  - Spawning
    - 71-006383
- Notropis cerasinus
  - Distribution/Geographical
    - 71-007678
  - Hybridization
    - 71-004641
  - Oxygen
    - 71-003499
  - pH
    - 71-003499
  - Temperature
    - 71-003499
- Notropis cerasinus X N. c. cornutus
  - Hybridization
    - 71-004713
- Notropis cerasinus X Phoxinus oreas
  - Hybridization
    - 71-004641
- Notropis chalybaeus
  - Distribution/Geographical
    - 71-008168
- Notropis chrysocephalus
  - Competition
    - 71-006924
  - Foods/Feeding
    - 71-006923
    - 71-006924
  - Hybridization
    - 71-004808
- Notropis coccogenis
  - Variation Studies
    - 71-004743
- Notropis cornutus
  - Chlorine
    - 71-011090
  - Electrophorsis
    - 71-008687
  - Evolution
    - 71-008687
  - Habitat Selection
    - 71-005407
  - Heavy Metals
    - 71-010634

...CONTINUED...

- Notropis cornutus
  - Hybridization
    - 71-004766
  - Insecticides
    - 71-010758
  - Iron
    - 71-010634
  - Life History/General
    - 71-005776
  - Light
    - 71-004975
  - Malathion
    - 71-010758
  - Myxobolus
    - 71-009275
  - Myxosoma notropis
    - 71-009274
  - Myxosporida
    - 71-009274
    - 71-009275
  - Parasites/Diseases
    - 71-009274
    - 71-009275
  - Pigments
    - 71-001381
  - Power Plant Effluents
    - 71-011090
  - Protozoan Diseases
    - 71-009274
    - 71-009275
  - Rheotropism
    - 71-004975
    - 71-005407
  - Taxonomy
    - 71-008687
  - Temperature
    - 71-003298
    - 71-004975
  - Temperature Selection
    - 71-005426
    - 71-010758
  - Tetracycline Hydrochloride
    - 71-011349
  - Trophic Relationships
    - 71-005407
  - Vision
    - 71-001381
- Notropis cornutus X Rhinichthys cataractae
  - Hybridization
    - 71-004766
- Notropis dorsalis
  - Foods/Feeding
    - 71-007109
  - Trophic Relationships
    - 71-007109
- Notropis henryi
  - Taxonomy
    - 71-008587
- Notropis heterodon
  - Competition
    - 71-007345
  - Foods/Feeding
    - 71-007345
  - Habitat Selection
    - 71-007345
- Notropis heterolepis
  - Competition
    - 71-007345
  - Foods/Feeding
    - 71-007345
  - Habitat Selection
    - 71-007345
- Notropis hubbsi
  - New Species
    - 71-008465
- Notropis hudsonius
  - Biological Indicators
    - 71-010450
  - Cestodes
    - 71-009781
  - Chlorine
    - 71-011351
  - Distribution/seasonal
    - 71-006746
  - Foods/Feeding/Selectivity
    - 71-006810
  - Ligula intestinalis
    - 71-009781
  - Organochlorines
    - 71-010450
  - Parasites/Diseases
    - 71-009781
  - Predator/Prey Relationships
    - 71-007347
- Notropis hybognathus nuchalis
  - Abundance/Factors of
    - 71-008339
  - Distribution/Factors of
    - 71-008339
  - Trophic Relationships
    - 71-008339
- Notropis hypselopterus
  - Foods/Feeding
    - 71-006981
- Notropis leucoidus
  - Variation Studies
    - 71-004743
- Notropis lirus
  - Taxonomy
    - 71-008799
- Notropis longirostris
  - Age/Growth
    - 71-005646
  - Distribution/Factors of
    - 71-006970
  - Foods/Feeding
    - 71-006970
  - Life History/General
    - 71-005645

CONTINUED...
Notropis longirostris
Spawning
71-005646
Notropis lutrensis
Ammonia
71-010875
Chlorine
71-010875
Dissolved Solids
71-005197
Distribution/Geographical
71-008082
Electrophoresis
71-003883
Enzymes
71-003883
Evolution
71-008528
Foods/Feeding
71-007269
Habitat Selection
71-005195
71-005197
71-005198
Oxygen
71-003500
pH
71-003500
71-005197
Spawning
71-006259
Taxonomy
71-008528
Temperature
71-003883
71-005197
Thermal Shock
71-003500
Zoogeography
71-008528
Notropis maculatus
Distribution/Geographical
71-008164
Notropis ornatus
Evolution
71-008528
Taxonomy
71-008528
Zoogeography
71-008528
Notropis ozarcanus
Distribution/Geographical
71-007772
Notropis panarcys
New Species
71-008628
Notropis petersoni
Foods/Feeding
71-006981
Notropis pilsbryi
Foods/Feeding
71-005737
71-007099
Habitat Selection
71-005737
Population Studies
71-005737
Notropis proserpinus
Distribution/Geographical
71-008628
Notropis rubellus
Chlorine
71-010698
Temperature Selection
71-006717
Thermal Pollution
71-006717
Notropis rubricroceus
Variation Studies
71-004743
Notropis sabinae
Life History/General
71-005645
Notropis scabriceps
Dactylogyrus
71-009579
Parasites/Diseases
71-009579
Trematodes
71-009579
Notropis scepticus
Dactylogyrus
71-009579
Distribution/Geographical
71-005633
Life History/General
71-005633
Parasites/Diseases
71-009579
Trematodes
71-009579
Notropis signipinnis
Vision
71-005043
Notropis spilopterus
Ammonia
71-011289
Chlorine
71-011090
Foods/Feeding
71-007109
71-007337
Identification/Larvae
71-008802
Power Plant Effluents
71-011090
Spawning
71-006278

...CONTINUED...
Notropis spilopterus
Spawning
71-006492
Spawning Behavior
71-006277
Temperature Selection
71-006717
Thermal Pollution
71-006717
Trophic Relationships
71-007109
Notropis stramineus
Competition
71-006924
Foods/Feeding
71-006923
71-006924
71-007109
71-007337
Temperature
71-003298
Trophic Relationships
71-007109
Notropis texanus
Age/Growth
71-007396
Notropis tropicus
New Species
71-008629
Notropis umbratilis
Distribution/Geographical
71-008798
Taxonomy
71-008798
Notropis venustus
Age/Growth
71-007397
Distribution/Geographical
71-008053
Foods/Feeding
71-006963
Marking/Tagging
71-012308
Pulp Mill Effluents
71-007397
71-010045
Sewage Effluents
71-007397
71-010045
Notropis vigilax
Spawning
71-006492
Notropis volucellus
Abundance/Factors of
71-008339
Distribution/Factors of
71-008339
Distribution/Geographical
71-008026
Foods/Feeding
71-007080
Foods/Feeding/Selectivity
71-007157
Predator/Prey Relationships
71-007157
Trophic Relationships
71-008339
Notropis whipplei
Foods/Feeding
71-007337
Notropis zonistius
Foods/Feeding
71-007098
Noturus exilis
Distribution/Geographical
71-008169
Noturus flavus
Distribution/Geographical
71-007893
71-008173
Karyotypes
71-004688
Teratology
71-001616
Noturus gyrinus
Age/Growth
71-007547
Fecundity
71-007547
Noturus miurus
Parasites/Diseases
71-008909
Noturus taylori
Habitat Selection
71-008167
Zoogeography
71-008167
Nybelinella brevidorsalis
New Species
71-008783
Ocyurus chrysurus
Temperature
71-004333
Odax pullus
Taxonomy
71-008758
Variation Studies
71-008758
Odonus niger
Locomotion
71-004905
Ogcocephalus
Taxonomy
71-008490
Okkelbergia
Taxonomy
71-008849

Okkelbergia aepyptera
Distribution/Geographical
71-008170
Life History/General
71-005809
Oligocottus maculosus
Age/Growth
71-007419
Age/Length Composition
71-006049
Habitat Selection
71-006676
Movements
71-006050
Population Studies
71-006049
71-006050
Temperature
71-006676
Oligocottus snyderi
Foods/Feeding
71-007353
Habitat Selection
71-006676
Temperature
71-006676
Omobranchus punctatus
Distribution/Geographical
71-007715
Ompok bimaculatus
Sexual Dimorphism
71-001426
Oncorhynchus
Abundance
71-006583
Acoustical Methods
71-013386
Aeromonas salmonicida
71-008936
71-009047
71-009169
Age/Growth
71-007579
71-013292
Bacterial Diseases
71-008936
71-009047
71-009074
71-009110
71-009123
71-009134
71-009169
71-009170
71-009186
Bacterial Kidney Disease
71-009134
71-009186
Benzene
71-011157
Cage Culture
71-000193
Chlorinated Hydrocarbons
71-010302
Chlorine
71-011026
Commercial Fishing
71-005896
71-013213
71-013279
Corpuscle of Stannius
71-002123
Culture/Propagation
71-000154
71-000169
71-000191
71-000193
71-000194
71-000228
71-000234
71-000239
71-000252
71-000253
71-000260
71-000276
71-000413
71-001021
71-012472
Dams
71-011902
DDT
71-010302
Dieldrin
71-010302
Digestive System/Bacterial Flora
71-004251
Distribution/Seasonal
71-005640
Early Development
71-001683
Economic Values
71-012197
71-012209
71-012210
71-013279
Egg Production
71-000154
Egg Sorting
71-001021
Embryology
71-003665
Endocrinology
71-002123
Fish Measurements
71-013385
Fisherman Surveys
71-012209
Fishways
71-011902

...CONTINUED...
Oncorhynchus
Fishways
71-012694
Flexibacter columnaris
71-008936
Foods/Feeding
71-005640
Forestry Practices
71-012976
Furunculosis
71-009169
Fusobacteria
71-009123
Gallbladder Lesions
71-009673
Gamete Storage
71-000236
Gas Bubble Disease
71-009522
71-009616
71-009833
71-009837
Harvest
71-005896
71-012124
71-013292
Heated Water
71-000413
IHN
71-008936
Immune Response
71-009047
Immunization
71-009074
Incubation
71-006340
Incubators
71-000239
Indian Treaty Rights
71-012962
Insecticides
71-010302
Life History/General
71-011687
Limited Entry
71-012252
Management/Research--General
71-011656
71-011686
71-011687
71-011695
Management/Research--Lakes
71-012848
Management/Research--Marine
71-012197
71-013213
71-013236
71-013292
Management/Research--Rivers and Stream
71-012429
71-012923
71-012928
71-012937
71-012962
71-012967
71-012976
Marking/Tagging
71-012320
Mortality Factors
71-008398
Mortality Rates
71-013292
Movements
71-006434
71-006583
Net-Pen Culture
71-000194
71-000228
Nets/Netting
71-012623
Ocean Ranching
71-000191
71-000228
71-000413
Oil
71-011157
Orientation/Homing
71-005238
71-006434
Osmoregulation
71-002448
Oxygen
71-003665
Parasites/Diseases
71-008936
71-009047
71-009074
71-009110
71-009123
71-009134
71-009169
71-009170
71-009186
71-009417
71-009522
71-009616
71-009673
71-009833
71-009837
Parr-Smolt Transformation
71-002448
Polychlorinated Biphenyls
71-010302
Population Studies
71-005896
71-006088
71-012741
71-012820
71-013292

...CONTINUED...
Oncorhynchus
Population Studies
71-013386
Predator/Prey Relationships
71-006808
71-007177
Regulations
71-012252
71-012266
Renibacterium salmoninarum
71-009186
Reproduction
71-003000
Restoration of Anadromous Runs
71-012976
Road Construction
71-012976
Sampling
71-012623
Siltation
71-012976
Spawning
71-006270
71-006340
Spawning Migration
71-006434
71-012320
Steroids
71-003000
Stocking/Introductions
71-012417
71-012429
71-012456
71-012457
71-012472
Subsistence Fishing
71-011725
Supplemental Stocking
71-012429
Telemetry
71-012320
Vertical Raceways
71-000194
Vibrio anguillarum
71-008936
71-009047
71-009110
71-009169
71-009170
Vibriosis
71-009074
71-009170
Viral Diseases
71-008936
71-009417
Viral Erythrocytic Necrosis
71-009417
Vulnerability to Angling
71-013246
Oncorhynchus gorbuscha
Abundance/Factors of
71-008349
Acetylcholine
71-010619
Activity Patterns
71-005029
Age/Growth
71-007460
Age/Length Composition
71-013293
Bark Extracts
71-010651
Biochemical Composition
71-003863
Cadmium
71-011355
Cage Culture
71-000923
Catecholamines
71-010619
Copper
71-011355
Culture/Propagation
71-000157
71-000159
71-000199
71-000223
71-000224
71-000225
71-000256
71-000733
71-000923
71-005402
71-007460
71-007727
71-009238
71-012929
Detergents
71-010619
Distribution/Geographical
71-007713
71-007727
71-007997
Electrophoresis
71-004526
71-004736
Embryology
71-001986
71-003233
Endocrinology
71-001565
71-002685
Enzymes
71-003472
Evolution
71-008469
Feeding Experiments
71-000733

...CONTINUED...
Oncorhynchus gorbuscha
Feeding Experiments
71-000923
Fish Preservation
71-013362
Fungal Diseases
71-009238
Galactosomum phalacrocoracis
71-009865
Harvest
71-006016
Heavy Metals
71-011355
Histology
71-001819
Hormones
71-002685
Hybridization
71-004526
Incubators
71-000157
71-000159
71-000199
Induced Maturation
71-000223
71-000224
Locomotion
71-005392
Logging Residue
71-010651
Management/Research--Marine
71-013293
Maturation
71-004318
71-006561
Maturity
71-006332
Mercury
71-011355
Morphology
71-001415
Mortality Rates
71-008349
71-008434
Movements
71-006199
71-006355
71-006704
Net-Pen Culture
71-000923
71-005402
Orientation/Homing
71-006189
71-006355
Osmoregulation
71-003862
Parasites/Diseases
71-009238
71-009865
Pigments
71-012371
Pollution Avoidance
71-010161
Population Studies
71-005916
71-006016
71-006083
71-008349
Production
71-000157
71-005919
71-008349
Pulp Mill Effluents
71-010161
Reproductive System
71-001819
Saprolegnia
71-009238
Spawning
71-003863
71-005919
71-006255
71-006374
71-006561
Spawning Channels
71-012929
Spawning Cycle Regulation
71-000225
Spawning Migration
71-006355
Stocking/Introductions
71-006355
Swimming Performance
71-005402
Temperature
71-000733
Trematodes
71-009865
Variation Studies
71-004736
Weight Estimation
71-013362
Oncorhynchus keta
Abundance/Factors of
71-008367
Age/Growth
71-005673
71-005688
71-005721
71-007017
71-007616
Age/Length Composition
71-005943
71-007599
Amino Acids
71-004168
71-004482

...CONTINUED...
Oncorhynchus keta
Bacterial Diseases
71-009144
Blood Chemistry
71-002904
71-003576
Copper
71-011001
71-011560
Culture/Propagation
71-000200
71-000201
71-000211
71-000212
71-000226
71-000237
71-000257
71-000910
71-000933
71-005688
Cuprous carbonate
71-011560
Diets
71-000910
Digestive System/Bacterial Flora
71-004236
Distribution/Geographical
71-007829
DNA
71-002896
Electrophoresis
71-002904
Embryology
71-004482
Endocrinology
71-002344
71-002596
71-003088
71-003218
Exercise
71-004168
Feeding Experiments
71-000910
71-000933
71-005688
Feeds
71-000910
Fertilization
71-000200
Flow Regimes
71-005673
Foods/Feeding
71-005673
71-005721
71-006968
71-007016
71-007017
71-007072
71-007235
71-007236
Furanace
71-011191
Gamete Storage
71-000201
Habitat Selection
71-006685
Heavy Metals
71-010646
71-011001
71-011403
71-011560
Hermaphroditism
71-002980
71-002994
Hormones
71-002344
71-002596
71-003088
71-004483
Immunization
71-009144
Incubators
71-000226
Induced Maturation
71-003086
Lactate Dehydrogenase
71-004665
Life History/General
71-005984
Management/Research--General
71-000237
Mercury
71-010646
71-011403
Metabolic Rates
71-002925
Metabolism
71-004168
Methanol
71-010717
Morphology
71-001578
Movements
71-005673
71-005688
71-006408
71-006595
71-006648
71-007017
Nifurpirinol
71-011191
Nutrient Requirements
71-000933
Nutrition
71-000910
Olfaction
71-003186
Orientation/Homing
71-003186

...CONTINUED...
Oncorhynchus keta
Orientation/Homing
71-006408
Osmoregulation
71-002988
71-003576
Oxygen
71-002925
Parasites/Diseases
71-009144
71-009434
Phosphorus
71-000933
Pond Culture
71-000212
Population Studies
71-005914
71-005915
71-005984
71-006083
Production
71-006055
71-006968
71-007235
Reproduction
71-004249
71-004250
Spawning
71-006222
71-008367
Spawning Migration
71-006408
71-006409
Stocking/Introductions
71-000237
71-012410
Temperature
71-007599
Trophic Relationships
71-006055
71-006968
71-007235
71-007236
Variation Studies
71-004665
Vibrio anguillarum
71-009144
Viral Diseases
71-009434
Viral Erythrocytic Necrosis
71-009434
Vitellogenin
71-003084
Oncorhynchus kisutch
Abundance/Factors of
71-006129
71-008355
71-012965
Acetylcholine
71-010619
Aeromonas hydrophila
71-009105
Aeromonas liquefaciens
71-009091
Aeromonas salmonicida
71-009048
71-009049
71-009093
71-009105
Age/Growth
71-007609
71-012881
Aggressive Behavior
71-004970
Altosid
71-011120
Ammonia
71-010652
71-011407
Anemia
71-010653
Anodonta oregonensis
71-011156
Aroclor
71-011106
Aromatic Hydrocarbons
71-011296
71-011344
Bacterial Diseases
71-009048
71-009049
71-009092
71-009093
71-009105
71-009108
71-009130
71-009146
71-009187
71-009189
71-009190
71-009191
71-009192
71-009195
71-009209
71-009217
71-010932
71-011430
71-011437
Bacterial Kidney Disease
71-009091
71-009130
71-009187
71-009209
71-009217
71-010932
Baculovirus
71-009395
Bark Extracts
71-011240

...CONTINUED...
- Oncorhynchus kisutch
  - Bayer 73
    - 71-010601
  - Benzene
    - 71-011297
  - Bioenergetics
    - 71-004207
  - Blood Chemistry
    - 71-002331
    - 71-002577
    - 71-002806
    - 71-002808
    - 71-004430
  - Cadmium
    - 71-010692
    - 71-010766
    - 71-011062
    - 71-011063
    - 71-011347
    - 71-011489
  - Cage Culture
    - 71-000248
  - Catecholamines
    - 71-010619
  - Chlorine
    - 71-010653
    - 71-010654
    - 71-010655
    - 71-010697
    - 71-010876
    - 71-011351
  - Chromium
    - 71-011063
    - 71-011437
    - 71-011438
    - 71-011439
  - Competition
    - 71-004876
    - 71-005027
    - 71-006129
    - 71-008355
  - Copper
    - 71-010692
    - 71-011058
    - 71-011059
    - 71-011060
    - 71-011062
    - 71-011063
    - 71-011347
    - 71-011430
  - Corpuscle of Stannius
    - 71-002124
  - Corynebacterium
    - 71-009217
    - 71-010932
  - Corynebacterium salmoninus
    - 71-009130
  - Culture/Propagation
    - 71-000167
    - 71-000173
    - 71-000177
    - 71-000178
    - 71-000179
    - 71-000192
    - 71-000195
    - 71-000196
    - 71-000197
    - 71-000198
    - 71-000218
    - 71-000230
    - 71-000231
    - 71-000248
    - 71-000264
    - 71-000271
    - 71-000277
    - 71-000400
    - 71-000587
    - 71-000732
    - 71-000739
    - 71-000808
    - 71-000811
    - 71-000900
    - 71-000952
    - 71-000955
    - 71-000966
    - 71-000996
    - 71-001000
    - 71-003448
  - Cytophaga psychrophila
    - 71-009189
  - DDD
    - 71-011192
  - Decompression
    - 71-004430
  - Detergents
    - 71-010619
  - Dieldrin
    - 71-011192
  - Diets
    - 71-000739
  - Dimilin
    - 71-011120
  - Distribution/Geographical
    - 71-008063
    - 71-008230
  - Distribution/Seasonal
    - 71-006612
  - Distribution/Vertical
    - 71-006612
  - Early Development
    - 71-003386
  - Egg Survival
    - 71-008320
  - Egg Weight
    - 71-001432
  - Electrophoresis
    - 71-002866
    - 71-003352

...CONTINUED...
- Oncorhynchus kisutch
  - Electrophoresis
    - 71-003471
  - Embryology
    - 71-003386
    - 71-010635
  - Endocrinology
    - 71-002124
    - 71-002577
    - 71-002578
    - 71-002756
    - 71-002978
    - 71-003383
    - 71-003523
    - 71-003549
    - 71-003553
    - 71-003611
    - 71-011031
  - Enzymes
    - 71-002865
    - 71-002866
    - 71-003352
    - 71-004501
  - Fecundity
    - 71-006528
  - Feeding Experiments
    - 71-000732
    - 71-000739
    - 71-000808
    - 71-000811
    - 71-000900
    - 71-000952
  - Feeds
    - 71-000808
  - Fertility
    - 71-000167
  - Fire Retardants
    - 71-010957
  - Flame Retardants
    - 71-010611
  - Flexibacter columnaris
    - 71-009189
  - Foods/Feeding
    - 71-007359
  - Foods/Feeding/Selectivity
    - 71-006894
    - 71-007011
  - Fry Emergence
    - 71-005192
  - Gas Bubble Disease
    - 71-009830
    - 71-010625
  - Genetic Strains
    - 71-000231
  - Goiters
    - 71-009810
  - Growth Stimulants
    - 71-000177
    - 71-000178
    - 71-000179
    - 71-000197
    - 71-000198
    - 71-000230
    - 71-000277
    - 71-000732
    - 71-000996
    - 71-002756
    - 71-002978
    - 71-002979
  - Habitat Selection
    - 71-004876
    - 71-005027
  - Harvest
    - 71-012881
  - Heavy Metals
    - 71-010633
    - 71-010635
    - 71-010692
    - 71-010766
    - 71-011058
    - 71-011059
    - 71-011060
    - 71-011062
    - 71-011063
    - 71-011347
    - 71-011388
    - 71-011430
    - 71-011437
    - 71-011438
    - 71-011439
    - 71-011489
    - 71-011490
  - Herbicides
    - 71-011061
    - 71-011150
  - Histology
    - 71-001819
  - Hormones
    - 71-000177
    - 71-002578
    - 71-002979
    - 71-003383
  - Hydrocarbons
    - 71-011297
  - Immune Response
    - 71-004311
    - 71-009171
    - 71-011430
  - Immunization
    - 71-009092
  - Immunoglobulins
    - 71-004309
  - Imprinting
    - 71-005370
  - Induced Maturation
    - 71-000400
  - Insect Juvenile Hormone Analogues
    - 71-011120

...CONTINUED...
- Oncorhynchus kisutch
  - Insecticides
    - 71-011192
  - Iron
    - 71-010633
    - 71-010635
  - Iron Hydroxide
    - 71-010633
    - 71-011388
  - Lactate Dehydrogenase
    - 71-003471
  - Lead
    - 71-011489
    - 71-011490
  - Leaping Behavior
    - 71-005406
  - Life History/General
    - 71-005548
  - Light
    - 71-002450
    - 71-003448
  - Malachite Green
    - 71-010600
  - Management/Research--Lakes
    - 71-012881
  - Management/Research--Rivers and Streams
    - 71-012965
  - Margaritifera margaritifera
    - 71-009643
    - 71-009805
  - Mariculture
    - 71-000587
  - Marking/Tagging
    - 71-012374
    - 71-012375
  - Mercury
    - 71-011063
  - Metabolism
    - 71-003415
    - 71-003417
  - Minnow Traps
    - 71-012490
  - Mirex
    - 71-011031
    - 71-011192
  - Mortality Factors
    - 71-002299
  - Mortality Rates
    - 71-008387
  - Movements
    - 71-005900
    - 71-006595
    - 71-006612
    - 71-006697
  - Mucus
    - 71-002299
  - Naphthalene
    - 71-010707
  - Nematodes
    - 71-009786
  - Net-Pen Culture
    - 71-000195
  - Nickel
    - 71-011063
  - Nitrite
    - 71-011131
    - 71-011238
  - Nutrition
    - 71-000952
  - Oil
    - 71-011156
    - 71-011164
    - 71-011296
    - 71-011344
  - Olfaction
    - 71-005084
  - Organochlorines
    - 71-009933
  - Orientation/Homing
    - 71-004877
    - 71-005117
    - 71-005370
    - 71-006233
    - 71-006235
    - 71-006496
  - Osmoregulation
    - 71-002124
    - 71-002271
    - 71-002447
    - 71-002451
    - 71-002466
    - 71-002724
    - 71-002727
    - 71-002807
    - 71-002911
    - 71-003371
    - 71-003386
    - 71-003549
    - 71-003553
    - 71-003611
    - 71-011438
  - Oxygen
    - 71-004207
  - Parasites/Diseases
    - 71-008999
    - 71-009048
    - 71-009049
    - 71-009091
    - 71-009092
    - 71-009093
    - 71-009105
    - 71-009108
    - 71-009130
    - 71-009146
    - 71-009171
    - 71-009187
    - 71-009189
    - 71-009190

...CONTINUED...
- Oncorhynchus kisutch
  - Parasites/Diseases
    - 71-009191
    - 71-009192
    - 71-009195
    - 71-009209
    - 71-009217
    - 71-009395
    - 71-009643
    - 71-009786
    - 71-009805
    - 71-009810
    - 71-009830
    - 71-009933
    - 71-010653
    - 71-010932
    - 71-011156
    - 71-011430
    - 71-011437
  - Parasitic Molluscs
    - 71-009643
    - 71-009805
    - 71-011156
  - Parr-Smolt Transformation
    - 71-002124
    - 71-002447
    - 71-002450
    - 71-002577
    - 71-002726
    - 71-002727
    - 71-004421
    - 71-004501
  - Pentachlorophenate
    - 71-010932
  - Phototropism
    - 71-005192
  - Pigmenters
    - 71-000264
  - Piscicides
    - 71-010601
  - Pollution Avoidance
    - 71-010697
  - Polychlorinated Biphenyls
    - 71-010841
    - 71-011031
    - 71-011106
    - 71-011192
  - Population Studies
    - 71-005900
    - 71-006129
  - Power Plant Effluents
    - 71-010697
  - Predator/Prey Relationships
    - 71-007170
  - Production
    - 71-006129
  - Pulp Mill Effluents
    - 71-010828
    - 71-010934
    - 71-011127
    - 71-011130
  - Put-Grow-and-Take
    - 71-012384
    - 71-012385
    - 71-012386
  - Recirculating Systems
    - 71-000192
  - Reproduction
    - 71-003448
  - Reproductive System
    - 71-001819
  - Rhabodochona kisutchi
    - 71-009786
  - Salinity
    - 71-002298
    - 71-002299
    - 71-002911
    - 71-005026
  - Scales
    - 71-002299
    - 71-007609
  - Selective Breeding
    - 71-000196
  - Sex Reversal
    - 71-001000
  - Size at Release
    - 71-012384
    - 71-012385
    - 71-012386
  - Social Behavior
    - 71-004995
  - Spawning
    - 71-008063
    - 71-008320
  - Spawning Cycle Regulation
    - 71-003448
  - Sperm
    - 71-002300
  - Steroids
    - 71-000177
  - Stocking/Introductions
    - 71-012378
    - 71-012384
    - 71-012385
    - 71-012386
    - 71-012441
    - 71-012458
    - 71-012470
    - 71-012479
  - Stress
    - 71-000271
    - 71-000955
    - 71-000966
    - 71-004430
    - 71-004995
    - 71-011347
  - Supplemental Feeding
    - 71-012965

...CONTINUED...
- Oncorhynchus kisutch
  - Survival
    - 71-008344
    - 71-012384
    - 71-012385
    - 71-012386
  - Swimming Performance
    - 71-000218
  - Swimming Speed
    - 71-005026
  - TBM
    - 71-011343
  - TCDD
    - 71-011150
  - Techniques
    - 71-012385
    - 71-012386
  - Temperature
    - 71-002450
    - 71-004501
    - 71-005026
    - 71-008355
    - 71-010635
    - 71-010707
  - Testosterone
    - 71-000179
  - TFM
    - 71-010601
  - Thermal Pollution
    - 71-006697
  - Thyroid Hyperplasia
    - 71-009933
  - Tobramycin
    - 71-011343
  - Transportation
    - 71-000955
    - 71-000966
  - Treatment Plant Effluents
    - 71-010653
    - 71-010654
    - 71-010655
  - Trophic Relationships
    - 71-006894
  - Vibrio
    - 71-009195
  - Vibrio anguillarum
    - 71-009048
    - 71-009049
    - 71-009092
    - 71-009108
    - 71-009190
    - 71-009191
    - 71-009192
    - 71-009217
  - Vibriosis
    - 71-009108
    - 71-009146
    - 71-009191
    - 71-009217
  - Viral Diseases
    - 71-009395
  - Wood Leachates
    - 71-011240
  - Zinc
    - 71-010692
    - 71-011058
    - 71-011059
    - 71-011062
    - 71-011063
- Oncorhynchus masou
  - Aeromonas salmonicida
    - 71-009185
  - Age/Growth
    - 71-006018
    - 71-007637
  - Androgenesis
    - 71-004527
  - Bacterial Diseases
    - 71-009185
  - Cell Culture
    - 71-004351
  - Electrophoresis
    - 71-004526
  - Endocrinology
    - 71-002014
    - 71-004461
  - Foods/Feeding
    - 71-006967
  - Fry Stocking
    - 71-012442
  - Furunculosis
    - 71-009185
  - Hybridization
    - 71-004526
  - IPN
    - 71-009466
  - Life History/General
    - 71-005696
  - Lipid Composition
    - 71-003720
  - Movements
    - 71-006595
  - Parasites/Diseases
    - 71-009185
    - 71-009466
    - 71-009844
  - Parr-Smolt Transformation
    - 71-007637
  - Population Studies
    - 71-006018
  - Spawning
    - 71-006331
  - Standing Crop
    - 71-006018
  - Tetraonchus
    - 71-009844
  - Trematodes
    - 71-009844

...CONTINUED...
- Oncorhynchus masou
  - Viral Diseases
    - 71-009466
- Oncorhynchus nerka
  - Abundance/Factors of
    - 71-008368
  - Acetylcholine
    - 71-010619
  - Aeromonas liquefaciens
    - 71-008443
  - Age/Growth
    - 71-004991
    - 71-006022
    - 71-007388
    - 71-007421
    - 71-007638
  - Age/Length Composition
    - 71-006064
  - Amino Acids
    - 71-002691
  - Antibiotics
    - 71-009031
  - Bacterial Diseases
    - 71-008443
    - 71-009050
    - 71-009103
    - 71-009109
    - 71-009187
    - 71-009216
    - 71-010932
  - Bacterial Kidney Disease
    - 71-009187
    - 71-010932
  - Biochemical Composition
    - 71-002712
  - Blood Chemistry
    - 71-002181
  - Cadmium
    - 71-011355
  - Carbon
    - 71-000691
  - Catecholamines
    - 71-010619
  - Cestodes
    - 71-009525
    - 71-010630
  - Copper
    - 71-011355
  - Corynebacterium
    - 71-010932
  - Culture/Propagation
    - 71-000150
    - 71-000171
    - 71-000265
    - 71-000691
    - 71-000692
    - 71-000838
    - 71-007388
    - 71-012665
    - 71-012929
  - Detergents
    - 71-010619
  - Diets
    - 71-000838
    - 71-007388
  - Digestion Rates
    - 71-006866
  - Distribution/Geographical
    - 71-007829
    - 71-008146
  - Egg Planting
    - 71-012477
  - Electrophoresis
    - 71-004633
  - Ergasilus
    - 71-009550
  - Eubothrium salvelini
    - 71-009525
    - 71-010630
  - Excretory System
    - 71-003331
  - Feeding Experiments
    - 71-000691
    - 71-000692
    - 71-000838
    - 71-007388
  - Fertilization
    - 71-000171
  - Fertilization/Soil and Water
    - 71-001307
    - 71-012653
    - 71-012660
    - 71-012664
    - 71-012665
  - Food Conversion Efficiency
    - 71-000691
  - Foods/Feeding
    - 71-004991
    - 71-006887
    - 71-007103
  - Foods/Feeding/Selectivity
    - 71-006819
    - 71-006866
    - 71-006885
  - Forage Introductions
    - 71-012435
  - Fungal Diseases
    - 71-009229
  - Furanace
    - 71-011191
  - Gas Bubble Disease
    - 71-009830
    - 71-009832
    - 71-009834
    - 71-009835
  - Genetic Strains
    - 71-005699
  - Genome Mutations
    - 71-004568

...CONTINUED...
- Oncorhynchus nerka
  - Growth Stimulants
    - 71-002449
  - Harvest
    - 71-006064
    - 71-006104
    - 71-011647
    - 71-012190
    - 71-012205
  - Heavy Metals
    - 71-010630
    - 71-010693
    - 71-011355
  - Hormones
    - 71-000150
  - IHN
    - 71-009388
    - 71-009421
    - 71-009438
    - 71-009468
  - Immunization
    - 71-009050
    - 71-009103
    - 71-009109
  - Karyotypes
    - 71-004630
    - 71-004631
    - 71-004828
  - Lake Culture
    - 71-000265
  - Life History/General
    - 71-005888
    - 71-006022
  - Light
    - 71-002450
  - Locomotion
    - 71-005392
  - Management/Research--General
    - 71-011647
  - Management/Research--Lakes
    - 71-001307
    - 71-005925
    - 71-012435
    - 71-012653
    - 71-012660
    - 71-012664
    - 71-012665
    - 71-012868
  - Management/Research--Reservoirs
    - 71-013065
  - Management/Research--Rivers and Streams
    - 71-012912
    - 71-012940
  - Mercury
    - 71-011355
  - Metabolism
    - 71-003331
  - Mortality Factors
    - 71-004405
    - 71-008443
  - Mortality Rates
    - 71-005925
  - Movements
    - 71-006706
    - 71-006716
  - Nets/Netting
    - 71-012546
  - Nifurpirinol
    - 71-011191
  - Nursery Areas
    - 71-001307
    - 71-012664
  - Nursery Lakes
    - 71-012665
  - Olfaction
    - 71-004910
    - 71-004911
    - 71-004912
    - 71-004913
  - Orientation/Homing
    - 71-004630
    - 71-004910
    - 71-004911
    - 71-004913
    - 71-005298
    - 71-006716
  - Osmoregulation
    - 71-003537
    - 71-003629
  - Otoliths
    - 71-001568
  - Oxytetracycline
    - 71-009031
  - Parasites/Diseases
    - 71-008443
    - 71-009031
    - 71-009050
    - 71-009103
    - 71-009109
    - 71-009187
    - 71-009216
    - 71-009229
    - 71-009388
    - 71-009421
    - 71-009438
    - 71-009468
    - 71-009525
    - 71-009550
    - 71-009724
    - 71-009830
    - 71-009832
    - 71-009834
    - 71-009835
    - 71-010630
    - 71-010932
  - Parasitic Copepods
    - 71-009550
    - 71-009724

...CONTINUED...
- Oncorhynchus nerka
  - Parr-Smolt Transformation
    - 71-002450
  - Pentachlorophenate
    - 71-010932
  - Pigments
    - 71-003260
  - Population Studies
    - 71-001424
    - 71-006022
    - 71-006104
    - 71-006110
    - 71-006138
    - 71-008368
    - 71-011647
    - 71-012190
    - 71-012205
    - 71-012660
  - Predator/Prey Relationships
    - 71-006670
    - 71-006926
  - Production
    - 71-005925
  - Pulp Mill Effluents
    - 71-010623
    - 71-011013
    - 71-011356
    - 71-011527
  - Put-and-Take
    - 71-013065
  - Reproductive System
    - 71-002712
  - Salmincola californiensis
    - 71-009724
  - Saprolegnia
    - 71-009229
  - Scales
    - 71-001445
  - Solar Activity
    - 71-008368
  - Spawning
    - 71-001093
    - 71-006573
  - Spawning Channels
    - 71-012912
    - 71-012929
  - Stocking/Introductions
    - 71-012435
    - 71-012474
    - 71-012477
    - 71-012868
    - 71-013065
  - Supplemental Stocking
    - 71-012940
  - Temperature
    - 71-000691
    - 71-000692
    - 71-002450
    - 71-007388
    - 71-007421
    - 71-007638
  - Thermal Shock
    - 71-003990
  - Variation Studies
    - 71-001424
    - 71-001483
    - 71-004630
    - 71-004633
  - Vibrio anguillarum
    - 71-009050
    - 71-009103
    - 71-009109
  - Viral Diseases
    - 71-009388
    - 71-009421
    - 71-009438
    - 71-009468
  - Water Level Fluctuations
    - 71-013114
  - Zinc
    - 71-010630
    - 71-010693
- Oncorhynchus nerka kennerlyi
  - Distribution/Geographical
    - 71-008101
- Oncorhynchus rhodurus
  - Blood Chemistry
    - 71-004654
  - Hybridization
    - 71-004654
- Oncorhynchus tshawytscha
  - Acanthocephala
    - 71-009480
  - Acid Mine Water
    - 71-010134
  - Aeromonas hydrophila
    - 71-009105
  - Aeromonas liquefaciens
    - 71-009091
  - Aeromonas salmonicida
    - 71-009048
    - 71-009049
    - 71-009091
    - 71-009105
  - Age/Growth
    - 71-007386
  - Albinism
    - 71-001491
  - Ammonium Chloride
    - 71-010877
  - Anesthetics
    - 71-011095
    - 71-011434
  - ATP
    - 71-002658
    - 71-002659
    - 71-002660
  - Bacterial Diseases
    - 71-009048

...CONTINUED...

- Oncorhynchus tshawytscha
  - Bacterial Diseases
    - 71-009049
    - 71-009051
    - 71-009053
    - 71-009083
    - 71-009092
    - 71-009105
    - 71-009166
  - Bacterial Kidney Disease
    - 71-009083
  - Baculovirus
    - 71-009395
  - Bibliographies
    - 71-013463
  - Blood Chemistry
    - 71-004135
    - 71-004136
  - Cadmium
    - 71-010694
  - Ceratomyxa shasta
    - 71-009383
  - Coloration
    - 71-001491
  - Copper
    - 71-010694
    - 71-010798
  - Cortisol
    - 71-004133
  - Creel Census
    - 71-012128
  - Culture/Propagation
    - 71-000203
    - 71-000736
    - 71-000737
    - 71-000738
    - 71-000739
    - 71-000757
    - 71-000941
    - 71-000962
  - Dams
    - 71-012063
    - 71-012684
  - Diets
    - 71-000738
    - 71-000739
    - 71-000757
  - Distribtuion/Vertical
    - 71-006623
  - Echinorhynchus salmonis
    - 71-009480
  - Economic Values
    - 71-012473
  - Egg Weight
    - 71-001432
  - Embryology
    - 71-002132
  - Enzymes
    - 71-003166
    - 71-004359
  - Ergasilus
    - 71-009550
  - Feeding Experiments
    - 71-000736
    - 71-000737
    - 71-000738
    - 71-000739
    - 71-000757
    - 71-000941
  - Fish Passage
    - 71-012670
    - 71-012682
    - 71-012684
  - Foods/Feeding
    - 71-007072
  - Foods/Feeding/Selectivity
    - 71-006841
  - Furanace
    - 71-011095
  - Gas Bubble Disease
    - 71-006623
    - 71-010625
  - Habitat Selection
    - 71-006462
    - 71-006630
  - Heavy Metals
    - 71-010694
    - 71-010798
    - 71-011141
  - Hormones
    - 71-002311
    - 71-003936
  - IHN
    - 71-009427
  - Imidan
    - 71-010961
  - Immune Response
    - 71-009053
  - Immunization
    - 71-009092
  - Impingement/Entrainment
    - 71-012682
  - Incubation
    - 71-002132
  - Induced Maturation
    - 71-000203
  - Insecticides
    - 71-010961
  - IPN
    - 71-009427
  - Jet Boats
    - 71-012988
  - Lectins
    - 71-004310
  - Life History/General
    - 71-005641
  - Light
    - 71-002660

...CONTINUED...

- Oncorhynchus tshawytscha
  - Management/Research--General
    - 71-013463
  - Management/Research--Marine
    - 71-012438
  - Margaritifera margaritifera
    - 71-009643
    - 71-009805
  - Marking/Tagging
    - 71-012363
  - Maturation
    - 71-007386
  - Mercury
    - 71-011141
  - Mine Effluents
    - 71-010134
  - Mortality Rates
    - 71-005986
  - Movements
    - 71-005900
    - 71-006630
    - 71-006697
    - 71-012063
    - 71-012438
    - 71-012670
  - MS-222
    - 71-011095
    - 71-011434
  - Mycobacterium
    - 71-009051
  - Myxobolus insidiosus
    - 71-009381
  - Nitrite
    - 71-010718
  - Nursery Areas
    - 71-005641
  - Osmoregulation
    - 71-002447
    - 71-003166
    - 71-004133
  - Parasites/Diseases
    - 71-000757
    - 71-006623
    - 71-008999
    - 71-009048
    - 71-009049
    - 71-009051
    - 71-009053
    - 71-009083
    - 71-009091
    - 71-009092
    - 71-009105
    - 71-009166
    - 71-009381
    - 71-009383
    - 71-009395
    - 71-009427
    - 71-009480
    - 71-009550
    - 71-009643
    - 71-009805
  - Parasitic Copepods
    - 71-009550
  - Parasitic Molluscs
    - 71-009643
    - 71-009805
  - Parr-Smolt Transformation
    - 71-002447
    - 71-002659
    - 71-004421
  - Pentachlorophenate
    - 71-010931
  - Population Studies
    - 71-005900
    - 71-005920
  - Predator/Prey Relationships
    - 71-006846
  - Production
    - 71-005917
    - 71-005918
    - 71-005920
  - Protozoan Diseases
    - 71-009381
    - 71-009383
  - Pulp Mill Effluents
    - 71-010623
  - Quinaldine
    - 71-011095
  - Radiation
    - 71-010889
  - Radioactive Wastes
    - 71-010889
  - Reproduction
    - 71-002311
    - 71-003936
  - Sodium Pentachlorophenate
    - 71-010933
  - Spawning
    - 71-005918
    - 71-006306
    - 71-006462
    - 71-006463
  - Stocking/Introductions
    - 71-005920
    - 71-012128
    - 71-012398
    - 71-012438
    - 71-012451
    - 71-012463
    - 71-012470
    - 71-012473
  - Stress
    - 71-004133
    - 71-004135
    - 71-004136
    - 71-004137
    - 71-011434
  - Supplemental Stocking
    - 71-012451

...CONTINUED...

- Oncorhynchus tshawytscha
  - Swimming Performance
    - 71-012682
  - Temperature
    - 71-002132
    - 71-002660
    - 71-004137
    - 71-005917
    - 71-005918
  - Temperature Selection
    - 71-005039
  - Thermal
    - 71-006697
  - Transportation
    - 71-000962
  - Variation Studies
    - 71-004682
  - Vibrio anguillarum
    - 71-009048
    - 71-009049
    - 71-009092
    - 71-009166
  - Viral Diseases
    - 71-009395
    - 71-009427
  - Wire Tags
    - 71-012351
  - Zinc
    - 71-010694
    - 71-010798
- Oneirodes alius
  - New Species
    - 71-008773
- Oneirodes macronema
  - Morphology
    - 71-001591
- Oneirodes micronema
  - New Species
    - 71-008612
- Oneirodidae
  - Distribution/Geographical
    - 71-007732
  - Taxonomy
    - 71-008480
- Oostethus lineatus
  - Life History/General
    - 71-005607
- Ophicephalus gachua
  - Endocrinology
    - 71-002410
  - Hormones
    - 71-002410
- Ophichthidae
  - Distribution/Geographical
    - 71-007842
  - Taxonomy
    - 71-008677
- Ophichthus gomesi
  - Early Development
    - 71-001714
  - Metamorphosis
    - 71-001714
- Ophidiiformes
  - Identification
    - 71-008516
  - Taxonomy
    - 71-008516
- Ophidium parrii
  - Taxonomy
    - 71-008459
    - 71-008460
- Ophioblennius atlanticus
  - Territorial Behavior
    - 71-005255
- Ophiocephalus
  - Sexual Dimorphism
    - 71-001493
- Ophiocephalus argus warpachowskii
  - Life History/General
    - 71-005473
  - Morphology
    - 71-005473
- Ophiocephalus punctatus
  - Amino Acids
    - 71-004026
  - Endocrinology
    - 71-003531
  - Endrin
    - 71-011360
  - Enzymes
    - 71-003141
  - Insecticides
    - 71-011360
  - Metabolic Rates
    - 71-002791
  - Temperature
    - 71-002792
- Ophiocephalus striatus
  - Air Breathing
    - 71-004300
    - 71-007313
  - Culture/Propagation
    - 71-000354
    - 71-000382
  - Feeding Experiments
    - 71-000354
    - 71-004299
  - Foods/Feeding
    - 71-007082
    - 71-007313
  - Induced Maturation
    - 71-001009
  - Length-Weight Relationships
    - 71-007561
  - Metabolism
    - 71-003729
  - Monosex Culture
    - 71-000382

...CONTINUED...

- Ophiocephalus striatus
  - Polyculture
    - 71-000354
  - Starvation
    - 71-004299
  - Temperature
    - 71-004300
- Ophiodon elongatus
  - Age/Growth
    - 71-007380
  - Cardio-Vascular System
    - 71-002679
  - Enzymes
    - 71-003472
  - Fishing Gear
    - 71-012541
  - Gills
    - 71-002677
  - Heavy Metals
    - 71-010179
  - Life History/General
    - 71-005286
  - Mercury
    - 71-010179
  - Respiration
    - 71-002677
  - Respiratory System
    - 71-002679
  - Temperature
    - 71-003742
- Ophiogobius
  - Taxonomy
    - 71-008622
  - Variation Studies
    - 71-008622
- Ophisternon aenigmaticum
  - New Species
    - 71-008762
- Opisthonema oglinum
  - Length-Weight Relationships
    - 71-007444
  - Life History/General
    - 71-005989
  - Population Studies
    - 71-005989
  - Yield
    - 71-005989
- Opistognathus melachasme
  - Sexual Dimorphism
    - 71-008453
- Opsanus
  - Vision
    - 71-001830
    - 71-001832
- Opsanus beta
  - Osmoregulation
    - 71-003292
    - 71-003293
- Opsanus tau
  - Distribution/Seasonal
    - 71-006667
  - Endocrinology
    - 71-001425
  - Excretory System
    - 71-003652
  - Osmoregulation
    - 71-003052
  - Predator/Prey Relationships
    - 71-007180
  - Protein Synthesis
    - 71-003485
    - 71-003816
  - Sexual Dimorphism
    - 71-001545
  - Sound Production
    - 71-005006
    - 71-005007
    - 71-005008
  - Spawning
    - 71-006390
  - Swimbladder
    - 71-001545
    - 71-001895
    - 71-003579
  - Temperature
    - 71-003485
    - 71-003816
- Opsariichthys uncirostris amurensis
  - Fright Behavior
    - 71-005191
  - Digestive System
    - 71-002030
- Orthodon microlepidotus
  - Hypoxia
    - 71-002405
  - Management/Research--Lakes
    - 71-006031
  - Population Studies
    - 71-006031
- Orthopristis chrysopterts
  - Foods/Feeding
    - 71-006749
- Orthopristis chrysopterus
  - Bioenergetics
    - 71-006749
  - Chemoreception
    - 71-004933
    - 71-006820
  - Foods/Feeding
    - 71-006820
- Orthopristis ruber
  - Bacterial Diseases
    - 71-009099
  - Enterobacteriaceae
    - 71-009099
  - Length-Weight Relationships
    - 71-007444
  - Parasites/Diseases
    - 71-009099

- Oryzias latipes
  - Aflatoxins
    - 71-011052
    - 71-011428
  - Age/Growth
    - 71-007508
  - Antiandrogens
    - 71-002885
  - Bioenergetics
    - 71-002993
  - Carbaryl
    - 71-011400
  - Chlorinated Hydrocarbons
    - 71-011400
  - Coloration
    - 71-003090
    - 71-003670
  - Culture/Propagation
    - 71-000572
  - DDT
    - 71-011400
  - Embryology
    - 71-002719
    - 71-002809
    - 71-004450
  - Endocrinology
    - 71-003132
    - 71-003651
  - Enzymes
    - 71-004450
  - Fertilization
    - 71-002809
  - Heavy Metals
    - 71-010629
    - 71-010691
    - 71-010880
  - Hormones
    - 71-002989
  - Induced Maturation
    - 71-000087
    - 71-000572
  - Insecticides
    - 71-010723
    - 71-011400
  - Kepone
    - 71-010723
  - Lactate Dehydrogenase
    - 71-004749
  - LAS
    - 71-011198
  - Light
    - 71-003956
  - Malathion
    - 71-011400
  - Maturation
    - 71-003129
  - Mercury
    - 71-010629
    - 71-010691
    - 71-010880
  - Metabolic Rates
    - 71-003128
  - Oil
    - 71-011040
  - Organophosphates
    - 71-011400
  - Parasites/Diseases
    - 71-009710
  - Parathion
    - 71-011400
  - pH
    - 71-010959
  - Photoperiodism
    - 71-002420
  - Pigments
    - 71-001840
    - 71-001841
    - 71-001994
    - 71-003091
  - Reproduction
    - 71-002989
    - 71-002993
    - 71-003081
    - 71-003132
  - Reproductive System
    - 71-001655
    - 71-002001
    - 71-003130
    - 71-003956
  - Selenium
    - 71-010629
  - Sex Determination
    - 71-004486
  - Sex Reversal
    - 71-002695
  - Spawning
    - 71-002420
    - 71-002993
  - Sufactants
    - 71-011198
  - Temperature
    - 71-003081
    - 71-003129
  - Tumors
    - 71-009710
- Osmeridae
  - Taxonomy
    - 71-008646
- Osmerus eperlanus
  - Abundance/Factors of
    - 71-008365
  - Bioenergetics
    - 71-008365
  - Foods/feeding
    - 71-006996
  - Population Studies
    - 71-008365

...CONTINUED...

- Osmerus eperlanus
  - Pseudobranch
    - 71-001762
  - Spawning
    - 71-006175
- Osmerus eperlanus eperlanus
  - Age/Growth
    - 71-005700
    - 71-012770
  - Electrotaxis
    - 71-004959
  - Morphology
    - 71-001542
  - Mortality Rates
    - 71-012770
  - Spawning
    - 71-005700
- Osmerus eperlanus mordax
  - Embryology
    - 71-004466
- Osmerus mordax
  - Abundance/Factors of
    - 71-008431
  - Age/Growth
    - 71-006054
    - 71-006099
  - Chlorine
    - 71-011351
  - Commercial Fishing
    - 71-012853
  - Competition
    - 71-006844
  - Condition Factors
    - 71-006337
  - Distribution/Geographical
    - 71-007768
    - 71-007825
  - Endocrinology
    - 71-004085
  - Foods/Feeding
    - 71-006903
    - 71-006904
  - Foods/Feeding/Selectivity
    - 71-007076
  - Glugea hertwigi
    - 71-009017
    - 71-009353
  - Identification
    - 71-008531
  - Length-Weight Relationships
    - 71-006337
  - Life History/General
    - 71-012859
  - Management/Research--Lakes
    - 71-006281
    - 71-012859
  - Meristic Studies
    - 71-004577
  - Microsporida
    - 71-009353
  - Mortality Factors
    - 71-006099
  - Mortality Rates
    - 71-006054
  - Parasites/Diseases
    - 71-009017
    - 71-009353
  - Piscine Erythrocytic Necrosis
    - 71-009017
  - Population Studies
    - 71-006054
    - 71-006099
  - Predator/Prey Relationships
    - 71-006844
    - 71-007225
  - Protozoan Diseases
    - 71-009017
    - 71-009353
  - Spawning
    - 71-006281
    - 71-006337
  - Trophic Relationships
    - 71-006281
    - 71-012859
  - Turbidity
    - 71-008431
  - Variation Studies
    - 71-004577
    - 71-004578
  - Viral Diseases
    - 71-009017
- Osphronemidae
  - Air Breathing
    - 71-001874
- Ostariophysi
  - Distribution/Geographical
    - 71-008096
  - Paleontology
    - 71-008096
- Osteobrama vigorsii
  - Foods/Feeding
    - 71-006848
- Osteochilus hasseltii
  - Foods/Feeding
    - 71-007278
- Osteoglossum bicirrhosum
  - Air Breathing
    - 71-002195
    - 71-002692
    - 71-002693
    - 71-002749
    - 71-003004
    - 71-003159
  - ATP
    - 71-003566
  - Blood Chemistry
    - 71-002195
    - 71-003159

...CONTINUED...

- Osteoglossum bicirrhosum
  - Blood Chemistry
    - 71-003241
  - Enzymes
    - 71-002692
    - 71-002693
    - 71-003566
    - 71-004128
  - Excretory System
    - 71-003004
    - 71-004128
  - Lactate
    - 71-002749
  - Metabolism
    - 71-003240
  - Osmoregulation
    - 71-003566
  - Respiration
    - 71-002692
    - 71-002693
    - 71-002749
    - 71-003004
    - 71-003159
- Otolithoides brunneus
  - Age/Growth
    - 71-007499
  - Foods/Feeding
    - 71-007005
- Oxyeleotris marmorata
  - Cage Culture
    - 71-000304
  - Culture/Propagation
    - 71-000304
- Oxyjulis californica
  - Distribution/Geographical
    - 71-008482
- Oxylebius pictus
  - Cannibalism
    - 71-004966
  - Life History/General
    - 71-005558
  - Population Studies
    - 71-005558
  - Temperature
    - 71-003742
  - Territorial Behavior
    - 71-004966
- Pachycara obesa
  - Taxonomy
    - 71-008667
- Pachychilon pictum
  - Foods/Feeding
    - 71-007034
  - Trophic Relationships
    - 71-007034
- Pagellus erythrinus
  - Anilocra
    - 71-009898
  - Meinertia
    - 71-009898
  - Parasites/Diseases
    - 71-009898
  - Parasitic Isopods
    - 71-009898
- Pagothenia borchgrevinki
  - Reproduction
    - 71-006177
  - Spawning
    - 71-006177
- Pagrus major
  - Auditory Senses
    - 71-005013
  - Bacterial Diseases
    - 71-009117
  - Cadmium
    - 71-011010
  - Culture/Propagation
    - 71-000786
    - 71-000936
  - Electrophoresis
    - 71-004819
    - 71-004820
  - Feeding Experiments
    - 71-000786
    - 71-000936
  - Feeds
    - 71-000786
    - 71-000936
  - Flexibacter
    - 71-009117
  - Heavy Metals
    - 71-011010
  - Mouth Parts
    - 71-001956
  - Parasites/Diseases
    - 71-009117
  - Variation Studies
    - 71-004819
    - 71-004820
- Pagrus pagrus
  - Age/Growth
    - 71-007551
  - Distribution/Geographical
    - 71-007940
  - Foods/Feeding
    - 71-007089
  - Habitat Selection
    - 71-007940
  - Life History/General
    - 71-005730
    - 71-005732
  - Management/Research--Marine
    - 71-005730
  - Mortality Rates
    - 71-007551
  - Spawning
    - 71-006399
  - Taxonomy
    - 71-008664
- Pagrus sedecim
  - Taxonomy
    - 71-008664
- Palaeospinax
  - Paleontology
    - 71-008663
- Pangasius pangasius
  - Culture/Propagation
    - 71-005554
  - Life/History/General
    - 71-005554
- Pangasius sutchi
  - Culture/Propagation
    - 71-001046
  - Gamete Storage
    - 71-001046
- Pantosteus clarki
  - Foods/Feeding
    - 71-007220
  - Movements
    - 71-006705
- Pantosteus discobolus yarrowi
  - Stream Improvement/General
    - 71-013001
- Papiliochromis
  - New Genus
    - 71-008652
- Parabassogigas grandis
  - Morphology
    - 71-001622
  - Sound Production
    - 71-001622
  - Taxonomy
    - 71-001622
- Paracottus kessleri
  - Early Development
    - 71-002428
  - Embryology
    - 71-002428
  - Reproduction
    - 71-002428
- Paragalaxias
  - Taxonomy
    - 71-008679
- Paragalaxias julianus
  - New Species
    - 71-008681
- Paragobiodon echinocephalus
  - Integument
    - 71-002093
- Paralabrax clathratus
  - Blood Chemistry
    - 71-003848
  - Foods/Feeding
    - 71-007074
  - Habitat Selection
    - 71-007074
- Paralepididae
  - Distribution/Geographical
    - 71-008133
  - Taxonomy
    - 71-008740
- Paralepis atlantica
  - Distribution/Geographical
    - 71-007937
    - 71-008115
- Paralichthys
  - Distribution/Factors of
    - 71-008136
  - Distribution/Seasonal
    - 71-008136
  - Salinity
    - 71-008136
- Paralichthys californicus
  - Auchenochondria lobosa
    - 71-009608
  - Hermaphroditism
    - 71-003973
  - Life History/General
    - 71-008001
  - Parasites/Diseases
    - 71-009608
  - Parasitic Copepods
    - 71-009608
- Paralichthys dentatus
  - Age/Growth
    - 71-005835
    - 71-007535
  - Bacterial Diseases
    - 71-009161
    - 71-009182
  - Cryptobia
    - 71-009355
  - Fin Rot
    - 71-009161
  - Foods/Feeding
    - 71-005835
    - 71-007188
  - Harvest
    - 71-012136
  - Management/Research--Marine
    - 71-012136
  - Maturation
    - 71-006427
  - Parasites/Diseases
    - 71-009161
    - 71-009182
    - 71-009355
  - Population Studies
    - 71-006155
  - Predator/Prey Relationships
    - 71-006853
  - Protozoan Diseases
    - 71-009355
  - Sex Ratios
    - 71-006262
  - Spawning
    - 71-006427

...CONTINUED...
Paralichthys dentatus
  Thermal Shock
   71-006853
  Ulcers
   71-009182
  Variation Studies
   71-005835
  Vibrio
   71-009182
Paralichthys lethostigma
  Camouflage
   71-001935
  Coloration
   71-001934
   71-001935
  Culture/Propagation
   71-000556
   71-000615
  Foods/Feeding
   71-007188
  Fry Production
   71-000556
  Induced Maturation
   71-000615
  Laboratory Spawning
   71-000556
  Stocking/Introductions
   71-012426
Paralichthys olivaceus
  Foods/Feeding
   71-006991
  Settling Behavior
   71-005102
Paraliparis
  Life History/General
   71-005873
Paraliparis monoporus
  New Species
   71-008458
Paraliparis paucidens
  Distribution/Geographical
   71-008219
Paraliparis somovi
  New Species
   71-008458
Paraliparis tetrapteryx
  New Species
   71-008458
Paraliparis trilobodon
  New Species
   71-008458
Paralonchurus
  Distribution/Geographical
   71-005667
  Life History/General
   71-005667
  Morphology
   71-005667
Paraploactis
  Taxonomy
   71-008739
Parapristipoma humile
  Early Development
   71-001882
  Embryology
   71-001882
Paraques
  Morphology
   71-008742
  Taxonomy
   71-008742
Parascombrops pellucida
  Taxonomy
   71-008820
Parastromateus niger
  Life History/General
   71-005828
  Nematodes
   71-009511
  Parasites/Diseases
   71-009511
  Rhabdochona parastromatei
   71-009511
Parathunnus sibi
  Coloration
   71-004452
  Heavy Metals
   71-010301
  Mercury
   71-010301
  Pigments
   71-004452
Paratrimma
  New Genus
   71-008621
Paratrimma nigrimenta
  New Species
   71-008621
Paratrimma urospila
  New Species
   71-008621
Paraxenomystax
  Taxonomy
   71-008560
Pardachirus marmoratus
  Toxins
   71-003841
   71-003842
Parodontidae
  Mouth Parts
   71-001924
  Paleontology
   71-001924
Parophrys vetulus
  Catch Per Unit Effort
   71-005982
  Culture/Propagation
   71-000666
   71-000942
  Early Development
   71-003559

...CONTINUED...
Parophrys vetulus
  Feeding experiments
   71-000942
  Fin Erosion
   71-009800
   71-009980
  Foods/Feeding
   71-007047
  Glugea stephani
   71-009358
  Hepatomas
   71-009800
  Movements
   71-003559
   71-006604
  Oil
   71-011110
  Orientation/Homing
   71-006604
  Parasites/Diseases
   71-000666
   71-009000
   71-009358
   71-009747
   71-009800
   71-009870
   71-009980
  Population Studies
   71-005982
   71-008348
  Protozoan Diseases
   71-009358
  Salinity
   71-000666
  Sampling
   71-013425
  Temperature
   71-000942
  Tumors
   71-009747
   71-009870
  Year Class Strength
   71-008348
Parupeneus multifasciatus
  Spawning
   71-006389
Pegasidae
  Evolution
   71-008730
  Taxonomy
   71-008730
Pelagocephalus
  New Genus
   71-008834
Pelagocephalus coheni
  New Species
   71-008834
Pelecus cultratus
  Abundance/Factors of
   71-008373
  Fecundity
   71-006513
  Life History/General
   71-005599
  Management/Research--General
   71-005599
  Morphology
   71-001680
  Reproduction
   71-008373
  Spawning
   71-006513
Pellonula afzeliusi
  Variation Studies
   71-001852
Pellonulinae
  Taxonomy
   71-001852
Pelmatochromis pulcher
  Settling Behavior
   71-005412
Pelvicachromis pulcher
  Reproductive System
   71-001706
Pentaceros richardsoni
  Age/Growth
   71-007391
  Condition Factors
   71-007391
  Morphology
   71-007391
Peocilia dominicensis
  Taxonomy
   71-008759
Peocilia hispaniolana
  New Species
   71-008759
  Taxonomy
   71-008759
Peprilus burti
  Distribution/Geographical
   71-008120
Peprilus triacanthus
  Foods/Feeding
   71-007163
  Life History/General
   71-005762
  Management/Research--Marine
   71-006053
  Population Studies
   71-006053
  Trophic Relationships
   71-007163
Perca flavescens
  Abundance/Factors of
   71-005639
   71-005959
   71-006062

...CONTINUED...
Perca flavescens
  Abundance/Factors of
   71-006066
   71-006102
   71-006127
   71-006153
   71-008317
   71-008319
   71-008333
   71-008337
   71-012201
   71-013074
  Acid Precipitation
   71-010397
  Activity Patterns
   71-005075
   71-005311
  Aeration
   71-011888
  Age/Growth
   71-005639
   71-007068
   71-007448
   71-007492
   71-007523
   71-007612
   71-007612
   71-010397
  Artificial Diets
   71-000333
  Bayer 73
   71-010601
  Behavior
   71-005853
  Bioenergetics
   71-005907
   71-007523
  Biomagnification
   71-011193
  Blood Chemistry
   71-003403
  Cadmium
   71-010228
  Chemical Reclamation
   71-012286
  Chlorine
   71-010644
  Competition
   71-006912
   71-008337
  Crassiphiala bulboglossa
   71-009968
  Culture/Propagation
   71-000186
   71-000333
   71-000424
   71-000540
   71-000767
   71-000782
   71-000856
  Cyanide
   71-011389
  Diets
   71-000856
  Diplostomum adamsi
   71-009761
   71-009762
  Diquat
   71-010605
  Distribution/Seasonal
   71-006612
  Distribution/Vertical
   71-006441
   71-006612
  Ecology
   71-005853
  Economic Values
   71-000424
  Excretory System
   71-002324
  Exploitation Rates
   71-012137
  Fecundity
   71-006535
  Feeding Experiments
   71-000767
   71-000856
  Fish Control/Removal
   71-012297
  Flow Regimes
   71-006666
  Foods/Feeding
   71-005639
   71-007068
   71-007142
   71-007331
   71-008317
  Foods/Feeding/Selectivity
   71-006810
   71-006828
   71-006951
  Harvest
   71-005927
   71-006002
   71-006059
   71-006102
   71-006125
   71-006127
   71-012201
  Heavy Metals
   71-010228
   71-011022
   71-011193
  Helminths
   71-009589
  Herbicides
   71-010605
  Histology
   71-009431

...CONTINUED...
Perca flavescens
  Hormones
   71-002820
  Hydrogen Cyanide
   71-011389
  Induced Maturation
   71-000186
   71-002820
  Insecticides
   71-011144
  Life History/General
   71-005853
  Management/Research--Lakes
   71-006062
   71-006125
   71-006127
   71-006153
   71-006912
   71-012468
  Management/Research--Reservoirs
   71-006059
  Marking/Tagging
   71-006721
  Mercury
   71-011022
   71-011193
  Methoxychlor
   71-011144
  Morphology
   71-005853
  Mortality Factors
   71-009761
  Mortality Rates
   71-005907
   71-005907
   71-012137
  Movements
   71-006441
   71-006612
   71-006666
   71-006721
   71-012137
  Neascus
   71-009968
  Nematodes
   71-009491
  Nutrient Requirements
   71-000782
  Nutrition
   71-000782
  Oxygen
   71-002391
  Parasites/Diseases
   71-009431
   71-009491
   71-009586
   71-009589
   71-009761
   71-009762
   71-009968
  Philometra cylindracea
   71-009491
  Photoperiodism
   71-007492
  Physiology
   71-005853
  Piscicides
   71-010601
  Polychlorinated Biphenyls
   71-011193
  Population Studies
   71-005907
   71-005927
   71-005959
   71-006002
   71-006010
   71-006059
   71-006062
   71-006066
   71-006102
   71-006125
   71-006127
   71-006153
   71-008333
   71-008337
   71-012712
   71-013074
  Power Plant Effluents
   71-010644
  Predator/Prey Relationships
   71-004875
   71-005959
   71-006010
   71-006066
   71-006846
   71-007152
   71-007347
  Production
   71-005927
   71-005959
  Reproductive System
   71-002821
  Rodlet Cells
   71-001716
  Standing Crop
   71-005927
  Steroids
   71-002821
  Stocking/Introductions
   71-006912
   71-012468
  Temperature
   71-005311
   71-006666
   71-007492
   71-008319
   71-008333
   71-011116

...CONTINUED...
Perca flavescens
Temperature Selection
71-005311
71-005344
TFM
71-010601
Thermal Pollution
71-010231
Trematodes
71-009586
71-009761
71-009762
71-009968
Trophic Relationships
71-006010
Urocleidus adspectus
71-009586
Viral Diseases
71-009431
Vision
71-001890
71-004875
Water Level Fluctuations
71-013114
Wind
71-008319
Year Class Strength
71-006002
71-006059
71-006066
71-006066
Zinc
71-010228
Perca fluviatilis
Abundance/Factors of
71-006025
71-008301
71-008305
71-008313
71-008347
71-008353
71-008372
71-008382
71-008400
71-008409
Acoustico-Lateralis System
71-002584
71-003939
Activity Patterns
71-004870
71-004952
Age/Growth
71-005969
71-007411
71-007458
71-007471
71-007489
71-007566
71-007575
Antiseptics
71-010725
Behavior
71-005853
Biochemical Composition
71-002477
Biomass
71-005939
Cadmium
71-010767
Calorific Values
71-002478
Camallanus lacustris
71-009926
Cardio-Vascular System
71-002827
Chemical Reclamation
71-012831
Competition
71-006896
71-007411
71-008313
Culture/Propagation
71-000495
71-000782
Digestion Rates
71-003777
71-006949
71-007283
Digestive System
71-001614
71-001615
Diplostomum gasterostei
71-009734
Distribution/Factors of
71-008262
Early Development
71-007248
Ecology
71-005853
Embryology
71-003543
Endocrinology
71-003245
Epidermal Lesions
71-009536
Eutrophication
71-005637
71-008305
71-008347
71-008409
Fecundity
71-006448
Fish Kills
71-009536
Foods/Feeding
71-000495
71-005969

...CONTINUED...
Perca fluviatilis
Foods/Feeding
71-006947
71-006949
71-006950
71-007022
71-007143
71-007184
71-007283
Foods/Feeding/Selectivity
71-006914
71-006955
71-007248
Fungal Diseases
71-009233
71-009239
Harvest
71-008301
71-008409
Heavy Metals
71-010767
71-011036
Hedruris spinigera
71-009655
Helminths
71-009486
71-009877
Henneguya
71-009281
Henneguya psorospermica
71-009241
Hermaphroditism
71-003151
Life History/General
71-005589
71-005637
71-005727
71-005853
71-006156
71-008262
71-008347
Management/Research--Lakes
71-005589
71-006025
71-008305
71-012831
Metabolic Rates
71-004040
Morphology
71-005853
Musculature
71-001377
Myxosporida
71-009281
Nematodes
71-009655
71-009926
Nets/Netting
71-005997
Nutrient Requirements
71-000782
Nutrition
71-000782
Olfaction
71-001398
71-002703
Organ Weights
71-002075
Parasites/Diseases
71-005969
71-008892
71-009233
71-009239
71-009241
71-009281
71-009486
71-009536
71-009655
71-009734
71-009877
71-009926
pH
71-011301
Physiology
71-005853
Population Studies
71-005589
71-005938
71-005939
71-005969
71-005997
71-006025
71-006156
71-008301
71-008313
71-008353
71-008409
71-012831
Predator/Prey Relationships
71-007184
71-007246
Production
71-005938
Protozoan Diseases
71-009241
71-009281
Radionuclides
71-011172
Reproduction
71-006506
Saprolegnia
71-009239
Sewage Effluents
71-010491
Sex Determination
71-003543
Spawning
71-006396

...CONTINUED...
Perca fluviatilis
Spawning
71-006448
71-006506
Stocking/Introductions
71-008262
Swimming Performance
71-004040
Temperature
71-002827
71-002874
71-003010
71-004870
71-007566
Titanium-Dioxide Effluents
71-011036
Trematodes
71-009734
Trophic Relationships
71-007184
71-007246
Tylodelphys clavata
71-009734
Year Class Strength
71-005938
71-005939
71-006025
71-006156
71-007566
Perca fluviatilis X P. schrenki
Hybridization
71-008070
Perca schrenki
Distribution/Geographical
71-008070
Perca schrenki X P. fluviatilis
Hybridization
71-008070
Perccottus glehni
Spawning
71-006554
Percichthyidae
Taxonomy
71-008662
Percidae
Abundance/Factors of
71-005675
71-008332
71-008366
71-008380
71-008422
Competition
71-008385
Ecology
71-005678
71-005685
Eutrophication
71-008380
Exploitation Rates
71-008422
Habitat Selection
71-005685
Karyotypes
71-004583
Life History/General
71-005540
71-005675
71-011679
Management/Research--General
71-011642
71-011679
Niche Theory
71-005678
Population Studies
71-006014
71-008366
Predator/Prey Relationships
71-008385
Production
71-006014
Spawning
71-006188
Taxonomy
71-008523
Temperature
71-003015
71-008366
Year Class Strength
71-008366
Zoogeography
71-008523
Perciformes
Mouth Parts
71-002021
Percina
Hybridization
71-004744
Taxonomy
71-008816
71-008824
Variation Studies
71-008824
Percina antesella
New Species
71-008871
Percina caprodes
Abundance/Factors of
71-008318
Digestive System
71-001590
Early Development
71-001590
Fecundity
71-006430
Oxygen
71-008318
Swimbladder
71-001590

Percina crassa
Taxonomy
71-008671
Percina evides
Distribution/Geographical
71-008028
Percina lenticula
Distriubtion/Geographical
71-007780
Percina macrocephala
Life History/General
71-005778
Taxonomy
71-005778
Variation Studies
71-005778
Percina macrolepida
Distribution/Geographical
71-007748
71-008222
Percina maculata
Competition
71-005381
Habitat Selection
71-005381
Percina nigrofasciata
Distribution/Geographical
71-007896
Percina oxyrhyncha
Distribution/Geographical
71-005559
Habitat Selection
71-005559
Taxonomy
71-005559
Percina palmaris
Sexual Dimorphism
71-001495
Variation Studies
71-001495
Percina pantherina
Status
71-008330
Percina roanoka
Taxonomy
71-008671
Percina tanasi
Life History/General
71-005839
71-005840
Status
71-005839
Percopsis omiscomaycus
Abundance/Factors of
71-008318
Distribution/Geographical
71-007825
Foods/Feeding
71-007331
Habitat Selection
71-005152
Oxygen
71-008318
Reproduction
71-006429
Spawning
71-006429
Percopsis transmontana
Distribution/Geographical
71-007887
Life History/General
71-005617
71-007887
Periophthalmus cantonensis
Air Breathing
71-004176
Ammonia
71-003573
Excretory System
71-003574
Respiration
71-004176
Terrestrial Survival
71-002837
Periophthalmus dipes
Enzymes
71-002242
Osmoregulation
71-002242
71-003463
Periophthalmus vulgaris
Anoxia
71-002836
Peristedion cataphractum
Parasites/Diseases
71-009765
Trematodes
71-009765
Trochopella candida
71-009765
Winkenthughesia bramae
71-009765
Petenia kraussii
Life History/General
71-005665
Petromyzon fluviatilis
Enzymes
71-004314
Nervous System
71-004314
Petromyzon marinus
Abnormalities
71-001389
Activity Patterns
71-005322
Age/Growth
71-007446

...CONTINUED...
Petromyzon marinus
  Alimentary Tract
    71-001602
    71-001603
  Antimycin
    71-011583
  Bayer 73
    71-011577
    71-011607
  Biochemical Composition
    71-002210
  Blood Chemistry
    71-003828
    71-004435
    71-004436
  Dentition
    71-001749
    71-001750
  Digestive System
    71-002091
  Distribution/Geographical
    71-007901
  Early Development
    71-003711
  Eggs
    71-004484
  Endocrinology
    71-003041
    71-004372
    71-004435
    71-004438
  Excretory System
    71-001849
    71-001850
    71-002092
  Fish Control/Removal
    71-012295
  Foods/Feeding
    71-007086
  Gills
    71-001871
  Hormones
    71-004435
  Integument
    71-001390
  Lamprey Control
    71-011583
    71-012295
    71-012300
    71-012303
  Life History/General
    71-005490
    71-005557
    71-005726
    71-005794
    71-006000
  Light
    71-005201
    71-005322
  Lipid Composition
    71-002210
    71-004498
  Liver
    71-001872
  Management/Research--Lakes
    71-005557
  Metamorphosis
    71-001849
    71-001871
    71-002091
    71-002092
    71-003832
    71-004436
    71-004437
    71-004498
    71-004499
  Nervous System
    71-003497
    71-003498
    71-004428
  Organochlorines
    71-010221
  Osmoregulation
    71-002209
    71-004497
  Parasites/Diseases
    71-009871
  Pharynx
    71-001748
  Piscicides
    71-011577
    71-011583
    71-011607
    71-012300
  Population Studies
    71-006000
  Predator/Prey Relationships
    71-005557
    71-005794
    71-007446
    71-008423
    71-012862
  Reproductive System
    71-003818
  Sterilization
    71-012295
  Steroids
    71-004371
    71-004372
  Temperature
    71-005201
    71-007446
  TFM
    71-011577
    71-011607
    71-012300
  Tumors
    71-009871

...CONTINUED...
Petromyzon marinus
  Vision
    71-001505
    71-004039
Petromyzontidae
  Fat Column
    71-003831
  Nervous System
    71-003913
    71-004395
    71-004396
  Skeletal System
    71-001433
  Taxonomy
    71-008741
    71-008846
    71-008849
Petroscirtes
  Distribution/Geographical
    71-008787
  Taxonomy
    71-008787
Phaenomonas
  Life History/General
    71-005740
  Morphology
    71-005740
Phaeoptyx conklini
  Brooding Behavior
    71-004941
Phanerodon furcatus
  Age/Growth
    71-007437
  Reproduction
    71-006289
  Swimming Performance
    71-004978
Phenacobius mirabilis
  Foods/Feeding
    71-007337
Philypnodon breviceps
  Foods/Feeding
    71-006816
  Foods/Feeding/Selectivity
    71-006814
Pholidae
  Fish Lists/Keys
    71-008826
  Identification/Larvae
    71-008826
Pholis
  Osmoregulation
    71-002602
Pholis gunnelus
  Alimentary Tract
    71-002036
Pholis laeta
  Habitat Selection
    71-005185
    71-005186
Pholis ornata
  Blood Chemistry
    71-002200
  Osmoregulation
    71-002200
Photopterus annectens
  Aestivation
    71-002169
  Blood Chemistry
    71-002169
Photostylus
  Integument
    71-001423
Photostylus pycnopterus
  Distribution/Geographical
    71-007970
  Morphology
    71-002065
Phoxinus cumberlandensis
  New Species
    71-008810
Phoxinus erythrogaster
  Population Studies
    71-006131
Phoxinus laevis
  Bioassay Techniques
    71-010856
  Hormones
    71-003019
  Salinity
    71-003019
Phoxinus lagowski
  Distribution/Geographical
    71-007984
Phoxinus oreas
  Hybridization
    71-004641
  Oxygen
    71-003499
  pH
    71-003499
  Temperature
    71-003499
Phoxinus percnurus
  Distribution/Geographical
    71-008195
  Photoperiodism
    71-002142
  Vision
    71-002142
Phoxinus phoxinus
  Aeromonas salmonicida
    71-009106
  Antiseptics
    71-010725
  Bacterial Diseases
    71-009106
  Biochemical Composition
    71-003390

...CONTINUED...
Phoxinus phoxinus
  Biochemical Composition
    71-003392
  Buoyancy Adjustment
    71-005424
  Clophen A50
    71-010593
  Fish Kills
    71-009106
  Flow Regimes
    71-006843
  Foods/Feeding
    71-006843
  Impoundment
    71-006843
  Integument
    71-003390
  Mucus
    71-003390
  Odor Production
    71-003391
  Oxygen
    71-005398
  Parasites/Diseases
    71-009106
  Phenols
    71-005398
    71-011200
  Polychlorinated Biphenyls
    71-010593
  Reproduction
    71-004432
  Schooling Behavior
    71-005269
    71-005374
Physailia pellucida
  Biochemical Composition
    71-003688
  Foods/Feeding
    71-007156
Piabucina erythrinoides
  Life History/General
    71-005848
  Taxonomy
    71-005848
Piabucina festae
  Air Breathing
    71-002845
Piabucina pleurotaenia
  Life History/General
    71-005848
  Taxonomy
    71-005848
Pimelodus maculatus
  Blood Chemistry
    71-003870
Pimelometopon pulchrum
  Blood Chemistry
    71-003848
  Neobenedenia girellae
    71-009533
  Parasites/Diseases
    71-009533
  Phyllodistomum scrippsi
    71-009533
  Trematodes
    71-009533
Pimephales notatus
  Abundance/Factors of
    71-008339
  Copper
    71-010917
  Distribution/Factors of
    71-008339
  Early Development
    71-001461
  Foods/Feeding
    71-007080
    71-007337
  Heavy Metals
    71-010917
  Rodlet Cells
    71-001716
  Trophic Relationships
    71-008339
Pimephales promelas
  Abundance/Factors of
    71-008418
  Acids
    71-011099
  Acrolein
    71-011071
  Alcohols
    71-011099
  Aldehydes
    71-011099
  Ammonia
    71-010639
  Aroclor
    71-010745
  Bioassay Techniques
    71-010546
    71-010761
    71-011078
  Buoyancy Adjustment
    71-005018
    71-005177
  Cadmium
    71-011021
    71-011440
    71-011441
  Chlordane
    71-010683
  Chlorine
    71-010748
    71-011414
    71-011511

...CONTINUED...
Pimephales promelas
  Chromium
    71-010548
    71-010549
    71-010639
    71-011252
  Coal Conversion Effluents
    71-011350
  Condition Factors
    71-007540
  Culture/Propagation
    71-000383
    71-000458
    71-006194
  Cyanide
    71-010638
    71-010639
    71-011389
  DDT
    71-010945
    71-010946
  Detergents
    71-011123
  Di-2-ethylhexyl Phthalate
    71-011104
  Diazinon
    71-010564
  Early Development
    71-001461
  Egg Collection
    71-001024
    71-011457
  Electrophysiology
    71-002863
  Embryology
    71-001751
    71-004313
  Endocrinology
    71-004313
  Endosulfan
    71-011071
  Endrin
    71-010947
  Enteroviruses
    71-009460
  Enzymes
    71-003706
  Fire Retardants
    71-010957
  Foods/Feeding
    71-006971
  Formalin
    71-011414
  Fright Behavior
    71-005384
  Fungal Diseases
    71-009228
  GD-174
    71-011590
  Guthion
    71-010547
    71-010548
    71-010549
    71-010550
  Halogens
    71-010748
  Heavy Metals
    71-010549
    71-010552
    71-010553
    71-010554
    71-010594
    71-010639
    71-010960
    71-011021
    71-011202
    71-011440
    71-011441
    71-011474
  Heptachlor
    71-011071
  Heptachloronorbornene
    71-011412
  Herbicides
    71-011071
  Hexachlorocyclopentadiene
    71-011412
  Hexachloronobornadiene
    71-011412
  Hydraulic Fluids
    71-011182
  Hydrocarbons
    71-011099
  Hydrogen Cyanide
    71-011389
  Hydrogen Sulfide
    71-010839
    71-011391
    71-011393
  Identification/Larvae
    71-008802
  IHN
    71-009427
  Incubation
    71-000383
  Insecticides
    71-010547
    71-010548
    71-010550
    71-010564
    71-010683
    71-010745
    71-010945
    71-010946
    71-010947
    71-011071
    71-011412

...CONTINUED...
Pimephales promelas
  IPN
   71-009427
  Kerosene
   71-011205
  Ketones
   71-011099
  LAS
   71-010916
  Length-Weight Relationships
   71-007540
  Lernaea cyprinacea
   71-009741
   71-009968
  Light
   71-003092
  Mercury
   71-011202
   71-011474
  Metabolic Rates
   71-003092
   71-004341
  Methylene Chloride
   71-010563
  Mine Effluents
   71-010111
  Oil Shale Effluents
   71-010111
   71-010566
  Ornithodiplostomum ptychocheilus
   71-009684
  Parasites/Diseases
   71-009228
   71-009427
   71-009460
   71-009684
   71-009741
   71-009968
  Parasitic Copepods
   71-009741
   71-009968
  Pentachlorophenol
   71-010548
   71-010549
  Perchloroethylene
   71-010563
  pH
   71-003092
  Phenols
   71-010746
   71-011099
   71-011378
  Phosphate Esters
   71-011182
  Phthalate Acid Esters
   71-011132
  Piscicides
   71-011133
   71-011590
   71-011600
  Plutonium
   71-011458
  Polyculture
   71-000458
  Population Studies
   71-006078
   71-008418
  Predator/Prey Relationships
   71-002453
   71-006763
   71-006971
   71-007270
   71-011021
   71-011440
  Production
   71-006078
  Radiation
   71-011458
  Reproduction
   71-001973
  Research Test Fish
   71-010548
   71-011457
  Respiration
   71-002863
  Salinity
   71-003092
  Saprolegnia
   71-009228
  Sediment Bioassays
   71-010910
   71-010911
   71-011260
  Selenium
   71-010608
   71-010855
  Sewage Effluents
   71-011511
  Sexual Dimorphism
   71-007540
  Sodium Chloride
   71-010548
   71-010549
  Sodium Lauryl Sulfate
   71-011255
  Spawning
   71-006194
  Surfactants
   71-011078
  Temperature
   71-002453
   71-011414
  Thermal Pollution
   71-002453
  Thermal Shock
   71-002453
  Toxaphene
   71-011133

...CONTINUED...
Pimephales promelas
  Toxaphene
   71-011600
  Trace Metals
   71-010855
   71-011252
  Treatment Plant Effluents
   71-010748
  Trematodes
   71-009684
  Trichloroethylene
   71-010563
  Trifluralin
   71-010435
   71-011071
  Uranium
   71-011458
  Viral Diseases
   71-009427
   71-009460
  Zinc
   71-010552
   71-010553
   71-010554
   71-010594
   71-010639
   71-010960
  1,1,1-Trichloroethane
   71-010563
Pimephales vigilax
  Foods/Feeding
   71-007337
Pisodonophis cruentifer
  Distribution/Geographical
   71-005872
  Eggs
   71-001824
  Morphology
   71-001824
   71-005872
  Reproduction
   71-005872
Pisoodonophis boro
  Osmoregulation
   71-004142
  Salinity
   71-004142
Plagioscion monti
  Age/Growth
   71-007674
Plagiotremus
  Distribution/Geographical
   71-008787
  Taxonomy
   71-008787
Plagiotremus rhynorhynchos
  Mimicry
   71-005350
Plagiotremus tapeimosoma
  Mimicry
   71-005350
Plagopterus argentissimus
  Habitat Selection
   71-004958
Platessa platessa
  Blood Chemistry
   71-004362
Platichthys flesus
  Biochemical Composition
   71-003365
  Blood Chemistry
   71-002763
   71-004295
   71-004362
  Branding
   71-012314
  DDT
   71-011262
  Distribution/Geographical
   71-007838
  Endocrinology
   71-003479
  Enzymes
   71-003940
   71-004295
  Estradiol
   71-002642
  Excretory System
   71-003808
  Foods/Feeding
   71-007300
  Foods/Feeding/Selectivity
   71-007132
  Hypoxia
   71-003229
  Insecticides
   71-011262
  Lepeophtheirus pectoralis
   71-009523
  Lipid Composition
   71-003364
  Marking/Tagging
   71-012314
  Oil
   71-011056
  Osmoregulation
   71-003479
   71-003808
   71-004024
   71-004294
  Parasites/Diseases
   71-009523
   71-009967
  Parasitic Copepods
   71-009523
   71-009967
  Parathion
   71-011262
  Vitellogenin
   71-003940

Platichthys flesus luscus
  Foods/Feeding
   71-007113
Platichthys stellatus
  Anemia
   71-009998
  Aromatic Hydrocarbons
   71-011296
   71-011491
  Blood Chemistry
   71-004425
  Culture/Propagation
   71-001884
  Early Development
   71-001884
  Embryology
   71-001986
  Exercise
   71-004425
  Fin Erosion
   71-009800
   71-009980
  Hepatomas
   71-009800
   71-009872
  Naphthalene
   71-011491
  Oil
   71-011296
  Osmoregulation
   71-002735
  Parasites/Diseases
   71-009800
   71-009846
   71-009872
   71-009980
   71-009998
  Respiration
   71-004426
  Tumors
   71-009846
Platycephalus bossensis
  Musculature
   71-001809
Platycephalus fuscus
  Nematobothrium spinneri
   71-009759
  Neometadidymozoon helicis
   71-009759
  Parasites/Diseases
   71-009759
  Trematodes
   71-009759
Platygobio gracilis
  Distribution/Geographical
   71-007995
Plecoglossus
  Gyrodactylus
   71-009842
  Parasites/Diseases
   71-009842
  Trematodes
   71-009842
Plecoglossus altivelis
  Abnormalities
   71-001677
  Auditory Senses
   71-005146
  Bacterial Diseases
   71-009127
   71-009128
   71-009129
   71-009141
   71-009164
  Biochemical Composition
   71-002987
   71-004152
  Culture/Propagation
   71-000785
  Electrophoresis
   71-003650
  Embryology
   71-002991
  Enzymes
   71-003650
  Feeding Experiments
   71-000785
  Feeds
   71-000785
  Immunization
   71-009128
   71-009129
   71-009141
  Induced Maturation
   71-000087
   71-002991
  Leaping Behavior
   71-005146
  Lipid Composition
   71-003719
  Meristic Studies
   71-001678
   71-001679
  Movements
   71-006728
   71-006729
  Parasites/Diseases
   71-009127
   71-009128
   71-009129
   71-009141
   71-009164
  Pheromones
   71-006316
  Spawning
   71-006435
  Spawning Behavior
   71-006316

...CONTINUED...
Plecoglossus altivelis
  Temperature
   71-001678
  Territorial Behavior
   71-005137
  Variation Studies
   71-001679
  Vibrio
   71-009164
  Vibrio anguillarum
   71-009127
   71-009128
   71-009129
   71-009141
  Vibriosis
   71-009127
   71-009128
   71-009129
  Vision
   71-002902
Plectorhinchus pictus
  Cestodes
   71-009742
  Gyrometra kunduchi
   71-009742
  Life History/General
   71-005564
  Parasites/Diseases
   71-009742
Plectranthias
  New Species
   71-008571
   71-008748
  Taxonomy
   71-008748
Plectropomus leopardus
  Hatschekia plectropomi
   71-009695
  Life History/General
   71-005609
  Parasites/Diseases
   71-009695
  Parasitic Copepods
   71-009695
Pleurogrammus azonus
  Fecundity
   71-006330
Pleurogrammus monopterygius
  Distribution/Geographical
   71-008113
Pleuronectes
  Distribution/Factors of
   71-008236
  Distribution/Geographical
   71-008236
  Length-Weight Relationships
   71-007592
Pleuronectes flesus
  Cadmium
   71-010950
   71-011500
  Cardio-Vascular System
   71-002799
  Heavy Metals
   71-010950
   71-011500
  Salinity
   71-011500
Pleuronectes platessa
  Acoustical Methods
   71-012306
  Biochemical Composition
   71-002529
  Blood
   71-001530
   71-001543
  Blood Chemistry
   71-004302
   71-004409
  Branding
   71-012314
  Cadmium
   71-010479
   71-011230
  Cardio-Vascular System
   71-001939
  Cesium
   71-010197
  Coloration
   71-005163
  Copper
   71-010613
   71-011331
  Digestion Rates
   71-003156
  Digestive System
   71-004118
  Embryology
   71-003921
  Endocrinology
   71-003716
  Enzymes
   71-003563
   71-003605
  Excretory System
   71-001853
  Exercise
   71-002205
  Fishing Gear
   71-012611
  Foods/Feeding
   71-007300
  Glugea stephani
   71-009330
  Healing
   71-002337
   71-008350
  Heavy Metals
   71-010479

...CONTINUED...
Pleuronectes platessa
Heavy Metals
71-010613
71-011230
71-011231
71-011232
71-011234
71-011235
71-011331
Histology
71-001554
Hormones
71-003716
Immune Response
71-003605
71-008930
71-008954
Injuries
71-008350
Integument
71-002338
Lactate Levels
71-004338
Lipophoromatosis
71-009540
Locomotion
71-004338
Manganese
71-011231
Marking/Tagging
71-012306
71-012314
Mercury
71-011232
71-011234
71-011235
Metabolic Rates
71-003837
Mortality Factors
71-008350
Mucus
71-003431
Nervous System
71-004117
71-004118
Nets/Netting
71-012611
Oil
71-011056
Osmoregulation
71-004302
Parasites/Diseases
71-008930
71-008986
71-009262
71-009330
71-009540
71-009870
Pigment Cells
71-001554
Protozoan Diseases
71-009262
71-009330
Radioactive Wastes
71-010197
Radionuclides
71-010197
71-010355
Rheotropism
71-004880
Saponins
71-011074
Silver
71-010355
Starvation
71-003563
Stress
71-004338
Surfactants
71-011074
Swimming Performance
71-003837
Temperature
71-003921
Trypanosoma platessae
71-009262
Tumors
71-009540
71-009870
Zinc
71-011231
Pleuronectidae
Age/Growth
71-007036
Fecundity
71-006329
Foods/Feeding
71-007036
Lepeophtheirus pectoralis
71-009524
Parasites/Diseases
71-009524
Parasitic Copepods
71-009524
Trophic Relationships
71-007036
Pleuronectiformes
Culture/Propagation
71-000611
Distribution/Geographical
71-008071
Early Development
71-001901
Embryology
71-001901
Fins
71-001755
Karyotypes
71-004690
Pleuronichthys
Early Development
71-001989
Pleuronichthys coenosus
Sampling
71-013425
Plotosus
Electroreception
71-003668
71-003687
Plotosus lineatus
Gyrodactylus plotosi
71-009794
Osmoregulation
71-003845
Parasites/Diseases
71-009794
Trematodes
71-009794
Pneumatophorus japonicus
Biochemical Composition
71-002923
71-004451
Enzymes
71-003595
Musculature
71-002923
71-002924
Noise
71-005248
Pneumatophorus tapeinocephalus
Fishing Gear
71-005132
71-005133
71-012551
71-012552
Lighted Traps
71-005132
71-005133
Lights
71-012552
Vision
71-005130
71-005131
71-005132
71-005133
71-005134
71-012551
Poecilia
Gynogenesis
71-004719
Osmoregulation
71-002602
Triploid Females
71-004719
Poecilia formosa
Evolution
71-004794
Gynogenesis
71-004794
Triploid Females
71-004138
71-004810
Poecilia latipinna
Age/Growth
71-004511
Endocrinology
71-001403
71-001404
71-003261
71-004401
71-004493
Endrin
71-011339
Insecticides
71-011339
Myxobolus latipinnacola
71-009375
Myxosporida
71-009375
Osmoregulation
71-002204
71-002238
Parasites/Diseases
71-009375
pH
71-004511
Pressure Effects
71-003909
Protozoan Diseases
71-009375
Regeneration
71-004511
Reproduction
71-004493
Reproductive System
71-004267
Salinity
71-004511
Social Behavior
71-005176
Swimbladder
71-003909
Temperature
71-004511
Poecilia reticulata
Abundance/Factors of
71-008323
71-008426
Age/Growth
71-004511
Aggressive Behavior
71-004930
71-005035
Androgen
71-004167
...CONTINUED...
Poecilia reticulata
ATP
71-002509
BCM
71-010681
Benomyl
71-010681
Cadmium
71-010988
Chloride Cells
71-001948
Coloration
71-004730
71-004731
Corpuscle of Stannius
71-003541
Endocrinology
71-003322
71-003482
Enzymes
71-002509
Fecundity
71-000721
71-006240
Feed Additives
71-010680
Feeding Experiments
71-000721
Fenitrothion
71-011551
Fertilization
71-002249
Foods/Feeding/Selectivity
71-007140
Fungicides
71-010681
Genetics
71-004729
Heavy Metals
71-010857
71-010988
71-011259
71-011486
Herbicides
71-010854
71-011150
Hormones
71-001947
71-001948
71-003983
71-005116
Insecticides
71-011551
Integument
71-001637
Light
71-004511
Melanophores
71-004729
Mercury
71-010857
71-011259
Natural Selection
71-008426
Nutrition
71-000721
71-000722
Osmoregulation
71-001947
71-001948
71-002507
71-002508
71-002509
71-002651
71-003983
Pentachlorophenol
71-010854
pH
71-004511
Pheromones
71-002495
Polychlorpinene
71-011092
Population Studies
71-005980
71-006162
71-008323
71-012783
Predator/Prey Relationships
71-004999
Regeneration
71-004511
Reproduction
71-003322
Salinity
71-002249
71-004511
Scales
71-001947
71-001948
Sex Determination
71-004731
Social Behavior/Evolution
71-004999
Spawning
71-004998
71-006240
71-006377
Spawning Behavior
71-004997
Sperm
71-002775
Stress
71-003541
71-011092
TCDD
71-011150
...CONTINUED...
Poecilia reticulata
Temephos
71-011551
Temperature
71-003482
71-004511
71-006377
Temperature Selection
71-005116
Thiophanate-methyl
71-010681
Vision
71-002073
Zinc
71-011486
Poecilia sphenops
Aggressive Behavior
71-005271
Caudal Neurosecretory System
71-003310
Integument
71-002089
Poeciliidae
Distribution/Geographical
71-007961
Pigments
71-001609
Stocking/Introductions
71-007961
Poeciliopsis
Contracaecum
71-009971
Nematodes
71-009971
Parasites/Diseases
71-009971
Population Studies
71-006048
Reproduction
71-004847
Spawning
71-006048
71-006351
Variation Studies
71-004847
Poeciliopsis lucida
Hybridization
71-004554
Temperature
71-004554
Triploid Females
71-004554
Poeciliopsis monacha
Hybridization
71-004554
Temperature
71-004554
Triploid Females
71-004554
Poeciliopsis monacha-latidens
Unisex Populations
71-004685
Poeciliopsis monacha-lucida
Unisex Populations
71-004525
71-004685
71-004846
Poeciliopsis monacha-occidentalis
Unisex Populations
71-004525
Poeciliopsis occidentalis
Abundance/Factors of
71-006494
Fecundity
71-006231
71-006494
Foods/Feeding/Selectivity
71-006920
71-007183
Hybridization
71-004554
Life History/General
71-005541
Predator/Prey Relationships
71-006920
71-007183
Reproduction
71-006231
Spawning
71-006231
71-006232
Temperature
71-004554
Triploid Females
71-004554
Poeciliopsis occidentalis occidental
Distribution/Geographical
71-008052
Endangered/Threatened Species
71-008052
Poeciliopsis 2 monacha-lucida
Gynogenesis
71-004721
Poecillia latipinna
Light
71-004511
Pogonias cromis
Aspidogasteridae
71-009921
Cage Culture
71-000596
Culture/Propagation
71-000568
71-000586
71-000596
Heated Water
71-000568
71-000596

..CONTINUED...
ogonias cromis
  Life History/General
    71-005833
  Management/Research--Marine
    71-005833
  Metabolic Rates
    71-004324
  Parasites/Diseases
    71-009921
  Polyculture
    71-000568
  Pond Culture
    71-000568
  Salinity
    71-004324
  Swimming Performance
    71-004324
  Temperature
    71-004324
  Trematodes
    71-009921
ollachius virens
  Acoustico-Lateralis System
    71-005268
  Aromatic Hydrocarbons
    71-011398
  Bacterial Diseases
    71-009079
  Biochemical Composition
    71-002667
  Calorific Values
    71-003153
  Cardio-Vascular System
    71-003908
  Distribution/Factors of
    71-005411
  Exercise
    71-003167
  Feeding Experiments
    71-000775
  Food Conversion Efficiency
    71-000775
  Metabolism
    71-004129
  Mortality Rates
    71-006639
  Movements
    71-006639
    71-006640
    71-006641
    71-006642
  Parasites/Diseases
    71-009079
  Phenanthrene
    71-004081
    71-011398
  Schooling Behavior
    71-005268
    71-005288
  Swimbladder
    71-001927
    71-003906
    71-003907
    71-003908
    71-004244
  Temperature
    71-005411
  Ubiquinones
    71-002667
  Vibrio anguillarum
    71-009079
  Vision
    71-005268
ollimyrus
  Electroreception
    71-002934
  Nervous System
    71-002934
ollimyrus isidori
  Electric Organs
    71-003258
    71-004384
    71-004385
  Electrical Communication
    71-005151
olyacanthus cupanus
  Air Breathing
    71-003823
  Foods/Feeding
    71-003823
  Metabolic Rates
    71-003823
olycentrus schomburgkii
  Nervous System
    71-001552
    71-001553
olydactylus indicus
  Hermaphroditism
    71-006342
  Spawning
    71-006342
olydactylus sexfilis
  Culture/Propagation
    71-003945
  Salinity
    71-003945
  Spawning
    71-006407
  Temperature
    71-003945
olyipnus
  Taxonomy
    71-008486
olyipnus elongatus
  New Species
    71-008486
olyipnus parini
  New Species
    71-008486
Polyipnus spinifer
  New Species
    71-008486
Polymixia lowei
  Distribution/Geographical
    71-007993
Polyodon spathula
  Acoustico-Lateralis System
    71-002603
  Age/Growth
    71-007394
    71-007603
  Bibliographies
    71-005616
  Coelenterates
    71-009882
    71-009942
  Dentition
    71-001435
  Embryology
    71-002603
  Excretory System
    71-001408
    71-001572
  Foods/Feeding
    71-007603
  Habitat Alterations
    71-011894
  Harvest
    71-012980
  Injuries
    71-009901
  Karyotypes
    71-004587
  Life History/General
    71-005616
    71-005782
    71-005834
  Management/Research--General
    71-005616
    71-012953
  Management/Research--Rivers and Streams
    71-005834
    71-011894
    71-012917
    71-012980
  Parasites/Diseases
    71-009882
    71-009942
  Polypodium
    71-009942
  Polypodium hydriforme
    71-009882
  Status
    71-012917
  Status/Oklahoma
    71-005834
  Taxonomy
    71-008449
Polypteridae
  Karyotypes
    71-004838
Polypterus
  Mouth Parts
    71-001709
Polypterus senegalus
  Foods/Feeding
    71-007058
  Respiration
    71-003451
  Vision
    71-001912
Pomacanthidae
  Hermaphroditism
    71-002328
  Sex Reversal
    71-002328
  Zoogeography
    71-007979
Pomacanthus scalare
  Cement Glands
    71-002889
Pomacanthus zonipectus
  Foods/Feeding
    71-007200
Pomacentridae
  Foods/Feeding
    71-007128
  Taxonomy
    71-008878
  Territorial Behavior
    71-005108
Pomacentrus albofasciatus
  Habitat Selection
    71-004902
Pomacentrus apicalis
  Territorial Behavior
    71-005355
Pomacentrus lividus
  Aggressive Behavior
    71-004902
  Habitat Selection
    71-004902
Pomacentrus wardi
  Abundance/Factors of
    71-008412
  Territorial Behavior
    71-005355
Pomadasyidae
  Distribution/Geographical
    71-007986
  Life History/General
    71-005691
  Movements
    71-006632
  Taxonomy
    71-007986
Pomadasys commersonni
  Foods/Feeding
    71-007301
Pomadasys hasta
  Age/Growth
    71-007563
  Hyperostosis
    71-009827
  Parasites/Diseases
    71-009827
  Tumors
    71-009827
Pomatomus saltatrix
  Age/Growth
    71-007598
  Attacks on Humans
    71-004965
  Bioenergetics
    71-002747
  Distribution/Geographical
    71-007706
    71-007975
  Foods/Feeding
    71-007598
  Henneguya
    71-009331
  Life History/General
    71-005880
  Locomotion
    71-004982
    71-005012
  Musculature
    71-002745
  Parasites/Diseases
    71-009331
    71-009763
  Parasitic Isopods
    71-009763
  Protozoan Diseases
    71-009331
  Swimming Performance
    71-002745
    71-002746
    71-002747
    71-004981
  Trace Metals
    71-003530
Pomatoschistus microps
  Age/Growth
    71-005746
    71-007449
  Enzymes
    71-007449
  Life History/General
    71-005746
  Regeneration
    71-002740
  Scales
    71-001549
    71-002740
    71-007449
Pomatoschistus microps leopardinus
  Life History/General
    71-005694
Pomatoschistus minutus
  Life History/General
    71-005649
  Swimbladder
    71-002967
Pomatoschistus norvegicus
  Taxonomy
    71-008853
Pomatoschistus pictus
  Light
    71-005078
Pomoxis
  Age/Growth
    71-007595
  Condition Factors
    71-007595
  Distribution/Seasonal
    71-006603
  Distribution/Vertical
    71-006669
  Foods/Feeding/Selectivity
    71-006810
  Larval Behavior
    71-005695
  Life History/General
    71-005695
  Maturation
    71-007595
  Population Studies
    71-012734
Pomoxis annularis
  Aeration
    71-007457
  Age/Growth
    71-007457
    71-007620
    71-012428
  Diflubenzuron
    71-011333
  Distribution/Vertical
    71-006619
    71-006652
  Fecundity
    71-006406
  Fish Preservation
    71-013430
  Foods/Feeding
    71-007093
    71-007094
    71-007097
  Forage Introductions
    71-012411
    71-012428
  Insecticides
    71-011333
  Management/Research--Reservoirs
    71-012411
...CONTINUED...
Pomoxis annularis
  Parasites/Diseases
    71-008948
    71-008953
  Population Studies
    71-013116
  Power Plant Effluents
    71-010291
  Production
    71-006164
  Thermal Pollution
    71-010291
    71-013116
  Trophic Relationships
    71-012428
Pomoxis nigromaculatus
  Age/Growth
    71-005632
    71-007620
    71-012428
  Diflubenzuron
    71-010711
  DNA
    71-002881
  Foods/Feeding
    71-005632
    71-006752
    71-006779
    71-007102
    71-010711
  Forage Introductions
    71-012428
  Insect Juvenile Hormone Analogues
    71-010711
  Modeling
    71-012826
  Musculature
    71-002881
  Oxygen
    71-006512
    71-010685
  RNA
    71-002881
  Spawning
    71-006512
  Temperature Selection
    71-005327
  Trophic Relationships
    71-012428
Porichthys
  Bioluminescence
    71-002144
    71-002145
Porichthys notatus
  Bioluminescence
    71-004342
Porichthys porosissimus
  Bioluminescence
    71-002562
Poroderma africanum
  Osmoregulation
    71-002950
    71-002951
Poromitra crassa
  New Species
    71-008721
Poromitra oscitans
  New Species
    71-008554
Potamotrygon
  Acanthobothrium
    71-009798
  Ampullary System
    71-004164
  Cestodes
    71-009798
  Electroreception
    71-004164
  Lactate Dehydrogenase
    71-004470
  Parasites/Diseases
    71-009798
  Rectal Gland
    71-002004
Potamotrygon garouaenis
  Taxonomy
    71-008825
Potamotrygon hystrix
  Osmoregulation
    71-002260
Potamotrygon magdalenae
  Cestodes
    71-009531
  Parasites/Diseases
    71-009531
    71-009535
  Paravitellotrema overstreeti
    71-009535
  Trematodes
    71-009535
Pranesus insularum
  Light
    71-005180
  Predator/Prey Relationships
    71-005180
    71-007085
  Schooling Behavior
    71-005180
    71-007085
Prionace glauca
  Activity Patterns
    71-006702
  Age/Growth
    71-007634
  Blood Chemistry
    71-003163
  Distribution/Geographical
    71-005622

...CONTINUED...

- Prionace glauca
  - Embryology
    - 71-002068
  - Endocrinology
    - 71-003031
  - Enzymes
    - 71-004429
  - Foods/Feeding
    - 71-007290
  - Life History/General
    - 71-005622
  - Movements
    - 71-006702
    - 71-006718
  - Radiation
    - 71-004429
  - Reproduction
    - 71-006467
  - Spawning
    - 71-006467
- Prionotus altus
  - Life History/General
    - 71-005710
- Prionotus carolinus
  - Life History/General
    - 71-005802
- Prionotus evolans
  - Age/Growth
    - 71-007398
  - Life History/General
    - 71-005802
- Prionotus gymnostethus
  - Distribution/Geographical
    - 71-008482
- Prionotus martis
  - Life History/General
    - 71-005710
- Prionotus roseus
  - Life History/General
    - 71-005710
- Prionotus scitulus
  - Foods/Feeding
    - 71-007211
- Prionotus stearnsi
  - Life History/General
    - 71-005710
- Prionurus microlepidotus
  - Dentition
    - 71-002042
- Prochilodus reticulatus
  - Parasites/Diseases
    - 71-009952
  - Trematodes
    - 71-009952
  - Unicoelium prochilodorum
    - 71-009952
- Pronesus insularum
  - Predator/Prey Relationships
    - 71-007083
- Prosopium
  - Taxonomy
    - 71-008861
- Prosopium coulteri
  - Distribution/Geographical
    - 71-007738
- Prosopium cylindraceum
  - Age/Growth
    - 71-005476
    - 71-007545
  - Distribution/Geographical
    - 71-007996
  - Foods/Feeding
    - 71-005476
    - 71-006948
    - 71-007545
  - Maturity
    - 71-005476
  - Morphology
    - 71-008753
  - Skeletal System
    - 71-001950
  - Taxonomy
    - 71-008753
- Prosopium gemmiferum
  - Life History/General
    - 71-005832
  - Management/Research--Lakes
    - 71-005832
- Prosopium williamsoni
  - Abundance/Factors of
    - 71-005910
  - Age/Growth
    - 71-005851
    - 71-005910
  - Bacterial Diseases
    - 71-009040
    - 71-009151
  - Embryology
    - 71-003852
    - 71-003853
  - Foods/Feeding
    - 71-005851
    - 71-006891
    - 71-007162
  - Gas Bubble Disease
    - 71-009630
  - Movements
    - 71-006602
  - Mycobacterium
    - 71-009040
  - Parasites/Diseases
    - 71-009040
    - 71-009151
    - 71-009630
  - Production
    - 71-005910
  - Reproduction
    - 71-005851

...CONTINUED...

- Prosopium williamsoni
  - Spawning
    - 71-005851
  - Temperature
    - 71-003852
    - 71-003853
  - Thermal Pollution
    - 71-003853
  - Tuberculosis
    - 71-009151
- Protomyctophum anderssoni
  - Early Development
    - 71-002086
- Protopterus
  - Aestivation
    - 71-002464
  - Excretory System
    - 71-003342
  - Regeneration
    - 71-002463
- Protopterus aethiopicus
  - Aestivation
    - 71-002561
  - Air Breathing
    - 71-002196
  - Blood Chemistry
    - 71-002196
    - 71-002561
  - Catecholamines
    - 71-002110
    - 71-002111
  - Chromaffin Tissue
    - 71-002110
    - 71-002111
  - Gills
    - 71-001711
  - Hormones
    - 71-002833
  - Nervous System
    - 71-002833
  - Pharmacology
    - 71-002109
  - Respiratory System
    - 71-001711
- Protopterus amphibius
  - Air Breathing
    - 71-003158
  - Blood Chemistry
    - 71-004363
- Protopterus annectens
  - Air Breathing
    - 71-002167
  - Endocrinology
    - 71-002171
  - Hormones
    - 71-002171
  - Olfaction
    - 71-001498
  - Respiration
    - 71-002167
  - Starvation
    - 71-002635
- Prototroctes maraena
  - Life History/General
    - 71-005501
- Psammobatis lima
  - Cestodes
    - 71-009555
  - Echinobothrium euzeti
    - 71-009555
  - Parasites/Diseases
    - 71-009555
- Psettodes erumei
  - Fecundity
    - 71-006471
  - Life History/General
    - 71-005944
  - Spawning
    - 71-006471
- Pseudoalectrias tarasovi
  - Distribution/Geographical
    - 71-008736
  - Taxonomy
    - 71-008736
- Pseudoasbora parva
  - Taste Reception
    - 71-001671
- Pseudobalestes flavimarginatus
  - Spawning
    - 71-006388
- Pseudoblennius percoides
  - Pigments
    - 71-002077
- Pseudochromidae
  - Culture/Propagation
    - 71-008020
  - Distribution/Geographical
    - 71-008020
  - Ecology
    - 71-008020
  - Spawning
    - 71-008020
  - Taxonomy
    - 71-008020
- Pseudochromis dutoiti
  - Life History/General
    - 71-005800
    - 71-005800
  - Variation Studies
    - 71-005800
- Pseudochromis persicus
  - Distribution/Geographical
    - 71-005800
  - Life History/General
    - 71-005800
  - Variation Studies
    - 71-005800
- Pseudogobio rivularis
  - Eggs
    - 71-006397

...CONTINUED...

- Pseudogobio rivularis
  - Spawning
    - 71-006397
- Pseudolabrus
  - Hybridization
    - 71-004535
- Pseudophycis bacchus
  - Foods/Feeding/Selectivity
    - 71-006958
- Pseudopleuronectes americanus
  - Abundance/Factors of
    - 71-008379
  - Age/Growth
    - 71-007387
    - 71-007535
    - 71-007536
  - Amino Acids
    - 71-004104
  - Antifreeze Production
    - 71-002612
    - 71-002614
    - 71-002709
    - 71-002710
    - 71-002714
    - 71-003789
  - Bacterial Diseases
    - 71-009162
  - Bioenergetics
    - 71-002436
    - 71-007060
  - Blood Chemistry
    - 71-002317
    - 71-002373
    - 71-002713
    - 71-002714
    - 71-002715
    - 71-004104
  - Camouflage
    - 71-001935
  - Cardio-Vascular System
    - 71-003477
  - Coloration
    - 71-001453
    - 71-001455
    - 71-001934
    - 71-001935
    - 71-002353
  - Condition Factors
    - 71-006557
  - Digestive System
    - 71-002007
  - DNA
    - 71-002332
  - Embryology
    - 71-002332
  - Endocrinology
    - 71-002709
    - 71-003640
    - 71-003641
    - 71-003642
  - Enzymes
    - 71-002439
    - 71-003430
  - Excretory System
    - 71-003267
    - 71-003444
    - 71-003873
  - Fecundity
    - 71-006557
  - Feeding Experiments
    - 71-000697
    - 71-002436
    - 71-006557
  - Fin Rot
    - 71-009162
  - Foods/Feeding
    - 71-007060
    - 71-008379
  - Heavy Metals
    - 71-002711
    - 71-004004
  - Hormones
    - 71-003641
    - 71-003642
  - Hypoxia
    - 71-002408
  - Induced Maturation
    - 71-002381
  - Liver
    - 71-002439
  - Lymphocystis
    - 71-009440
  - Metabolic Rates
    - 71-007536
  - Mortality Rates
    - 71-005993
    - 71-007387
    - 71-008379
  - Movements
    - 71-006736
  - Osmoregulation
    - 71-002373
    - 71-002648
    - 71-002657
    - 71-003872
  - Parasites/Diseases
    - 71-009162
    - 71-009440
  - Pigments
    - 71-001453
  - Population Studies
    - 71-005993
  - Reproduction
    - 71-003640
  - RNA
    - 71-002332
  - Salinity
    - 71-006477

...CONTINUED...

- Pseudopleuronectes americanus
  - Salinity
    - 71-006478
  - Starvation
    - 71-002332
  - Temperature
    - 71-002409
    - 71-002436
    - 71-003430
    - 71-004404
    - 71-006477
    - 71-006478
    - 71-007536
  - Trophic Relationships
    - 71-007059
  - Variation Studies
    - 71-004751
  - Viral Diseases
    - 71-009440
  - Vitellogenin
    - 71-003084
  - Zinc
    - 71-002716
    - 71-004004
- Pseudorasbora parva
  - CNP
    - 71-010967
  - Herbicides
    - 71-010967
  - Insecticides
    - 71-010969
  - Taste Reception
    - 71-005120
- Pseudorhombus arsius
  - Fecundity
    - 71-006471
  - Spawning
    - 71-006471
- Pseudosciaena sina
  - Length Frequencies
    - 71-006126
  - Life History/General
    - 71-005500
  - Management/Research--Marine
    - 71-005500
  - Population Studies
    - 71-006126
- Pseudotropheus heteropictus
  - New Species
    - 71-008807
- Pseudotropheus macrophthalmus
  - Vision
    - 71-004963
- Pseudotropheus zebra
  - Behavior
    - 71-005089
  - Coloration
    - 71-001943
    - 71-005089
  - Ecology
    - 71-005089
  - Genetics
    - 71-001943
  - Morphology
    - 71-001943
- Pseudupeneus
  - Spawning
    - 71-006227
- Pseudupeneus grandisquamis
  - Distribution/Geographical
    - 71-007849
- Psilocranium nigricans
  - Paraneocreadium australiense
    - 71-009752
  - Parasites/Diseases
    - 71-009752
  - Trematodes
    - 71-009752
- Psilogobius mainlandi
  - Communication
    - 71-005295
- Psilorhynchus
  - Distribution/Geographical
    - 71-007784
- Psilorhynchus sucatio
  - Distribution/Geographical
    - 71-007784
- Psychrolutes phrictus
  - Distribution/Geographical
    - 71-008033
  - New Species
    - 71-008814
- Psychrolutes sio
  - New Species
    - 71-008706
- Pterogymnus laniarius
  - Age/Growth
    - 71-005642
  - Spawning
    - 71-005642
- Pterois volitans
  - Toxins
    - 71-004348
- Pteromylaeus bovinus
  - Foods/Feeding
    - 71-006818
- Pterophyllum eimekei
  - Locomotion
    - 71-004906
- Pterophyllum scalare
  - Cement Gland
    - 71-001414
- Pterosturisoma
  - New Genus
    - 71-008632
- Pterothrissidae
  - Morphology
    - 71-001586

- Pterygoplichthys
  - Blood Chemistry
    - 71-003241
- Pterygoplichtys
  - Blood Chemistry
    - 71-003119
- Ptychocheilus grandis
  - Habitat Selection
    - 71-004878
- Ptychocheilus lucius
  - Distribution/Geographical
    - 71-007930
    - 71-008072
  - Life History/General
    - 71-005823
  - Movements
    - 71-012362
  - Telemetry
    - 71-012362
- Ptychocheilus oregonensis
  - Bioenergetics
    - 71-005907
  - Cadmium
    - 71-010570
  - Copper
    - 71-010570
  - Heavy Metals
    - 71-010570
  - Mortality Rates
    - 71-005907
  - Nezpercella lewisi
    - 71-009910
  - Parasites/Diseases
    - 71-009910
  - Population Studies
    - 71-005907
  - Predator/Prey Relationships
    - 71-006808
  - Trematodes
    - 71-009910
  - Zinc
    - 71-010570
- Puck
  - New Genus
    - 71-008731
- Puck pinnata
  - New Species
    - 71-008731
- Pungitius pungitius
  - Distribution/Geographical
    - 71-007825
  - Endocrinology
    - 71-002224
    - 71-002225
    - 71-002228
  - Hormones
    - 71-002228
  - Integument
    - 71-002225
  - Life History/General
    - 71-005615
  - Parasites/Diseases
    - 71-002226
    - 71-002227
    - 71-009606
  - Pituitary Cysts
    - 71-002226
    - 71-002227
  - Salinity
    - 71-002228
  - Social Behavior
    - 71-005231
  - Variation Studies
    - 71-004637
- Puntius
  - Karyotypes
    - 71-004817
    - 71-004818
- Puntius amphibius
  - Foods/Feeding
    - 71-006850
- Puntius bimaculatus
  - Foods/Feeding
    - 71-006851
- Puntius bulu
  - Culture/Propagation
    - 71-000529
- Puntius conchonius
  - Hybridization
    - 71-004770
    - 71-004771
- Puntius cumingi
  - Life History/General
    - 71-005556
- Puntius daruphani
  - Culture/Propagation
    - 71-000529
- Puntius dorsalis
  - Foods/Feeding
    - 71-006850
- Puntius gonionotus
  - Culture/Propagation
    - 71-001046
  - Gamete Storage
    - 71-001046
- Puntius kolus
  - Foods/Feeding
    - 71-006848
  - Life History/General
    - 71-005499
- Puntius nigrofasciatus
  - Life History/General
    - 71-005556
- Puntius pleurotaenia
  - Life History/General
    - 71-005556
- Puntius pulchellus
  - Culture/Propagation
    - 71-005553

...CONTINUED...

- Puntius pulchellus
  - Foods/Feeding
    - 71-005553
    - 71-006848
  - Spawning
    - 71-005553
- Puntius sarana
  - Foods/Feeding
    - 71-006848
  - Taste Reception
    - 71-001697
- Puntius sarana subnasutus
  - Maturation
    - 71-006521
  - Reproduction
    - 71-004074
  - Spawning
    - 71-006521
- Puntius stigma
  - Hematozoa
    - 71-009306
  - Parasites/Diseases
    - 71-009306
  - Protozoan Diseases
    - 71-009306
  - Trypanosomes
    - 71-009306
- Puntius ticto
  - Hormones
    - 71-003194
  - Reproduction
    - 71-003194
  - Reproductive System
    - 71-004227
- Puntius titteya
  - Foods/Feeding
    - 71-006851
- Puzanovia rubra
  - New Species
    - 71-008562
- Pylodictis olivaris
  - Age/Growth
    - 71-007486
    - 71-007578
    - 71-007652
  - Channelization
    - 71-007486
  - Condition Factors
    - 71-007256
  - Distribution/Geographical
    - 71-007809
  - Fecundity
    - 71-007652
  - Foods/Feeding
    - 71-007256
  - Live Weight/Dressed Weight
    - 71-007578
  - Movements
    - 71-006609
  - Thermal Pollution
    - 71-007256
    - 71-010440
- Quietula
  - Karyotypes
    - 71-004576
- Quietula y-cauda
  - Habitat Selection
    - 71-005509
  - Life History/General
    - 71-005509
- Rachycentron canadum
  - Culture/Propagation
    - 71-000589
  - Fingerling Production
    - 71-000589
  - Life History/General
    - 71-005944
  - Mortality Rates
    - 71-006089
- Raja
  - Cestodes
    - 71-009560
  - Echeneibothrium
    - 71-009560
  - Parasites/Diseases
    - 71-009560
- Raja bathyphila
  - Taxonomy
    - 71-008684
- Raja batis
  - Age/Growth
    - 71-007434
- Raja bigelowi
  - New Species
    - 71-008812
- Raja binoculata
  - Branding
    - 71-012331
- Raja brachyura
  - Biochemical Composition
    - 71-002664
  - Cardio-Vascular System
    - 71-002664
- Raja chilensis
  - Cestodes
    - 71-009573
  - Echeneibothrium
    - 71-009573
  - Parasites/Diseases
    - 71-009573
- Raja clavata
  - Acanthocotyle greeni
    - 71-009769
  - Ampullae of Lorenzini
    - 71-002126
  - Blood Chemistry
    - 71-003060

...CONTINUED...

- Raja clavata
  - Blood Chemistry
    - 71-003246
  - Cadmium
    - 71-011230
  - Digestive System
    - 71-004495
  - Electroreception
    - 71-002125
  - Heavy Metals
    - 71-011230
    - 71-011233
  - Mercury
    - 71-011233
  - Nervous System
    - 71-001430
    - 71-003884
  - Parasites/Diseases
    - 71-009769
  - Radionuclides
    - 71-010355
  - Silver
    - 71-010355
  - Steroids
    - 71-003246
  - Trematodes
    - 71-009769
- Raja eglanteria
  - Acoustico-Lateralis System
    - 71-001676
- Raja erinacea
  - Amino Acids
    - 71-002733
    - 71-002824
    - 71-003254
    - 71-003255
  - Ampullary System
    - 71-001903
  - Biochemical Composition
    - 71-004012
  - Blood Chemistry
    - 71-002824
  - Electroreception
    - 71-001903
  - Enzymes
    - 71-002439
    - 71-003147
  - Liver
    - 71-002439
  - Osmoregulation
    - 71-002307
    - 71-002653
    - 71-002732
    - 71-002733
    - 71-004127
  - Taxonomy
    - 71-008682
- Raja fyllae
  - Nematodes
    - 71-009996
  - Parasites/Diseases
    - 71-009996
  - Proleptus mackenziei
    - 71-009996
- Raja garmani
  - Variation Studies
    - 71-008683
- Raja inornata
  - Distribution/Geographical
    - 71-008482
- Raja lentiginosa
  - Taxonomy
    - 71-008683
- Raja leptocauda
  - New Species
    - 71-008651
- Raja naevus
  - Age/Growth
    - 71-007434
  - Biochemical Composition
    - 71-002664
  - Cardio-Vascular System
    - 71-002664
  - Cestodes
    - 71-009802
  - Parasites/Diseases
    - 71-009802
  - Spawning
    - 71-006253
- Raja ocellata
  - Ampullary System
    - 71-001903
  - Auditory Senses
    - 71-001401
  - Electroreception
    - 71-001903
  - Taxonomy
    - 71-008682
- Raja radiata
  - Ether
    - 71-010727
  - Micropharynx parasitica
    - 71-009495
  - Parasites/Diseases
    - 71-009309
    - 71-009495
  - Protozoan Diseases
    - 71-009309
  - Trichodina oviducti
    - 71-009309
  - Turbellarians
    - 71-009495
- Raja rhina
  - Reproductive System
    - 71-002278
- Raja trachyderma
  - New Species
    - 71-008651
- Rajidae
  - Cestodes
    - 71-009558
  - Parasites/Diseases
    - 71-009558
  - Taxonomy
    - 71-008812
- Rajoidea
  - Taxonomy
    - 71-008581
- Ranchovia brevis
  - Taxonomy
    - 71-008823
- Ranchovia splendens
  - Taxonomy
    - 71-008823
- Randallichthys
  - New Genus
    - 71-008454
- Ranzania laevis
  - Early Development
    - 71-003399
  - Embryology
    - 71-003399
  - Life History/General
    - 71-005808
  - Spawning
    - 71-003399
- Rasbora daniconius
  - Foods/Feeding
    - 71-006850
  - Heavy Metals
    - 71-010981
  - Zinc
    - 71-010981
- Rastrelleger kanagurta
  - Predator/Prey Relationships
    - 71-006834
- Rastrelliger
  - Distribution/Geographical
    - 71-007873
  - Embryology
    - 71-007873
- Rastrelliger kanagurta
  - Abnormalities
    - 71-001696
  - Distribution/Factors of
    - 71-008199
  - Distribution/Geographical
    - 71-008199
  - Embryology
    - 71-008199
  - Foods/Feeding
    - 71-006868
  - Harvest
    - 71-013315
  - Length-Weight Relationships
    - 71-006868
  - Life History/General
    - 71-005830
  - Management/Research--Marine
    - 71-013315
  - Movements
    - 71-006679
- Redfieldius
  - Paleontology
    - 71-008770
- Regalecus glesne
  - Distribution/Geographical
    - 71-008186
- Reinhardtius hippoglossoides
  - Age/Growth
    - 71-007393
  - Arsenic
    - 71-010979
  - Distribution/Geographical
    - 71-008094
  - Movements
    - 71-008094
- Remilegia australis
  - Parasitic Behavior
    - 71-007228
- Rexea solandri
  - Lipid Composition
    - 71-003571
- Rhabdosargus
  - Fish Lists/Keys
    - 71-008793
  - Taxonomy
    - 71-008793
- Rhabdosargus sarba
  - Life History/General
    - 71-005785
- Rhabdosargus thorpei
  - New Species
    - 71-008793
- Rhamdia hilarii
  - Endocrinology
    - 71-004260
  - Reproduction
    - 71-004260
- Rhamphichthyidae
  - Electric Organs
    - 71-005092
  - Electrical Communication
    - 71-005092
- Rhaphiodon vulpinus
  - Skeletal System
    - 71-001718
- Rhechias vicinalis
  - Taxonomy
    - 71-008790
- Rhigophila dearborni
  - Respiration
    - 71-003864
- Rhinecanthus aculeatus
  - Locomotion
    - 71-004905

- Rhinichthys atratulus
  - Ammonia
    - 71-010792
  - Chloramines
    - 71-010791
  - Chlorine
    - 71-010790
    - 71-010791
    - 71-010792
    - 71-011464
  - Early Development
    - 71-001457
  - Foods/Feeding
    - 71-009897
  - Habitat Selection
    - 71-005407
  - Hybridization
    - 71-004650
    - 71-004720
  - Karyotypes
    - 71-004650
  - Lactate Dehydrogenase
    - 71-004720
  - Life History/General
    - 71-005506
  - Neascus cuticola
    - 71-009897
  - Parasites/Diseases
    - 71-009897
  - Photoperiodism
    - 71-004203
  - Power Plant Effluents
    - 71-010791
  - Rheotropism
    - 71-005407
  - Sewage Effluents
    - 71-010790
    - 71-010792
  - Temperature
    - 71-004203
  - Trematodes
    - 71-009897
  - Trophic Relationships
    - 71-005407
- Rhinichthys cataractae
  - Early Development
    - 71-001457
    - 71-001486
  - Electrophoresis
    - 71-004715
  - Embryology
    - 71-001486
  - Hybridization
    - 71-001486
    - 71-004650
    - 71-004720
    - 71-004766
  - Karyotypes
    - 71-004650
  - Lactate Dehydrogenase
    - 71-004720
  - Life History/General
    - 71-005508
  - Neascus rhinichthysi
    - 71-009969
  - Parasites/Diseases
    - 71-009969
  - Trematodes
    - 71-009969
  - Variation Studies
    - 71-004543
    - 71-004715
- Rhinichthys osculus
  - Foods/Feeding
    - 71-007220
  - Parasites/Diseases
    - 71-008976
- Rhinobatos batillum
  - Gill Parasites
    - 71-009730
  - Horricauda rhinobatidis
    - 71-009730
  - Parasites/Diseases
    - 71-009730
  - Trematodes
    - 71-009730
  - Troglocephalus rhinobatidis
    - 71-009730
- Rhinobatos planiceps
  - Cestodes
    - 71-009596
  - Nematodes
    - 71-009596
  - Parasites/Diseases
    - 71-009596
  - Rhinebothrium
    - 71-009596
- Rhinobatos productus
  - Vision
    - 71-004985
- Rhinobius brunneus
  - Coloration
    - 71-005228
  - Habitat Selection
    - 71-005228
- Rhinogobius giurinus
  - Population Studies
    - 71-005974
- Rhinogobius pflaumi
  - Distribution/Geographical
    - 71-008130
  - Morphology
    - 71-008130
- Rhinogobius similis similis
  - Distribution/Geographical
    - 71-008130
  - Morphology
    - 71-008130
- Rhinomugil corsula
  - Salinity
    - 71-003332
  - Temperature
    - 71-003332
- Rhinoptera bonasus
  - Cestodes
    - 71-009572
    - 71-009985
    - 71-009986
  - Duplicibothrium minutum
    - 71-009986
  - Glyphobothrium zwerneri
    - 71-009985
  - Parasites/Diseases
    - 71-009572
    - 71-009985
    - 71-009986
  - Rhinoptericola megacantha
    - 71-009572
- Rhizoprionodon acutus
  - Taxonomy
    - 71-008702
- Rhizoprionodon oligolinx
  - Distribution/Geographical
    - 71-008819
  - Taxonomy
    - 71-008702
    - 71-008819
- Rhodeus ocellatus ocellatus
  - Early Development
    - 71-005724
  - Embryology
    - 71-005724
  - Light
    - 71-003648
    - 71-003649
  - Reproduction
    - 71-003648
  - Reproductive System
    - 71-003649
  - Spawning
    - 71-006181
  - Temperature
    - 71-003648
    - 71-003649
- Rhomboidichthys azureus
  - Taxonomy
    - 71-008820
- Rhomboplites aurorubens
  - Age/Growth
    - 71-007469
  - Distribution/Geographical
    - 71-007940
  - Early Development
    - 71-008653
  - Embryology
    - 71-008653
  - Fecundity
    - 71-006293
  - Habitat Selection
    - 71-007940
  - Identification
    - 71-008653
  - Length-Weight Relationships
    - 71-007469
  - Life History/General
    - 71-005619
    - 71-005620
  - Movements
    - 71-006614
  - Spawning
    - 71-006293
- Rhombosolea plebeia
  - Variation Studies
    - 71-001482
- Rhombosolea tapirina
  - Digestive System
    - 71-002861
  - Nervous System
    - 71-002861
- Rhomdia hilarii
  - Endocrinology
    - 71-002015
- Rhynchobatus djeddenis
  - Life History/General
    - 71-005944
- Rhynchodoras
  - Taxomony
    - 71-008590
- Rhynchodoras woodsi
  - New Species
    - 71-008590
- Richardsonius balteatus
  - Ornithodiplostomum Ptychocheilus
    - 71-009932
  - Parasites/Diseases
    - 71-009932
  - Trematodes
    - 71-009932
- Rimicola muscarum
  - Foods/Feeding
    - 71-007209
- Rineloricaria formosa
  - New Species
    - 71-008633
- Rineloricaria hasemani
  - New Species
    - 71-008633
- Rinoctes nasutus
  - Taxonomy
    - 71-008665
- Rita rita
  - Cardio-Vascular System
    - 71-001981
  - Opisthorchis pedicellata
    - 71-009663

...CONTINUED...

- Rita rita
  - Parasites/Diseases
    - 71-009663
  - Trematodes
    - 71-009663
- Rivulus cylindraceus
  - Temperature
    - 71-002914
- Rivulus marmoratus
  - Variation Studies
    - 71-001604
- Rohtee alfrediana
  - Skeletal System
    - 71-001514
- Rohtee cotio
  - Skeletal System
    - 71-001514
- Ronquilus jordoni
  - Hemiuridae
    - 71-009753
  - Parasites/Diseases
    - 71-009753
  - Trematodes
    - 71-009753
- Rosenblattia robusta
  - Taxonomy
    - 71-008672
- Rouleina attrita
  - Distribution/Geographical
    - 71-008669
  - Taxonomy
    - 71-008669
- Rouleina maderensis
  - Distribution/Geographical
    - 71-008669
  - Taxonomy
    - 71-008669
- Rouleina squamilatera
  - Distribution/Geographical
    - 71-008181
- Rusichthys plesiomorphus
  - New Species
    - 71-008875
- Rutilus frisii
  - Hybridization
    - 71-004845
- Rutilus frisii katum
  - Helminths
    - 71-009621
  - Parasites/Diseases
    - 71-009621
- Rutilus frisii kutum
  - Embryology
    - 71-002872
  - Spawning
    - 71-006507
  - Temperature
    - 71-002872
- Rutilus frisii x Vimba vimba
  - Hybridization
    - 71-004845
- Rutilus rubilio
  - Foods/Feeding
    - 71-007034
  - Trophic Relationships
    - 71-007034
- Rutilus rutilus
  - Abundance/Factors of
    - 71-004091
    - 71-007069
    - 71-008313
    - 71-008372
    - 71-008400
  - Age/Growth
    - 71-005780
    - 71-005968
    - 71-005970
    - 71-007069
    - 71-007402
    - 71-007410
    - 71-007458
    - 71-007476
    - 71-007542
    - 71-007543
    - 71-007577
    - 71-007625
  - Age/Length Composition
    - 71-006524
  - Antiseptics
    - 71-010725
  - Asymphylodora kubanicum
    - 71-009624
  - ATP
    - 71-011362
  - Bile Composition
    - 71-004048
  - Biochemical Composition
    - 71-003367
    - 71-003759
  - Blood Chemistry
    - 71-004090
  - Buoyancy Adjustment
    - 71-005424
  - Cardio-Vascular System
    - 71-002827
  - Cestodes
    - 71-009548
    - 71-009944
    - 71-009945
  - Competition
    - 71-008313
  - Culture/Propagation
    - 71-000495
  - Digestion Rates
    - 71-006979
  - Digestive System
    - 71-003011
    - 71-003012
    - 71-003643
  - Diplostomum spathaceum
    - 71-009548

...CONTINUED...

- Rutilus rutilus
  - Embryology
    - 71-003912
  - Endocrinology
    - 71-002751
  - Enzymes
    - 71-003011
    - 71-003643
    - 71-011362
  - Exercise
    - 71-002322
  - Fecundity
    - 71-005587
    - 71-006372
    - 71-006392
    - 71-006524
    - 71-007410
  - Fishing Gear
    - 71-012632
  - Foods/Feeding
    - 71-000495
    - 71-005587
    - 71-006979
    - 71-007069
    - 71-007151
  - Heavy Metals
    - 71-010757
    - 71-011362
  - Hermaphroditism
    - 71-003143
  - Hybridization
    - 71-004852
  - Immune Response
    - 71-002633
  - Length-Weight Relationships
    - 71-005780
  - Ligula intestinalis
    - 71-009944
    - 71-009945
  - Management/Research--Lakes
    - 71-007069
  - Maturation
    - 71-004091
  - Mercury
    - 71-010757
  - Nets/Netting
    - 71-012632
  - Nuptial Tubercles
    - 71-003982
  - Orientation/Homing
    - 71-006291
  - Parasites/Diseases
    - 71-009548
    - 71-009624
    - 71-009944
    - 71-009945
  - Pituitary
    - 71-001644
  - Pollution
    - 71-007577
    - 71-010353
  - Population Studies
    - 71-005587
    - 71-005968
    - 71-008313
    - 71-010354
  - Production
    - 71-005968
  - Radionuclides
    - 71-011172
  - Reproduction
    - 71-004091
    - 71-006392
  - Salinity
    - 71-003912
    - 71-006495
  - Sewage Effluents
    - 71-003759
    - 71-010354
    - 71-010491
  - Spawning
    - 71-005780
    - 71-006370
    - 71-006495
  - Spawning Migration
    - 71-006291
  - Temperature
    - 71-002827
    - 71-003012
    - 71-007402
  - Trematodes
    - 71-009624
  - Trophic Relationships
    - 71-007069
  - Tylodelphys clavata
    - 71-009548
  - Vision
    - 71-003959
  - Year Class Strength
    - 71-005970
    - 71-007543
- Rutilus rutilus caspicus
  - Abundance/Factors of
    - 71-008371
  - Distribution/Factors of
    - 71-008371
  - Foods/Feeding
    - 71-006992
  - Management/Research--General
    - 71-012261
  - Mortality Rates
    - 71-012261
  - Salinity
    - 71-008371
  - Size Limits
    - 71-012261
  - Spawning
    - 71-006500
- Rutilus rutilus heckeli
  - Life History/General
    - 71-005855

Rutilus rutilus lacustris
  Phenols
   71-010569
Rutilus rutilus X Abramis brama
  Hybrid Identification
   71-001477
  Hybrid Indentification
   71-004553
  Morphology
   71-001477
Rutilus rutilus X Scardinius erythrophthalm
  Hybrid Identification
   71-004854
  Hybridization
   71-004854
Rutilus rutilus X Scardinus erythrophthalmus
  Hybrid Identification
   71-001477
   71-004553
  Morphology
   71-001477
Rypticus
  Morphology
   71-008675
  Taxonomy
   71-008675
Saccobranchus fossilis
  Chlordane
   71-011492
   71-011493
   71-011494
  Ekalaux
   71-011493
  Ekatin
   71-011493
  Insecticides
   71-011492
   71-011493
   71-011494
  Sumithion
   71-011493
Salmo
  Aeromonas salmonicida
   71-009169
  Age/Growth
   71-004812
  Bacterial Diseases
   71-009150
   71-009169
  Culture/Propagation
   71-000254
   71-012472
  Embryology
   71-003750
  Furunculosis
   71-009169
  Hybridization
   71-004812
  Parasites/Diseases
   71-009150
   71-009169
  Salinity
   71-004812
  Stocking/Introductions
   71-012472
  Taxonomy
   71-006454
   71-008591
  Temperature
   71-005281
  Temperature Selection
   71-005281
  Ulcerative Dermal Necrosis
   71-009150
  Variation Studies
   71-004705
  Vibrio anguillarum
   71-009169
Salmo aguabonita
  Culture/Propagation
   71-000373
  Hybridization
   71-000373
   71-004624
Salmo alpinus
  Enzymes
   71-002511
Salmo apache
  Status
   71-005493
  Temperature
   71-002131
Salmo clarki
  Ammonia
   71-011456
  Blood Chemistry
   71-002308
   71-004135
  Catch Limits
   71-012920
  Chlordane
   71-010559
  Competition
   71-005065
  Dinoseb
   71-011541
  Electrophoresis
   71-004551
   71-004672
   71-004697
   71-004761
   71-004767
   71-008644
  Evolution
   71-004696
  Gas Bubble Disease
   71-009630

...CONTINUED...
Salmo clarki
  Genetic Strains
   71-004588
  Genetics
   71-004695
  Habitat Selection
   71-005065
  Harvest
   71-011768
  Herbicides
   71-011540
   71-011541
  Hybridization
   71-004761
   71-004767
  Insecticides
   71-010559
  Karyotypes
   71-004696
  Lactate Dehydrogenase
   71-008644
  Life History/General
   71-005680
   71-011768
  Locomotion
   71-005392
  Management/Research--General
   71-011768
  Management/Research--Lakes
   71-004588
  Management/Research--Rivers and Streams
   71-005680
   71-012440
   71-012920
  Mine Effluents
   71-010370
  Nitrite
   71-011456
  Olfaction
   71-005112
  Oxygen
   71-013030
  Parasites/Diseases
   71-009630
  Picloram
   71-011541
  Pulp Mill Effluents
   71-010623
  Size Limits
   71-012254
   71-012920
  Stocking/Introductions
   71-012423
   71-012440
  Stream Improvement/General
   71-011991
  Stress
   71-004135
  Taxonomy
   71-008644
  Variation Studies
   71-004697
   71-004698
  2,4-D
   71-011540
Salmo clarki clarki
  Competition
   71-005027
  Habitat Selection
   71-005027
Salmo clarki henshawi
  Distribution/Seasonal
   71-006738
  Distribution/Vertical
   71-006738
  Movements
   71-006582
  Status
   71-005493
   71-008619
  Taxonomy
   71-008617
  Temperature
   71-004291
Salmo clarki lewisi
  Fire
   71-008295
  Harvest
   71-012992
  Management/Research--Rivers and Streams
   71-012992
  Regulations
   71-012992
Salmo clarki pleuriticus
  Status
   71-005493
  Taxonomy
   71-008592
Salmo clarki seleniris
  Distribution/Factors of
   71-006605
  Movements
   71-006605
  Status
   71-005493
Salmo clarki stomias
  Status
   71-005493
Salmo clarki utah
  Abundance/Factors of
   71-005738
  Ecology
   71-005738
  Life History/General
   71-005738
  Management/Research--General
   71-008618
  Status
   71-008618

...CONTINUED...
Salmo clarki utah
  Status
   71-008619
  Taxonomy
   71-005738
   71-008618
Salmo clarki virginalis
  Stocking/Introductions
   71-012469
Salmo clarki X S. gairdneri
  Electrophoresis
   71-004767
  Hybridization
   71-004767
Salmo gairdneri
  Abnormalities
   71-001612
  Abundance/Factors of
   71-006129
   71-008341
   71-008352
   71-008355
   71-008425
   71-012927
  Acanthocephala
   71-009739
  Acetone
   71-011076
  Acid Mine Water
   71-010799
  Acid Precipitation
   71-011181
  Acidosis
   71-003230
  Acoustico-Lateralis System
   71-009977
  Acrolein
   71-010135
  Adenosine
   71-002458
  Aeration
   71-006633
   71-010520
   71-011888
   71-012044
   71-013026
  Aeromonas
   71-009055
   71-009056
  Aeromonas hydrophila
   71-009105
  Aeromonas liquefaciens
   71-009132
  Aeromonas salmonicida
   71-009091
   71-009093
   71-009105
   71-009155
   71-009168
  Aflatoxins
   71-010632
   71-010886
   71-011064
   71-011091
  Age/Growth
   71-000263
   71-002427
   71-003282
   71-004674
   71-007362
   71-007423
   71-007455
   71-007460
   71-007505
   71-007520
   71-007539
   71-007596
   71-007627
   71-007662
  Aggressive Behavior
   71-005457
  Alkalinity
   71-004321
  Altosid
   71-011120
  Amebiasis
   71-009647
  Amino Acids
   71-000827
   71-002680
   71-002846
   71-003016
   71-003105
   71-003138
   71-003209
   71-003210
   71-003211
   71-003212
   71-003967
   71-004151
   71-004155
  Ammonia
   71-000249
   71-004045
   71-010639
   71-010664
   71-010894
   71-011380
  Anemia
   71-003355
   71-004427
  Anesthetics
   71-002530
   71-010735
   71-010918
   71-011383
   71-011384

...CONTINUED...
Salmo gairdneri
  Anesthetics
   71-011385
   71-011397
   71-011442
  Anoxia
   71-004066
  Antibodies
   71-009125
  Appetite Stimulants
   71-000671
  Aqua-Kleen
   71-010756
  Aroclor
   71-010602
   71-010851
   71-011030
   71-011375
  Aromatic Hydrocarbons
   71-011136
   71-011422
  Arsenic
   71-011410
  Ascorbic Acid
   71-000882
   71-002984
   71-002985
   71-004491
  Axenic Fish
   71-003405
  Bacterial Diseases
   71-000202
   71-009042
   71-009043
   71-009044
   71-009045
   71-009055
   71-009056
   71-009062
   71-009076
   71-009077
   71-009078
   71-009079
   71-009093
   71-009105
   71-009125
   71-009132
   71-009143
   71-009149
   71-009155
   71-009159
   71-009168
   71-009181
   71-009187
   71-009188
   71-009217
  Bacterial Kidney Disease
   71-009091
   71-009143
   71-009159
   71-009187
   71-009217
  Bactericides
   71-011237
  Baculovirus
   71-009395
  Bayer 73
   71-010601
  BCM
   71-010681
  Behavior/Fry
   71-004972
  Benomyl
   71-010681
  Benzene
   71-011135
  Benzocaine
   71-010735
  Benzylidene Malononitriles
   71-010536
  Bioassay Techniques
   71-010561
   71-010856
  Biochemical Composition
   71-000839
   71-000858
   71-000946
   71-002570
   71-003794
   71-004151
   71-004156
   71-004504
   71-004534
  Bioenergetics
   71-000880
   71-002427
  Biological Tags
   71-004759
  Blood Chemistry
   71-002135
   71-002180
   71-002288
   71-002308
   71-002325
   71-002326
   71-002372
   71-002394
   71-002459
   71-002465
   71-002472
   71-002571
   71-002608
   71-002623
   71-002626
   71-002628
   71-002680
   71-002736
   71-002782

...CONTINUED...
Salmo gairdneri
Blood Chemistry
71-002880
71-002905
71-002927
71-003022
71-003046
71-003060
71-003209
71-003212
71-003246
71-003263
71-003348
71-003353
71-003354
71-003355
71-003356
71-003389
71-003426
71-003552
71-003626
71-003644
71-003656
71-003680
71-003736
71-003737
71-003769
71-003770
71-003771
71-003772
71-003773
71-003927
71-003937
71-003949
71-003971
71-004051
71-004077
71-004321
71-004344
71-004345
71-004350
71-004365
71-004422
71-009010
71-009056
71-010901
Blood Sampling
71-004078
Brood Stock
71-000149
71-000238
Cadmium
71-010590
71-010645
71-010692
71-010694
71-010922
71-010940
71-010941
71-011017
71-011219
71-011288
71-011530
Cage Culture
71-000050
71-000163
71-000188
71-000216
71-000248
71-000412
Calcium
71-000830
Carbaryl
71-011066
Carbon Dioxide
71-002627
Carbon Tetrachloride
71-010898
71-011244
71-011245
71-011423
Cardio-Vascular System
71-001894
71-002039
71-002286
71-002287
71-002458
71-002676
71-002800
71-003839
71-003840
71-003903
71-003971
71-004056
71-004075
71-004370
71-004423
71-004424
71-004427
Carotenoids
71-002499
Catch Limits
71-012257
Catecholamines
71-003123
Ceroidosis
71-009930
Cestodes
71-009485
71-010001
Channelization
71-012016
Chemical Reclamation
71-013033
Chemoreception
71-002531
Chlorinated Benzenes
71-011135

...CONTINUED...
Salmo gairdneri
Chlorine
71-010413
71-010587
71-010588
71-010644
71-010876
71-011028
71-011184
71-011559
Chromium
71-010639
71-010656
71-010922
71-011015
Clophen A50
71-010783
Cobalt
71-003329
Cojoined Twins
71-001409
Coloration
71-000707
71-001489
71-001612
71-002493
Competition
71-003413
71-004876
71-005065
71-006129
71-006912
71-008355
Copper
71-004321
71-009424
71-010645
71-010692
71-010694
71-010799
71-010865
71-010919
71-011039
71-011124
71-011504
71-011505
71-011506
Copper Sulfate
71-010803
Corpuscle of Stannius
71-001771
Corticosteroids
71-004233
Cortisol
71-002180
Corynebacterium
71-009143
71-009217
Cottonseed
71-010885
Creel Census
71-012193
71-012223
Cryptobia salmositica
71-009324
71-009380
CS Gas
71-010536
Culture/Propagation
71-000050
71-000095
71-000149
71-000150
71-000151
71-000153
71-000155
71-000163
71-000164
71-000165
71-000170
71-000172
71-000181
71-000188
71-000189
71-000190
71-000202
71-000213
71-000214
71-000215
71-000216
71-000227
71-000229
71-000235
71-000238
71-000241
71-000243
71-000245
71-000246
71-000248
71-000263
71-000266
71-000268
71-000271
71-000373
71-000412
71-000464
71-000532
71-000629
71-000669
71-000671
71-000677
71-000678
71-000679
71-000680
71-000681
71-000684
71-000686
71-000690

...CONTINUED...
Salmo gairdneri
Culture/Propagation
71-000693
71-000702
71-000707
71-000709
71-000711
71-000712
71-000715
71-000725
71-000727
71-000729
71-000740
71-000745
71-000747
71-000750
71-000755
71-000761
71-000763
71-000768
71-000770
71-000773
71-000774
71-000776
71-000777
71-000778
71-000779
71-000788
71-000789
71-000792
71-000802
71-000805
71-000808
71-000812
71-000826
71-000828
71-000829
71-000833
71-000834
71-000835
71-000837
71-000840
71-000841
71-000844
71-000854
71-000855
71-000858
71-000859
71-000860
71-000861
71-000862
71-000866
71-000879
71-000888
71-000889
71-000896
71-000897
71-000901
71-000903
71-000905
71-000906
71-000907
71-000913
71-000914
71-000915
71-000916
71-000919
71-000921
71-000922
71-000944
71-000946
71-000947
71-000948
71-000953
71-000954
71-000989
71-002604
71-002728
71-003396
71-003736
71-004072
71-004668
71-005402
71-007460
71-007520
71-010034
71-010520
71-012885
71-013008
Cyanide
71-010639
71-011300
71-011389
Cypermethrin
71-010705
Dams
71-011902
71-012063
DDT
71-010539
71-010992
71-011066
71-011256
Dehydroabietic Acid
71-010810
Dentition
71-001418
71-001419
Detergents
71-010532
71-010938
Dieldrin
71-010886
71-011066
71-011248
Diets
71-000669

...CONTINUED...
Salmo gairdneri
Diets
71-000678
71-000686
71-000711
71-000712
71-000740
71-000755
71-000761
71-000773
71-000778
71-000779
71-000844
71-000854
71-000855
71-000859
71-000860
71-000861
71-000896
71-000897
71-000905
71-000907
71-000913
71-000914
71-000916
71-000954
Diflubenzuron
71-011075
Digestion Rates
71-000693
71-000752
71-002728
71-004408
71-007186
Digestive System
71-001682
71-002158
71-002272
71-002273
71-003105
71-004489
71-004570
Digestive System/Bacterial Flora
71-003923
71-004237
Dimilin
71-011120
Diphyllobothrium
71-010001
Diphyllobothrium dendriticum
71-009485
Distribution/Factors of
71-007973
Distribution/Geographical
71-007689
71-012461
Distribution/Seasonal
71-006649
Distribution/Vertical
71-006633
71-006669
71-006703
71-012044
Dodecyl Sodium Sulfate
71-010803
Early Development
71-002024
71-003540
71-004337
Economic Values
71-012209
Egg Weight
71-001432
Eggs
71-002502
Egtved Virus
71-009411
Electrophoresis
71-003193
71-004357
71-004571
71-004638
71-004672
71-004760
71-004761
71-004767
71-007689
Electroshock
71-002496
71-003449
71-004360
71-012599
Embryology
71-001573
71-003903
71-004504
71-004919
Endocrinology
71-000170
71-001876
71-002178
71-002250
71-002253
71-002310
71-002382
71-002489
71-002551
71-002611
71-002619
71-002620
71-002816
71-002832
71-002970
71-003033
71-003071
71-003072
71-003073
71-003085
71-003144

...CONTINUED...
- Salmo gairdneri
  - Endocrinology
    - 71-003282
    - 71-003283
    - 71-003286
    - 71-003347
    - 71-003384
    - 71-003385
    - 71-003521
    - 71-003540
    - 71-003549
    - 71-003553
    - 71-003626
    - 71-003640
    - 71-003717
    - 71-003790
    - 71-004009
    - 71-004061
    - 71-004064
    - 71-004193
    - 71-004200
    - 71-004272
    - 71-004368
    - 71-004390
    - 71-004391
  - Enzymes
    - 71-002158
    - 71-002303
    - 71-002472
    - 71-002473
    - 71-002503
    - 71-002663
    - 71-002736
    - 71-002782
    - 71-002798
    - 71-003002
    - 71-003168
    - 71-003182
    - 71-003183
    - 71-003192
    - 71-003243
    - 71-003348
    - 71-003647
    - 71-003683
    - 71-003868
    - 71-003949
    - 71-003950
    - 71-004130
    - 71-004265
    - 71-004334
    - 71-009010
  - Epidermal Lesions
    - 71-009891
  - Ergasilus
    - 71-009550
  - Ethanol
    - 71-011076
  - Excretory System
    - 71-002734
    - 71-002813
    - 71-003681
    - 71-003755
    - 71-004335
    - 71-004422
  - Exercise
    - 71-002608
    - 71-003236
    - 71-003769
    - 71-004215
  - Feed Additives
    - 71-010680
  - Feeding Experiments
    - 71-000151
    - 71-000245
    - 71-000669
    - 71-000677
    - 71-000678
    - 71-000680
    - 71-000681
    - 71-000686
    - 71-000690
    - 71-000693
    - 71-000702
    - 71-000709
    - 71-000712
    - 71-000715
    - 71-000725
    - 71-000726
    - 71-000727
    - 71-000729
    - 71-000740
    - 71-000747
    - 71-000750
    - 71-000752
    - 71-000755
    - 71-000761
    - 71-000762
    - 71-000763
    - 71-000770
    - 71-000773
    - 71-000776
    - 71-000777
    - 71-000778
    - 71-000779
    - 71-000788
    - 71-000789
    - 71-000792
    - 71-000802
    - 71-000805
    - 71-000808
    - 71-000812
    - 71-000826
    - 71-000828
    - 71-000829
    - 71-000833
    - 71-000834
    - 71-000837
    - 71-000839

...CONTINUED...
- Salmo gairdneri
  - Feeding Experiments
    - 71-000840
    - 71-000841
    - 71-000844
    - 71-000854
    - 71-000855
    - 71-000858
    - 71-000859
    - 71-000860
    - 71-000861
    - 71-000862
    - 71-000866
    - 71-000879
    - 71-000880
    - 71-000888
    - 71-000896
    - 71-000897
    - 71-000901
    - 71-000903
    - 71-000905
    - 71-000906
    - 71-000907
    - 71-000913
    - 71-000914
    - 71-000915
    - 71-000916
    - 71-000919
    - 71-000921
    - 71-000944
    - 71-000946
    - 71-000947
    - 71-000948
    - 71-000953
    - 71-000954
    - 71-002427
    - 71-002728
    - 71-003396
    - 71-003736
    - 71-004072
    - 71-004111
  - Feeds
    - 71-000679
    - 71-000684
    - 71-000690
    - 71-000702
    - 71-000707
    - 71-000727
    - 71-000745
    - 71-000768
    - 71-000776
    - 71-000777
    - 71-000808
    - 71-000833
    - 71-000879
    - 71-000888
    - 71-000889
    - 71-000901
  - Fenpropanate
    - 71-010705
  - Fenvalerate
    - 71-010705
  - Fertilization
    - 71-002249
  - Fire Retardants
    - 71-010957
  - Fish Hatchery Effluents
    - 71-010034
  - Fish Kills
    - 71-010521
  - Fisherman Surveys
    - 71-012209
  - Fishways
    - 71-011902
    - 71-012694
  - Flame Retardants
    - 71-010611
    - 71-011373
  - Flexibacter columnaris
    - 71-009188
  - Food Conversion Efficiency
    - 71-000805
  - Foods/Feeding
    - 71-000752
    - 71-000922
    - 71-005239
    - 71-006754
    - 71-006765
    - 71-007015
    - 71-007077
    - 71-007277
    - 71-007287
    - 71-007295
    - 71-007326
    - 71-007342
    - 71-007505
    - 71-012392
    - 71-012927
  - Foods/Feeding/Selectivity
    - 71-006788
    - 71-007011
  - Forage Introductions
    - 71-012433
  - Fungal Diseases
    - 71-009225
  - Fungicides
    - 71-010681
  - Furanace
    - 71-009076
  - Furunculosis
    - 71-000202
    - 71-009155
    - 71-009168
  - Gamete Storage
    - 71-000236
    - 71-000266
    - 71-000986
  - Gas Bubble Disease
    - 71-009522

...CONTINUED...
- Salmo gairdneri
  - Gas Bubble Disease
    - 71-009616
    - 71-009830
    - 71-009831
    - 71-009833
    - 71-009837
    - 71-009977
    - 71-010625
  - GD-174
    - 71-011590
  - Genetic Markers
    - 71-004759
  - Genetic Strains
    - 71-000164
    - 71-000215
    - 71-000216
    - 71-000245
    - 71-000246
    - 71-000858
    - 71-004618
    - 71-004811
    - 71-012436
    - 71-012450
    - 71-012454
  - Genetics
    - 71-004619
    - 71-004666
    - 71-004760
    - 71-004829
    - 71-007596
  - Geothermal Development
    - 71-011426
  - Geothermal Effects
    - 71-006346
    - 71-007505
  - Gills
    - 71-001629
    - 71-001630
    - 71-001668
    - 71-002287
    - 71-003755
    - 71-003756
  - Glomerular Mesangial Fibrosis
    - 71-009694
  - Growth Stimulants
    - 71-000229
  - Habitat Selection
    - 71-004876
    - 71-004878
    - 71-005065
    - 71-005178
    - 71-005356
    - 71-012927
  - Handling Mortality
    - 71-000202
  - Hardness
    - 71-011505
    - 71-011506
  - Harvest
    - 71-012121
    - 71-012436
    - 71-012454
  - Heated Water
    - 71-000165
  - Heavy Metals
    - 71-003329
    - 71-004321
    - 71-009424
    - 71-010364
    - 71-010424
    - 71-010520
    - 71-010590
    - 71-010639
    - 71-010645
    - 71-010647
    - 71-010656
    - 71-010692
    - 71-010694
    - 71-010730
    - 71-010799
    - 71-010852
    - 71-010853
    - 71-010865
    - 71-010867
    - 71-010874
    - 71-010901
    - 71-010902
    - 71-010904
    - 71-010905
    - 71-010906
    - 71-010907
    - 71-010912
    - 71-010919
    - 71-010921
    - 71-010922
    - 71-010940
    - 71-010941
    - 71-010951
    - 71-011015
    - 71-011017
    - 71-011039
    - 71-011044
    - 71-011124
    - 71-011126
    - 71-011141
    - 71-011196
    - 71-011203
    - 71-011219
    - 71-011249
    - 71-011288
    - 71-011474
    - 71-011504
    - 71-011505
    - 71-011516
    - 71-011517
    - 71-011518

...CONTINUED...
- Salmo gairdneri
  - Heavy Metals
    - 71-011530
  - Hematozoa
    - 71-009380
  - Hemoproteins
    - 71-002637
  - Hepatomas
    - 71-009973
  - Herbicides
    - 71-010135
    - 71-010166
    - 71-010756
    - 71-010805
    - 71-010872
    - 71-011508
  - Hexachlorobenzene
    - 71-011185
  - Hexamita salmonis
    - 71-009285
  - Hooking Mortality
    - 71-012269
  - Hooking Stress
    - 71-004443
  - Hormones
    - 71-000150
    - 71-000229
    - 71-002178
    - 71-002316
    - 71-002736
    - 71-003099
    - 71-003144
    - 71-003145
    - 71-003283
    - 71-003347
    - 71-003521
    - 71-003550
    - 71-003717
    - 71-003717
    - 71-003717
    - 71-003771
    - 71-003937
    - 71-004193
    - 71-004258
    - 71-004390
  - Hybridization
    - 71-000373
    - 71-004624
    - 71-004761
    - 71-004767
    - 71-004811
  - Hydraulic Fluids
    - 71-011182
  - Hydrogen Cyanide
    - 71-011389
  - Hydrogen Sulfide
    - 71-011391
  - Hyperplasia
    - 71-011029
  - Hypervitaminosis A
    - 71-000763
  - Hypoxia
    - 71-002530
    - 71-002800
    - 71-003022
    - 71-003172
    - 71-004058
    - 71-004065
    - 71-004066
    - 71-004075
    - 71-004077
    - 71-004370
  - IHN
    - 71-009389
    - 71-009406
    - 71-009423
    - 71-009424
    - 71-009427
  - Immune Response
    - 71-002905
    - 71-004131
    - 71-009043
    - 71-009044
    - 71-009045
    - 71-011432
  - Immunization
    - 71-008889
    - 71-008934
    - 71-009042
    - 71-009043
    - 71-009078
  - Imprinting
    - 71-005370
  - Inbreeding
    - 71-000172
    - 71-000213
    - 71-004668
  - Induced Maturation
    - 71-000095
    - 71-000170
    - 71-000532
    - 71-002604
    - 71-003145
    - 71-004258
  - Insect Juvenile Hormone Analogues
    - 71-011075
    - 71-011120
  - Insecticides
    - 71-010539
    - 71-010650
    - 71-010705
    - 71-010823
    - 71-010851
    - 71-010886
    - 71-010992
    - 71-011029
    - 71-011030

...CONTINUED...
Salmo gairdneri
  Insecticides
    71-011066
    71-011085
    71-011139
    71-011248
    71-011256
    71-011375
  Iodine
    71-003072
  IPN
    71-009413
    71-009418
    71-009427
    71-009449
    71-009450
  Iron
    71-010645
  Isoproterenol
    71-003382
  Karyotypes
    71-004828
    71-004842
  Lactate Dehydrogenase
    71-003263
    71-003264
    71-003868
    71-003950
    71-004537
    71-004645
  LAN
    71-002301
    71-002302
  Lead
    71-010901
    71-010904
    71-010905
    71-010906
    71-010907
    71-010951
  Life History/General
    71-005503
    71-005844
    71-011761
    71-013120
  Light
    71-000190
    71-002310
    71-002835
    71-003604
    71-004390
    71-004391
    71-004392
    71-005160
  Lipid Composition
    71-002955
    71-003772
    71-004170
    71-004534
  Lipid Metabolism
    71-002207
    71-002631
    71-002952
    71-002953
    71-003028
    71-003395
  Liver
    71-002473
    71-010851
  Liver Collection
    71-002962
  Locomotion
    71-002281
    71-004360
    71-005242
  Logging Residue
    71-010106
  Magnesium
    71-000835
  Malachite Green
    71-002996
  Management/Research--Lakes
    71-005503
    71-006912
    71-012257
    71-012471
    71-012885
  Management/Research--Ponds
    71-012223
    71-012392
    71-013008
    71-013033
  Management/Research--Reservoirs
    71-008341
    71-011761
    71-012433
    71-012454
    71-013065
    71-013120
  Management/Research--Rivers and Streams
    71-005844
    71-011761
    71-012429
    71-012927
    71-012950
  Manganese
    71-010520
    71-010645
    71-011044
  Marking/Tagging
    71-012363
  Maturation
    71-003970
    71-007362
  Meningitis
    71-009181
  Mercury
    71-010364

...CONTINUED...
Salmo gairdneri
  Mercury
    71-010645
    71-010865
    71-010867
    71-010874
    71-010940
    71-010941
    71-011141
    71-011196
    71-011203
    71-011249
    71-011474
  Meristic Studies
    71-002064
  Metabolic Rates
    71-003128
    71-003264
    71-003413
    71-003590
    71-003839
    71-004072
    71-004111
  Metabolism
    71-000669
    71-000726
    71-002835
    71-004089
    71-004328
    71-004503
  Methoprene
    71-011075
  Mine Effluents
    71-010111
    71-010415
    71-010853
    71-011044
  Mirex
    71-011029
    71-011030
  Molluscicides
    71-010699
  Mortality Factors
    71-000155
  Mortality Rates
    71-012885
  Movements
    71-005900
    71-005954
    71-006586
    71-006697
    71-006703
    71-006713
    71-006741
    71-010415
    71-012063
    71-012387
    71-012436
  MS-222
    71-002530
    71-010918
    71-011383
    71-011384
    71-011385
    71-011397
  Musculature
    71-003056
    71-003172
    71-003173
    71-004327
    71-007662
  Myxosoma cerebralis
    71-009270
    71-009292
    71-009299
    71-009373
    71-009378
  Nasal Organs
    71-002024
  Nematodes
    71-009590
    71-009905
  Nephrocalcinosis
    71-009651
    71-009674
    71-009927
  Nervous System
    71-002000
    71-002611
    71-002632
    71-002981
    71-003905
    71-004201
  Net-Pen Culture
    71-005402
  Nickel
    71-010922
  Nitrite
    71-011519
  Nutrient Requirements
    71-000827
    71-000828
    71-000830
    71-000832
    71-000835
    71-000882
    71-000903
  Nutrition
    71-000681
    71-000762
    71-000826
    71-000829
    71-000834
    71-000835
    71-000840
    71-000844
    71-000904
  Nutritional Diseases
    71-009893

...CONTINUED...
Salmo gairdneri
  Nutritional Diseases
    71-009930
  Oil
    71-011121
  Oil Dispersants
    71-011121
  Oil Shale Effluents
    71-010111
    71-010566
    71-011032
  Olfaction
    71-002371
    71-002907
    71-002908
    71-002909
    71-002910
    71-003948
    71-005066
  One-Eye Disease
    71-009711
  Organ Weights
    71-002570
  Organochlorines
    71-011029
  Organophosphates
    71-010650
  Orientation/Homing
    71-005066
    71-005369
    71-005370
    71-006233
    71-006234
  Osmoregulation
    71-002202
    71-002203
    71-002268
    71-002272
    71-002316
    71-002567
    71-002624
    71-002656
    71-002734
    71-002815
    71-002816
    71-002954
    71-003013
    71-003047
    71-003121
    71-003122
    71-003123
    71-003138
    71-003209
    71-003212
    71-003231
    71-003372
    71-003529
    71-003549
    71-003552
    71-003553
    71-003604
    71-003680
    71-003753
    71-003754
    71-003756
    71-003798
    71-003941
    71-004009
    71-004010
    71-004047
  Otoliths
    71-003587
  Oxygen
    71-002354
    71-003263
    71-003264
    71-013030
  Ozone
    71-011520
  Pansteatitis
    71-009893
  Parasites/Diseases
    71-000202
    71-000888
    71-002302
    71-003230
    71-003355
    71-003426
    71-008934
    71-009010
    71-009042
    71-009043
    71-009044
    71-009045
    71-009055
    71-009056
    71-009062
    71-009076
    71-009077
    71-009078
    71-009079
    71-009091
    71-009093
    71-009105
    71-009125
    71-009132
    71-009143
    71-009149
    71-009155
    71-009159
    71-009168
    71-009181
    71-009187
    71-009188
    71-009217
    71-009225
    71-009270
    71-009285

...CONTINUED...
Salmo gairdneri
  Parasites/Diseases
    71-009286
    71-009287
    71-009292
    71-009299
    71-009324
    71-009364
    71-009373
    71-009378
    71-009379
    71-009380
    71-009389
    71-009392
    71-009395
    71-009406
    71-009407
    71-009410
    71-009411
    71-009413
    71-009418
    71-009419
    71-009423
    71-009424
    71-009427
    71-009442
    71-009449
    71-009450
    71-009456
    71-009485
    71-009522
    71-009550
    71-009590
    71-009616
    71-009629
    71-009647
    71-009651
    71-009674
    71-009694
    71-009711
    71-009739
    71-009830
    71-009831
    71-009833
    71-009837
    71-009891
    71-009893
    71-009905
    71-009927
    71-009930
    71-009973
    71-009977
    71-010001
    71-011029
  Parasitic Copepods
    71-009550
  Parr-Smolt Transformation
    71-004064
    71-006586
  PCN
    71-010783
  Pentachloroanisole
    71-010824
  Pentachlorophenol
    71-010824
  Permethrin
    71-010705
    71-010823
  pH
    71-002908
    71-003639
    71-004321
    71-010740
    71-010866
    71-011180
    71-011181
    71-011505
    71-011506
    71-011537
  Pharmacology
    71-003382
  Phenobarbital
    71-010783
  Phenols
    71-010561
    71-010746
    71-010803
    71-011446
  Phoma herbarum
    71-009225
  Phosphate Esters
    71-011182
    71-011373
  Phosphorus
    71-000830
    71-000834
  Photoperiodism
    71-004061
  Phthalate Acid Esters
    71-011132
  Picloram
    71-010803
  Pigmenters
    71-000774
    71-000989
  Pigments
    71-004238
  Pineal Body
    71-001846
    71-003164
    71-003535
  Piperonyl Butoxide
    71-011139
  Piscicides
    71-010601
    71-011377
    71-011587

...CONTINUED...
- Salmo gairdneri
  - Piscicides
    - 71-011590
    - 71-011604
  - Pollution Avoidance
    - 71-010413
    - 71-010415
  - Polychlorinated Biphenyls
    - 71-010602
    - 71-010773
    - 71-010783
    - 71-010808
    - 71-010843
    - 71-010845
    - 71-010846
    - 71-010851
    - 71-011029
    - 71-011030
    - 71-011138
    - 71-011375
    - 71-011376
  - Polyculture
    - 71-000412
  - Pomphorhynchus laevis
    - 71-009739
  - Pond Culture
    - 71-000155
    - 71-000189
    - 71-000205
    - 71-000216
    - 71-000241
    - 71-000268
    - 71-000629
    - 71-013008
  - Population Studies
    - 71-005503
    - 71-005900
    - 71-005920
    - 71-005954
    - 71-006105
    - 71-006129
    - 71-006154
  - Potassium
    - 71-003941
  - Power Plant Effluents
    - 71-010413
    - 71-010587
    - 71-010644
    - 71-011184
  - Predator/Prey Relationships
    - 71-006926
    - 71-007276
    - 71-007277
    - 71-007303
    - 71-013033
  - Production
    - 71-005920
    - 71-006129
    - 71-012927
  - Proliferative Kidney Disease
    - 71-009286
    - 71-009287
    - 71-009364
    - 71-009629
  - Propranolol
    - 71-003382
  - Propylene Glycol
    - 71-011076
  - Proteins
    - 71-003772
  - Protozoan Diseases
    - 71-009270
    - 71-009285
    - 71-009286
    - 71-009287
    - 71-009292
    - 71-009299
    - 71-009324
    - 71-009364
    - 71-009373
    - 71-009378
    - 71-009379
    - 71-009380
  - Pseudobranch
    - 71-001762
  - Pseudomonas fluorescens
    - 71-009181
  - Pulp Mill Effluents
    - 71-010254
    - 71-010810
    - 71-010828
    - 71-010836
    - 71-011128
    - 71-011130
    - 71-011281
    - 71-011498
    - 71-011532
  - Put-and-Take
    - 71-012403
    - 71-012427
    - 71-012454
    - 71-013065
  - Put-Grow-and-Take
    - 71-012449
    - 71-012454
    - 71-012471
  - Pyrethroids
    - 71-010705
  - Quinaldine
    - 71-011587
  - Radiation
    - 71-004131
    - 71-010768
  - Radionuclides
    - 71-011432
  - Rearing Capacity
    - 71-000214

...CONTINUED...
- Salmo gairdneri
  - Recirculating Systems
    - 71-000181
    - 71-000464
  - Reproduction
    - 71-001876
    - 71-002250
    - 71-002288
    - 71-002382
    - 71-002611
    - 71-002632
    - 71-002736
    - 71-003085
    - 71-003144
    - 71-003347
    - 71-003348
    - 71-003640
    - 71-003790
    - 71-003937
    - 71-004200
    - 71-004263
    - 71-004264
    - 71-004266
    - 71-004368
    - 71-004390
    - 71-004391
    - 71-004392
    - 71-004618
    - 71-004619
  - Reproductive System
    - 71-001992
    - 71-002251
    - 71-004151
    - 71-004265
  - Reservoir Release Effects
    - 71-012121
  - Respiration
    - 71-002152
    - 71-002203
    - 71-002354
    - 71-002623
    - 71-002628
    - 71-002927
    - 71-002928
    - 71-003056
    - 71-003058
    - 71-003259
  - Respiratory System
    - 71-002929
    - 71-003236
  - Rhabdovirus Disease
    - 71-009410
  - Rheotropism
    - 71-004996
    - 71-010756
  - RNA
    - 71-003082
  - Rotenone
    - 71-011377
  - Saccus Vasculosus
    - 71-003148
  - Salinity
    - 71-000770
    - 71-002202
    - 71-002203
    - 71-002249
    - 71-002624
    - 71-003182
    - 71-003209
    - 71-003212
    - 71-003447
    - 71-004010
    - 71-007627
  - SBS
    - 71-009149
  - Selective Breeding
    - 71-000153
    - 71-007520
  - Selenium
    - 71-010903
    - 71-010963
  - Sewage Effluents
    - 71-010424
    - 71-010562
  - Sex Determination
    - 71-004829
  - Sex Reversal
    - 71-003686
  - Silver
    - 71-010730
  - Skeletal System
    - 71-003587
  - Sodium Lauryl Sulfate
    - 71-010532
  - Sodium Pentachlorophenate
    - 71-010803
  - Spawning
    - 71-004390
    - 71-006258
    - 71-006346
    - 71-006551
  - Spawning Cycle Regulation
    - 71-000190
    - 71-000227
  - Sperm
    - 71-001556
    - 71-002300
  - Spinitectus gordoni
    - 71-009590
  - Spruce Budworm Nuclear Polyhedrosis Virus
    - 71-009456
  - Starvation
    - 71-002372
    - 71-002570
    - 71-002619
    - 71-003208

...CONTINUED...
- Salmo gairdneri
  - Starvation
    - 71-003209
    - 71-003210
    - 71-003447
  - Steroids
    - 71-000229
    - 71-002970
    - 71-003246
    - 71-004233
    - 71-004264
    - 71-004266
  - Stocking/Introductions
    - 71-005920
    - 71-006912
    - 71-012387
    - 71-012392
    - 71-012398
    - 71-012422
    - 71-012423
    - 71-012427
    - 71-012429
    - 71-012436
    - 71-012450
    - 71-012454
    - 71-012461
    - 71-012471
    - 71-012885
    - 71-013033
    - 71-013065
  - Stream Improvement/General
    - 71-012115
  - Streptococcus
    - 71-009055
    - 71-009056
  - Stress
    - 71-000271
    - 71-002149
    - 71-002150
    - 71-002303
    - 71-002372
    - 71-002394
    - 71-002503
    - 71-002608
    - 71-002996
    - 71-003481
    - 71-004370
    - 71-011377
  - Summerkill
    - 71-000155
    - 71-013008
  - Supplemental Stocking
    - 71-012429
  - Surfactants
    - 71-011068
  - Survival
    - 71-012471
  - Swimming Performance
    - 71-004210
    - 71-004327
    - 71-004832
    - 71-005242
    - 71-005396
    - 71-005402
    - 71-005440
    - 71-011506
  - Tailwaters
    - 71-012121
  - Taste and Odor Problems
    - 71-010135
    - 71-013338
  - TBTO
    - 71-010699
  - TCDD
    - 71-010872
  - Techniques/Blood Chemistry
    - 71-002618
  - Techniques/Hormones
    - 71-002618
  - Telemetry
    - 71-012335
  - Temperature
    - 71-000693
    - 71-000802
    - 71-000841
    - 71-000947
    - 71-002152
    - 71-002268
    - 71-002310
    - 71-002465
    - 71-002571
    - 71-002680
    - 71-002952
    - 71-002954
    - 71-002955
    - 71-002981
    - 71-003046
    - 71-003182
    - 71-003192
    - 71-003219
    - 71-003243
    - 71-003389
    - 71-003396
    - 71-003529
    - 71-003590
    - 71-003604
    - 71-003770
    - 71-003905
    - 71-003949
    - 71-004047
    - 71-004101
    - 71-004238
    - 71-004365
    - 71-004427
    - 71-005059
    - 71-005160
    - 71-005239
    - 71-005388

...CONTINUED...
- Salmo gairdneri
  - Temperature
    - 71-005396
    - 71-005440
    - 71-006346
    - 71-006649
    - 71-007505
    - 71-008352
    - 71-008355
    - 71-009423
    - 71-010768
  - Temperature Selection
    - 71-005160
    - 71-005203
    - 71-005388
  - TFM
    - 71-010601
    - 71-011587
    - 71-011604
  - Thermal Pollution
    - 71-005388
    - 71-006697
  - Thermal Regulation
    - 71-002184
    - 71-003061
    - 71-004101
  - Thermal Shock
    - 71-002212
  - Thiophanate-methyl
    - 71-010681
  - Tissue Sampling
    - 71-002486
  - Trichlorobenzene
    - 71-011137
  - Triploid Fish
    - 71-004827
  - Tritium
    - 71-011432
  - Trophic Relationships
    - 71-008341
  - Truttaedacnites truttae
    - 71-009905
  - Trypanoplasma salmositica
    - 71-009379
  - Two-Story Fisheries
    - 71-013049
    - 71-013120
  - Ultimobranchial Gland
    - 71-003033
  - Vanadium
    - 71-011307
  - Variation Studies
    - 71-004541
    - 71-004674
  - Vertical Raceways
    - 71-000235
  - Vibert Boxes
    - 71-000222
    - 71-000258
  - Vibrio
    - 71-009125
  - Vibrio anguillarum
    - 71-009042
    - 71-009062
    - 71-009076
    - 71-009077
    - 71-009078
    - 71-009079
    - 71-009217
  - Vibriosis
    - 71-009076
    - 71-009078
    - 71-009217
  - Viral Diseases
    - 71-009389
    - 71-009392
    - 71-009395
    - 71-009406
    - 71-009407
    - 71-009410
    - 71-009411
    - 71-009413
    - 71-009418
    - 71-009419
    - 71-009423
    - 71-009424
    - 71-009427
    - 71-009442
    - 71-009449
    - 71-009450
    - 71-009456
  - Viral Hemorrhagic Septicemia
    - 71-009392
    - 71-009407
    - 71-009419
    - 71-009442
  - Vision
    - 71-001847
    - 71-001899
    - 71-002139
    - 71-005302
  - Vitamins
    - 71-000681
    - 71-000762
    - 71-000768
    - 71-003183
    - 71-003384
    - 71-003385
  - Vitellogenin
    - 71-002380
    - 71-002383
    - 71-003085
    - 71-003347
    - 71-004262
  - Whirling Disease
    - 71-009270
    - 71-009292

...CONTINUED...

- Salmo gairdneri
  - Whirling Disease
    - 71-009299
    - 71-009373
    - 71-009378
  - Xenobiotic Biotransformations
    - 71-011227
  - Xenobiotics
    - 71-011422
  - Xylene
    - 71-011508
  - Year Class Strength
    - 71-008425
  - Yersinia ruckeri
    - 71-009044
  - Zinc
    - 71-000832
    - 71-010639
    - 71-010645
    - 71-010692
    - 71-010694
    - 71-010799
    - 71-010902
    - 71-010912
    - 71-010921
    - 71-011126
    - 71-011516
    - 71-011517
    - 71-011518
  - 1,2,4-TCB
    - 71-011135
  - 2-amino-4-phenylthiazole
    - 71-011442
  - 2,4-D
    - 71-010135
    - 71-010756
  - 3-MC
    - 71-010783
- Salmo gairdneri aquilarum
  - Electrophoresis
    - 71-004556
  - Karyotypes
    - 71-004556
  - Meristic Studies
    - 71-004556
- Salmo gairdneri irideus
  - Blood
    - 71-002082
- Salmo gairdneri X Oncorhynchus kisutch
  - Parasites/Diseases
    - 71-009442
  - Viral Diseases
    - 71-009442
  - Viral Hemorrhagic Septicemia
    - 71-009442
- Salmo gairdneri X S. aguabonita
  - Hybridization
    - 71-004624
- Salmo gilae
  - Karyotypes
    - 71-004539
  - Spawning
    - 71-006473
    - 71-006474
  - Status
    - 71-005493
- Salmo irideus
  - Biochemical Composition
    - 71-003778
  - Culture/Propagation
    - 71-000156
  - Embryology
    - 71-002304
  - Endocrinology
    - 71-002723
    - 71-004257
  - Hormones
    - 71-002723
  - Morphology
    - 71-000156
  - Regeneration
    - 71-004441
  - Reproductive System
    - 71-004441
  - Selective Breeding
    - 71-000156
- Salmo ischchan
  - Lipid Composition
    - 71-003664
- Salmo mykiss
  - Blood Chemistry
    - 71-002181
  - Embryology
    - 71-006453
  - Karyotypes
    - 71-004842
  - Life History/General
    - 71-005725
  - Management/Research--Rivers and Streams
    - 71-005725
  - Morphology
    - 71-001396
  - Population Studies
    - 71-004775
  - Reproduction
    - 71-006454
  - Spawning
    - 71-006453
    - 71-006454
    - 71-006490
  - Variation Studies
    - 71-001396
    - 71-004775
- Salmo salar
  - Abundance/Factors of
    - 71-005819
    - 71-005966
    - 71-008315
  - Aeromonas salmonicida
    - 71-009071

...CONTINUED...

- Salmo salar
  - Aeromonas salmonicida
    - 71-009214
  - Age/Growth
    - 71-004830
    - 71-005708
    - 71-005955
    - 71-007361
    - 71-007418
    - 71-007460
    - 71-007472
    - 71-007626
    - 71-012400
    - 71-012443
  - Aggressive Behavior
    - 71-005021
  - Aldrin
    - 71-010544
  - Ammonia
    - 71-010558
  - Anisakis simplex
    - 71-009509
    - 71-009873
  - ATP
    - 71-003953
  - Auditory Senses
    - 71-005069
    - 71-012317
  - Bacterial Diseases
    - 71-009071
    - 71-009073
    - 71-009111
    - 71-009149
    - 71-009173
    - 71-009191
    - 71-009192
    - 71-009214
  - Bacterial Kidney Disease
    - 71-009173
  - Behavior/Fry
    - 71-004972
  - Biological Tags
    - 71-008952
    - 71-012324
  - Blood Chemistry
    - 71-002135
    - 71-002136
    - 71-002292
    - 71-002912
    - 71-003279
    - 71-004022
  - Cadmium
    - 71-010830
  - Carbon Dioxide
    - 71-002292
  - Catch-and-Release
    - 71-012253
  - Cestodes
    - 71-009735
  - Cobalt
    - 71-010431
  - Competition
    - 71-007174
  - Costia necatrix
    - 71-009282
  - Costiasis
    - 71-009282
  - Culture/Propagation
    - 71-000152
    - 71-000174
    - 71-000175
    - 71-000176
    - 71-000185
    - 71-000204
    - 71-000221
    - 71-000242
    - 71-000244
    - 71-000247
    - 71-000269
    - 71-000804
    - 71-000930
    - 71-000931
    - 71-002875
    - 71-004072
    - 71-005402
    - 71-007460
  - Cyanide
    - 71-011033
  - DDT
    - 71-010544
    - 71-011199
  - Decamethrin
    - 71-011569
  - Dimilin-G1
    - 71-010831
  - Distribution/Factors of
    - 71-008023
  - Distribution/Geographical
    - 71-008023
  - Dwarfism
    - 71-005485
  - Egg Stocking
    - 71-012400
  - Electrophoresis
    - 71-004580
    - 71-004581
  - Embryology
    - 71-002839
    - 71-002892
    - 71-002893
    - 71-002894
    - 71-002895
    - 71-003343
    - 71-003785
  - Endocrinology
    - 71-001527
    - 71-001730

...CONTINUED...

- Salmo salar
  - Endocrinology
    - 71-002490
    - 71-002491
    - 71-002634
    - 71-002752
    - 71-003284
    - 71-003285
    - 71-003640
  - Enteric Redmouth Disease
    - 71-009071
  - Enzymes
    - 71-003509
  - Eubothrium crassum
    - 71-009735
  - Exophiala salmonis
    - 71-009235
  - Feeders
    - 71-000804
  - Feeding Experiments
    - 71-000790
    - 71-000931
    - 71-004072
  - Feeds
    - 71-000930
    - 71-000931
  - Fenitrothion
    - 71-011561
  - Flow Regimes
    - 71-005021
  - Foods/Feeding
    - 71-000931
    - 71-006767
    - 71-007145
    - 71-007174
    - 71-007202
    - 71-007242
    - 71-007247
    - 71-007322
  - Foods/Feeding/Selectivity
    - 71-007323
  - Fry Stocking
    - 71-012400
  - Fungal Diseases
    - 71-009235
  - Genetic Strains
    - 71-004538
  - Genetics
    - 71-004615
  - Gill Hyperplasia
    - 71-009717
  - Growth Stimulants
    - 71-003285
  - Gyrodactylus salaris
    - 71-009718
  - Habitat Selection
    - 71-005021
    - 71-005405
    - 71-005407
    - 71-007322
  - Harvest
    - 71-012139
  - Healing
    - 71-008350
  - Heavy Metals
    - 71-010431
    - 71-010531
    - 71-010830
    - 71-011242
    - 71-011271
    - 71-011562
  - Herbicides
    - 71-011242
  - Hooking Mortality
    - 71-011765
    - 71-011766
    - 71-011767
    - 71-012279
  - Hybridization
    - 71-004803
  - Hydrocarbons
    - 71-011563
  - Ichtyobodo necator
    - 71-009282
  - Immune Response
    - 71-002222
  - Incubation
    - 71-002875
  - Injuries
    - 71-008350
  - Insect Juvenile Hormone Analogues
    - 71-010831
  - Insecticides
    - 71-010544
    - 71-010708
    - 71-010743
    - 71-011199
    - 71-011561
    - 71-011564
    - 71-011569
  - Integument
    - 71-002059
  - Internal Tags
    - 71-012350
  - IPN
    - 71-009463
  - Karyotypes
    - 71-004866
    - 71-005890
  - Lake Culture
    - 71-000247
  - Lead
    - 71-011271
  - Leaping Behavior
    - 71-005406
  - Length Frequencies
    - 71-000269
  - Life History/General
    - 71-005485

...CONTINUED...

- Salmo salar
  - Life History/General
    - 71-005708
    - 71-005819
  - Light
    - 71-002895
  - Lipid Composition
    - 71-002274
  - Lymphosarcomas
    - 71-009890
  - Management/Research--General
    - 71-011624
    - 71-011733
    - 71-011846
    - 71-011847
  - Management/Research--Lakes
    - 71-012443
    - 71-012845
  - Management/Research--Marine
    - 71-012139
  - Management/Research--Ponds
    - 71-013043
  - Management/Research--Rivers and St
    - 71-005909
    - 71-006026
    - 71-011654
    - 71-012930
    - 71-012936
  - Manganese
    - 71-010531
  - Marking/Tagging
    - 71-008952
  - Maturation
    - 71-002490
    - 71-002491
    - 71-002778
    - 71-003610
    - 71-003954
    - 71-006532
    - 71-007361
  - Metabolic Rates
    - 71-002892
    - 71-004072
  - Methoxychlor
    - 71-010743
  - Monosex Culture
    - 71-000975
  - Mortality Factors
    - 71-008340
    - 71-008350
  - Mortality Rates
    - 71-005955
    - 71-008315
    - 71-008340
  - Movements
    - 71-006565
    - 71-006580
    - 71-006615
    - 71-006616
    - 71-006646
    - 71-006655
    - 71-006659
    - 71-006661
    - 71-006672
    - 71-006698
    - 71-006701
    - 71-006725
    - 71-006734
    - 71-012706
  - Naled
    - 71-010743
  - Nematodes
    - 71-009509
    - 71-009873
  - Nervous System
    - 71-002000
    - 71-002632
    - 71-004201
  - Net-Pen Culture
    - 71-000174
    - 71-005402
  - Nutrient Requirements
    - 71-000790
  - Oil
    - 71-010586
  - Oil Dispersants
    - 71-010586
  - Organochlorines
    - 71-011564
  - Orientation/Homing
    - 71-005095
    - 71-006436
    - 71-006466
    - 71-006646
  - Osmoregulation
    - 71-002672
    - 71-003509
    - 71-003953
  - Oxygen
    - 71-002130
    - 71-002892
    - 71-002893
    - 71-002894
  - Parasites/Diseases
    - 71-008952
    - 71-009071
    - 71-009073
    - 71-009111
    - 71-009149
    - 71-009173
    - 71-009191
    - 71-009192
    - 71-009214
    - 71-009235
    - 71-009282
    - 71-009414
    - 71-009463
    - 71-009509

.CONTINUED...
lmo salar
Parasites/Diseases
71-009568
71-009569
71-009717
71-009718
71-009735
71-009801
71-009873
71-009890
71-012324
Parr-Smolt Transformation
71-000244
71-002491
71-002672
71-003284
71-003285
71-003952
71-003953
71-004830
Pasteurella
71-009111
Permethrin
71-011569
Pesticides
71-011242
pH
71-002532
71-010686
71-010736
71-010737
71-010740
71-010952
71-011241
Phenols
71-011570
Pheromones
71-006436
Photoperiodism
71-003284
Polybrominated Biphenyls
71-011566
Polychlorinated Biphenyls
71-011564
Population Studies
71-005708
71-005903
71-005904
71-005909
71-005914
71-005955
71-005962
71-005966
71-006013
71-006026
71-006027
71-006135
71-006139
71-006150
71-012400
71-013043
Production
71-005955
71-005962
71-006027
71-006135
Propoxur
71-010708
Protozoan Diseases
71-009282
Pyrethroids
71-011568
71-011569
Recruitment
71-008315
Reproduction
71-002632
71-003640
71-006284
Reproductive System
71-003343
Restoration of Anadromous Runs
71-000152
71-012914
71-012936
71-012945
71-012955
71-012963
Rheotropism
71-005407
Saddleback Disease
71-009073
SBS
71-009149
Scales
71-004687
Selective Breeding
71-000242
71-000244
Social Behavior
71-005405
Spawning
71-006284
71-006443
71-006459
Spawning Migration
71-006307
71-006379
71-006436
71-006466
71-006527
71-006661
Specific Gravity
71-001875
Stocking/Introductions
71-006013
71-012400
71-012443

...CONTINUED...
Salmo salar
Stocking/Introductions
71-012936
Summerkill
71-010513
Survival
71-012443
Swimming Performance
71-005215
71-005402
Telemetry
71-012317
71-012319
71-012335
71-012345
Temperature
71-002875
71-002893
71-002894
71-003785
71-005021
71-005282
71-007626
Temperature Selection
71-005282
71-011199
71-011242
Trematodes
71-009718
Trophic Relationships
71-005407
Tumors
71-009414
71-009568
71-009569
71-009801
71-009890
Variation Studies
71-004573
71-004580
71-004687
71-004762
71-004867
Vibrio anguillarum
71-009191
71-009192
Vibriosis
71-009191
Viral Diseases
71-009414
71-009463
Vision
71-001375
71-002185
Vitellogenin
71-003087
Zinc
71-010531
71-011562
Salmo trutta
Abundance/Factors of
71-004917
71-005910
71-008300
71-008331
Acanthocephala
71-009739
Acid Precipitation
71-010326
Activity Patterns
71-004884
Aeromonas salmonicida
71-009080
71-009086
Age/Growth
71-000730
71-000731
71-005775
71-005899
71-005910
71-005941
71-005955
71-005998
71-006051
71-007332
71-007423
71-007438
71-007460
71-007502
71-007505
71-007539
71-007649
71-010942
71-012249
Aggressive Behavior
71-005254
Anemia
71-009628
Anesthetics
71-010735
Bacterial Diseases
71-000202
71-009080
71-009086
71-009111
71-009126
71-009159
Bacterial Kidney Disease
71-009159
Bayer 73
71-010601
Benzocaine
71-010735
Biochemical Composition
71-002640
Bird Predation
71-007330
Blood Chemistry
71-002135

...CONTINUED...
Salmo trutta
Blood Chemistry
71-002492
Cadmium
71-010645
71-010766
Cardio-Vascular System
71-003839
Carotenoids
71-002499
Catecholamines
71-010618
Cesium
71-010197
71-010891
Cestodes
71-009625
71-009689
71-009735
71-010001
Channelization
71-012016
Chemical Reclamation
71-012285
71-013033
Chloromyxum truttae
71-009290
Clearing and Snagging
71-012014
Cobalt
71-010431
Competition
71-004916
71-006998
71-007174
71-007411
71-008358
Copper
71-010476
71-010645
71-011124
Creel Census
71-012223
Cresols
71-010870
Culture/Propagation
71-000172
71-000202
71-000204
71-000250
71-000888
71-000889
71-000943
71-007460
Cutrine
71-011369
Dams
71-008300
Detergents
71-010532
71-010533
71-010618
Digestive System
71-004546
Diphyllobothrium
71-009689
71-010001
Diquat
71-011369
Distribution/Factors of
71-007973
Distribution/Geographical
71-007843
Distribution/Seasonal
71-006081
71-006649
Early Development
71-004336
71-004337
Ecology
71-005519
Edema
71-009628
Egg Drift
71-006256
Egg Stocking
71-012409
Egg Survival
71-008406
Eggs
71-002502
Electrophoresis
71-004522
Endocrinology
71-002492
71-003673
71-003675
71-003676
Enzymes
71-003647
Epidermis
71-003811
Ergasilus
71-009550
Eubothrium crassum
71-009625
71-009735
Eustrongylides
71-009738
Fecundity
71-006536
Feeding Experiments
71-000730
71-000731
71-000888
71-000943
71-002640
Feeds
71-000888

...CONTINUED...
Salmo trutta
Feeds
71-000889
Fish as Food
71-013348
Flow Regimes
71-006843
Fluoride
71-011542
Foods/Feeding
71-005775
71-005899
71-006754
71-006813
71-006843
71-006901
71-006998
71-007147
71-007160
71-007174
71-007175
71-007226
71-007332
71-007342
71-007505
Foods/Feeding/Selectivity
71-006897
71-007008
71-007203
71-007204
Fungal Diseases
71-009234
71-009236
Furunculosis
71-000202
71-009080
71-009086
GD-174
71-011590
Genetic Strains
71-000250
Genetics
71-004773
Genomes
71-004782
Geothermal Effects
71-006346
71-007505
Habitat Selection
71-004916
71-004917
71-004969
71-005356
71-008331
Handling Mortality
71-000202
Heavy Metals
71-010431
71-010476
71-010531
71-010645
71-010766
71-011124
Herbicides
71-010871
71-011369
Hooking Mortality
71-011673
Hybridization
71-004597
71-004803
Immune Response
71-003108
71-003109
71-003110
71-003111
71-003667
71-009126
Impoundment
71-006843
Inbreeding
71-000172
Insecticides
71-013348
Integument
71-003810
Iron
71-010645
Life History/General
71-005519
71-005775
71-005844
71-006004
71-006017
Light
71-004884
Lipid Composition
71-003664
Locomotion
71-005296
Malate Dehydrogenase
71-004707
Management/Research--Lakes
71-005998
Management/Research--Ponds
71-012223
71-013033
Management/Research--Rivers and Streams
71-005844
71-006026
71-012014
71-012285
Manganese
71-010531
71-010645
Marking/Tagging
71-012309
Maturation
71-006536

...CONTINUED...

- Salmo trutta
  - MCPA
    - 71-010870
    - 71-010871
  - Mercury
    - 71-010645
  - Metabolic Rates
    - 71-002638
    - 71-002639
    - 71-002858
    - 71-003838
    - 71-003839
  - Mine Effluents
    - 71-010415
  - Mortality Factors
    - 71-008406
    - 71-012014
  - Mortality Rates
    - 71-005940
    - 71-005955
    - 71-006051
    - 71-012014
  - Movements
    - 71-005998
    - 71-006081
    - 71-006712
    - 71-006726
    - 71-006733
    - 71-010415
  - Movements Pollution
    - 71-006697
  - Musculature
    - 71-005296
  - Myxidium truttae
    - 71-009290
  - Nematodes
    - 71-009590
    - 71-009738
  - Orientation/Homing
    - 71-005368
    - 71-006436
    - 71-006548
  - Osmoregulation
    - 71-003526
    - 71-003673
    - 71-003674
    - 71-003675
    - 71-003676
  - Otoliths
    - 71-007502
  - Parasites/Diseases
    - 71-000202
    - 71-000888
    - 71-003110
    - 71-008973
    - 71-009080
    - 71-009086
    - 71-009111
    - 71-009126
    - 71-009159
    - 71-009234
    - 71-009236
    - 71-009290
    - 71-009409
    - 71-009410
    - 71-009550
    - 71-009590
    - 71-009625
    - 71-009628
    - 71-009689
    - 71-009735
    - 71-009738
    - 71-009739
    - 71-009892
    - 71-010001
  - Parasitic Copepods
    - 71-009550
  - Pasteurella
    - 71-009111
  - pH
    - 71-003526
    - 71-010326
    - 71-010686
    - 71-010942
    - 71-010952
  - Pheromones
    - 71-006436
  - Piscicides
    - 71-010601
    - 71-010676
    - 71-011590
  - Pollution Avoidance
    - 71-010415
  - Pomphorhynchus laevis
    - 71-009739
  - Population Studies
    - 71-004917
    - 71-005775
    - 71-005899
    - 71-005921
    - 71-005940
    - 71-005941
    - 71-005955
    - 71-005998
    - 71-006004
    - 71-006005
    - 71-006017
    - 71-006026
    - 71-006045
    - 71-006046
    - 71-006051
    - 71-006072
    - 71-006081
    - 71-006154
    - 71-010054
  - Predator/Prey Relationships
    - 71-006756
    - 71-006901

...CONTINUED...

- Salmo trutta
  - Predator/Prey Relationships
    - 71-013033
  - Production
    - 71-005910
    - 71-005940
    - 71-005941
    - 71-005955
    - 71-006046
    - 71-006051
  - Protozoan Diseases
    - 71-009290
  - Pulp Mill Effluents
    - 71-010623
  - Radioactive Wastes
    - 71-010197
  - Radionuclides
    - 71-010197
  - Recruitment
    - 71-006045
  - Regulations
    - 71-012249
  - Reproduction
    - 71-002492
  - Reservoir Release Effects
    - 71-008300
  - Rhabdovirus Disease
    - 71-009409
    - 71-009410
  - Salinity
    - 71-003673
  - Saprolegnia
    - 71-009234
    - 71-009236
  - Selenium
    - 71-010963
  - Sexual dimorphism
    - 71-003810
  - Size Limits
    - 71-012249
  - Sodium Lauryl Sulfate
    - 71-010532
  - Spawning
    - 71-006217
    - 71-006346
    - 71-006472
  - Spawning Migration
    - 71-006436
    - 71-006548
  - Spinitectus gordoni
    - 71-009590
  - Stocking/Introductions
    - 71-012409
    - 71-012423
    - 71-013033
  - Stream Improvement/General
    - 71-012115
  - Swimming Performance
    - 71-002858
    - 71-005073
    - 71-005296
  - Temperature
    - 71-002640
    - 71-002858
    - 71-004101
    - 71-006346
    - 71-006649
    - 71-007438
    - 71-007505
    - 71-008406
  - Temperature Selection
    - 71-005323
  - Territorial Behavior
    - 71-004917
  - TFM
    - 71-010601
    - 71-010676
  - Thermal Pollution
    - 71-006697
  - Thermal Regulation
    - 71-004101
  - Thermal Shock
    - 71-010676
  - Treatment Plant Effluents
    - 71-010054
  - Trophic Relationships
    - 71-006813
  - Ulcerative Dermal Necrosis
    - 71-009892
  - Variation Studies
    - 71-004522
    - 71-004541
    - 71-004598
    - 71-004863
    - 71-004864
  - Viral Diseases
    - 71-009409
    - 71-009410
  - Vitamins
    - 71-003810
  - Zinc
    - 71-010531
    - 71-010645
- Salmo trutta caspius
  - Culture/Propagation
    - 71-000217
- Salmo trutta fario
  - Embryology
    - 71-001573
    - 71-002305
  - Karyotypes
    - 71-004661
  - Mouth Parts
    - 71-001551
- Salmo trutta labrax
  - Blood Chemistry
    - 71-003999
- Salmo trutta trutta
  - Vision
    - 71-001375
- Salmo trutta X Salvelinus fontinalis
  - Distribution/Geographical
    - 71-007686
- Salmonidae
  - Abundance/Factors of
    - 71-008401
    - 71-012918
    - 71-012977
    - 71-013431
  - Acid Mine Water
    - 71-010372
  - Aeration
    - 71-012852
  - Aeromonas
    - 71-009152
  - Bacterial Diseases
    - 71-009064
    - 71-009065
    - 71-009072
    - 71-009089
    - 71-009152
    - 71-009184
  - Bacterial Gill Disease
    - 71-009089
  - Benthos
    - 71-000275
  - Bioassay Techniques
    - 71-011129
  - Blood Chemistry
    - 71-002395
    - 71-003074
    - 71-003522
    - 71-003551
  - Branding
    - 71-012312
    - 71-012322
    - 71-012325
  - Brood Stock
    - 71-004617
  - Cage Culture
    - 71-000643
  - Carotenoids
    - 71-002501
    - 71-003496
  - Cataracts
    - 71-009874
  - Catch and Release
    - 71-012280
  - Catch-and-Release
    - 71-012239
    - 71-012260
    - 71-012265
    - 71-012278
  - Ceratomyxa shasta
    - 71-009305
  - Channelization
    - 71-011896
    - 71-012111
  - Chemical Reclamation
    - 71-011864
  - Chemoreception
    - 71-003478
  - Chloramine-T
    - 71-009089
  - Chromosome Numbers
    - 71-004621
  - Clearcutting
    - 71-011944
    - 71-012069
    - 71-012106
  - Creel Census
    - 71-012155
  - Culture/Propagation
    - 71-000161
    - 71-000162
    - 71-000166
    - 71-000168
    - 71-000180
    - 71-000182
    - 71-000184
    - 71-000206
    - 71-000208
    - 71-000209
    - 71-000219
    - 71-000220
    - 71-000232
    - 71-000240
    - 71-000251
    - 71-000255
    - 71-000262
    - 71-000270
    - 71-000272
    - 71-000273
    - 71-000274
    - 71-000275
    - 71-000278
    - 71-000471
    - 71-000581
    - 71-000643
    - 71-000687
    - 71-000764
    - 71-000843
    - 71-000845
    - 71-000977
    - 71-000999
    - 71-004569
    - 71-004617
    - 71-004667
  - Culverts
    - 71-012678
    - 71-012679
  - Cystidicola cristivomeri
    - 71-009757
  - Cystidicola farionis
    - 71-009757
  - Dams
    - 71-012695

...CONTINUED...

- Salmonidae
  - Diets
    - 71-000764
    - 71-000845
  - Distribution/Geographical
    - 71-008065
  - Economic Values
    - 71-012125
    - 71-012147
    - 71-012838
  - Egg Collection
    - 71-013406
  - Egg Sorting
    - 71-000272
    - 71-000999
  - Eggs
    - 71-001921
  - Electrophoresis
    - 71-004639
  - Endocrinology
    - 71-003702
    - 71-003827
  - Enteric Redmouth Disease
    - 71-009064
  - Enzymes
    - 71-000845
  - Escapement
    - 71-012748
  - Eutrophication
    - 71-008312
  - Evolution
    - 71-003001
  - Feeding Experiments
    - 71-000687
  - Feeds
    - 71-000843
    - 71-000924
  - Fertilization
    - 71-000161
  - Fin Clipping
    - 71-012322
  - Fish Counters
    - 71-012748
  - Fish Passage
    - 71-012678
    - 71-012679
    - 71-012695
  - Fisherman Surveys
    - 71-012913
  - Flow Regimes
    - 71-011885
    - 71-011887
    - 71-012969
  - Foods/Feeding
    - 71-007009
    - 71-007010
  - Forestry Practices
    - 71-011922
    - 71-011944
    - 71-011947
    - 71-012046
    - 71-012069
    - 71-012074
    - 71-012106
    - 71-012113
  - Fungal Diseases
    - 71-009227
    - 71-009239
  - Gamete Storage
    - 71-000090
    - 71-000166
    - 71-000278
  - Gas Bubble Disease
    - 71-009979
  - Genetic Strains
    - 71-004617
  - Gill Diseases
    - 71-009089
  - Gravel Cleaning
    - 71-012009
  - Grazing
    - 71-011861
    - 71-011896
    - 71-012049
    - 71-012050
    - 71-012066
    - 71-012080
  - Habitat Alterations
    - 71-011944
    - 71-012969
  - Habitat Rating Systems
    - 71-012918
    - 71-012919
  - Hagerman Redmouth Disease
    - 71-009072
  - Hatchery Design
    - 71-000274
  - Heavy Metals
    - 71-011865
  - Helminths
    - 71-009729
  - Hexachlorobenzene
    - 71-010322
  - Holding Tanks
    - 71-000977
  - Hormones
    - 71-002990
  - Hybridization
    - 71-000162
    - 71-004569
    - 71-004639
    - 71-004814
  - Ichtyobodo necator
    - 71-009360
  - Immunization
    - 71-008927
    - 71-008932
  - Incubators
    - 71-000273

.CONTINUED...
- lmonidae
  - IPN
    - 71-009403
    - 71-009422
    - 71-009425
  - Jurisdiction
    - 71-011639
    - 71-012236
    - 71-012270
    - 71-012271
    - 71-013297
  - Land Use Practices
    - 71-012106
  - Lepeophtheirus salmonis
    - 71-009526
  - Life History/General
    - 71-005679
  - Light
    - 71-003827
  - Management/Research--General
    - 71-011639
    - 71-011657
    - 71-011705
    - 71-011762
  - Management/Research--Lakes
    - 71-012838
    - 71-012852
    - 71-012865
  - Management/Research--Marine
    - 71-013297
  - Management/Research--Ponds
    - 71-012865
  - Management/Research--Reservoirs
    - 71-012280
  - Management/Research--Rivers and Streams
    - 71-008401
    - 71-011864
    - 71-011970
    - 71-012913
    - 71-012918
    - 71-012919
    - 71-012926
    - 71-012944
    - 71-012958
    - 71-012969
    - 71-012994
  - Mariculture
    - 71-000209
  - Marking/Tagging
    - 71-012322
    - 71-012325
  - Metabolism
    - 71-002683
    - 71-003749
  - Monosex Culture
    - 71-000206
    - 71-000208
  - Mortality Factors
    - 71-000182
  - Myxosoma cerebralis
    - 71-009289
    - 71-009293
    - 71-009356
    - 71-009357
    - 71-009376
  - Myxosporida
    - 71-009305
  - Nematodes
    - 71-009757
  - Net-Pen Culture
    - 71-000581
  - Nets/Netting
    - 71-012615
  - Nitrate
    - 71-010987
  - Nutrition
    - 71-000687
    - 71-000845
    - 71-000865
  - Nutritional Diseases
    - 71-009874
  - Olfaction
    - 71-002078
    - 71-002655
  - Osmoregulation
    - 71-002725
  - Oxygen
    - 71-003272
    - 71-012113
  - Ozone
    - 71-000168
  - Parasites/Diseases
    - 71-000183
    - 71-000270
    - 71-008927
    - 71-008932
    - 71-008958
    - 71-008975
    - 71-008985
    - 71-008997
    - 71-009035
    - 71-009064
    - 71-009065
    - 71-009072
    - 71-009089
    - 71-009152
    - 71-009184
    - 71-009227
    - 71-009239
    - 71-009289
    - 71-009293
    - 71-009305
    - 71-009356
    - 71-009357
    - 71-009360
    - 71-009376
    - 71-009390

...CONTINUED...
- Salmonidae
  - Parasites/Diseases
    - 71-009403
    - 71-009412
    - 71-009422
    - 71-009425
    - 71-009435
    - 71-009454
    - 71-009526
    - 71-009539
    - 71-009729
    - 71-009757
    - 71-009874
    - 71-009911
    - 71-009979
  - Parr-Smolt Transformation
    - 71-002725
    - 71-003001
  - pH
    - 71-011865
  - Pigmenters
    - 71-000160
  - Plagioporus shawi
    - 71-009911
  - Pollution
    - 71-010196
  - Population Studies
    - 71-012913
  - Predator/Prey Relationships
    - 71-006808
    - 71-007009
    - 71-008391
  - Pressure Effects
    - 71-002395
  - Protozoan Diseases
    - 71-009289
    - 71-009293
    - 71-009305
    - 71-009356
    - 71-009357
    - 71-009360
    - 71-009376
  - Pulp Mill Effluents
    - 71-010732
    - 71-011115
  - Pumped Storage
    - 71-012043
  - Put-and-Take
    - 71-012419
    - 71-012424
    - 71-012754
  - Put-Grow-and-Take
    - 71-012865
  - Raceway Culture
    - 71-000275
  - Recirculating Systems
    - 71-000168
    - 71-000180
    - 71-000232
  - Regulations
    - 71-011705
    - 71-012255
    - 71-012270
    - 71-012280
  - Reservoir Release Effects
    - 71-012969
  - Riparian Habitat
    - 71-011896
    - 71-012049
    - 71-012050
    - 71-012066
    - 71-012080
    - 71-012926
  - Road Construction
    - 71-011865
    - 71-012113
  - Salinity
    - 71-000219
  - Salmon Lice
    - 71-009526
  - Saprolegnia
    - 71-009239
  - Saprolegnia diclina
    - 71-009227
  - Secondary Production
    - 71-000275
  - Sedimentation
    - 71-006566
    - 71-010012
    - 71-010371
  - Selective Breeding
    - 71-000134
    - 71-004617
    - 71-004667
  - Sex Determination
    - 71-004796
  - Sex Reversal
    - 71-000206
    - 71-000208
  - Size Limits
    - 71-012247
  - Sound Production
    - 71-005250
  - Spawning
    - 71-006538
    - 71-013431
  - Spawning Substrates
    - 71-012009
  - Stocking/Introductions
    - 71-012419
    - 71-012838
  - Stream Improvement/General
    - 71-011970
    - 71-012001
    - 71-012958
  - Stress
    - 71-000232

...CONTINUED...
- Salmonidae
  - Stress
    - 71-003522
  - Surgical Apparatus
    - 71-002822
  - Temperature
    - 71-002883
    - 71-012069
  - Terminology
    - 71-005471
  - Transportation
    - 71-012695
  - Trematodes
    - 71-009911
  - Trophic Relationships
    - 71-008391
  - Trout Stamps
    - 71-012958
  - Trout Stream Management
    - 71-011970
    - 71-012913
  - Ulcerative Dermal Necrosis
    - 71-009539
  - Variation Studies
    - 71-002883
  - Vertical Raceways
    - 71-000251
  - Vibrio anguillarum
    - 71-009184
  - Vibriosis
    - 71-009184
  - Viral Diseases
    - 71-009390
    - 71-009403
    - 71-009412
    - 71-009422
    - 71-009425
    - 71-009435
    - 71-009454
  - Water Quality
    - 71-000180
  - Whirling Disease
    - 71-009289
    - 71-009293
    - 71-009356
    - 71-009357
    - 71-009376
  - Yersinia ruckeri
    - 71-009064
- Salvelinus
  - Age/Growth
    - 71-004812
  - Benzene
    - 71-011157
  - Electrophoresis
    - 71-004708
    - 71-004861
  - Hybridization
    - 71-004812
  - Karyotypes
    - 71-004844
    - 71-004861
  - Life History/General
    - 71-005818
  - Oil
    - 71-011157
  - Salinity
    - 71-004812
  - Skeletal System
    - 71-002025
  - Speciation
    - 71-004844
  - Taxonomy
    - 71-005818
  - Temperature
    - 71-005281
  - Temperature Selection
    - 71-005281
- Salvelinus alpinus
  - Age/Growth
    - 71-005996
    - 71-007460
  - Age/Length Composition
    - 71-006748
  - Alimentary Tract
    - 71-002035
  - Blood Chemistry
    - 71-002181
  - Cestodes
    - 71-009688
    - 71-009689
    - 71-009735
    - 71-010001
  - Culture/Propagation
    - 71-007460
  - Culverts
    - 71-005444
  - Cystidicola cristivomeri
    - 71-005574
  - Diphyllobothrium
    - 71-009689
    - 71-010001
  - Diphyllobothrium dendriticum
    - 71-009688
  - Diphyllobothrium ditremum
    - 71-009688
  - Dwarfism
    - 71-005648
  - Ecology
    - 71-005648
  - Eubothrium salvelini
    - 71-009735
  - Foods/Feeding
    - 71-005574
    - 71-006670
    - 71-006748
  - Fungal Diseases
    - 71-009236

...CONTINUED...
- Salvelinus alpinus
  - Harvest
    - 71-012139
  - Heavy Metals
    - 71-010039
  - Helminths
    - 71-009814
  - Hypoxia
    - 71-003517
  - Karyotypes
    - 71-004841
  - Life History/General
    - 71-005484
    - 71-005683
    - 71-005811
    - 71-008769
  - Management/Research--General
    - 71-005484
  - Management/Research--Marine
    - 71-012139
  - Morphology
    - 71-008769
  - Mortality Rates
    - 71-005996
    - 71-006421
  - Movements
    - 71-005574
    - 71-005996
    - 71-006421
    - 71-006600
    - 71-006673
  - Mucous Secretion
    - 71-003812
  - Mucus
    - 71-004417
    - 71-004418
  - Nematodes
    - 71-005574
  - Olfaction
    - 71-002218
    - 71-002600
    - 71-004974
    - 71-005373
  - Orientation/Homing
    - 71-004974
    - 71-005373
    - 71-006436
    - 71-006670
  - Parasites/Diseases
    - 71-005574
    - 71-005648
    - 71-008922
    - 71-008971
    - 71-008972
    - 71-009236
    - 71-009508
    - 71-009688
    - 71-009689
    - 71-009735
    - 71-009814
    - 71-010001
  - Pheromones
    - 71-006436
  - Population Studies
    - 71-006001
  - Predator/Prey Relationships
    - 71-006670
  - Saprolegnia
    - 71-009236
  - Sewage Effluents
    - 71-010562
  - Skeletal System
    - 71-001772
    - 71-004711
    - 71-004712
  - Spawning Migration
    - 71-006421
    - 71-006436
  - Swimming Performance
    - 71-005444
  - Taxonomy
    - 71-002035
    - 71-005484
    - 71-005811
    - 71-008768
    - 71-008769
    - 71-008850
  - Variation Studies
    - 71-004572
    - 71-004711
    - 71-004712
- Salvelinus alpinus erythrinus
  - Age/Growth
    - 71-005798
  - Ecology
    - 71-004774
  - Foods/Feeding
    - 71-005798
  - Spawning
    - 71-005798
  - Taxonomy
    - 71-004774
  - Variation Studies
    - 71-004774
- Salvelinus alpinus krascheninnikovi
  - Foods/Feeding
    - 71-006952
- Salvelinus alpinus willughbii
  - Foods/Feeding
    - 71-006913
- Salvelinus confluentus
  - Distribution/Geographical
    - 71-007782
  - Life History/General
    - 71-005844
  - Management/Research--Rivers and Streams
    - 71-005844
  - Taxonomy
    - 71-007782

...CONTINUED...

- Salvelinus confluentus
  - Taxonomy
    - 71-008697
- Salvelinus fontinalis
  - Abnormalities
    - 71-001636
  - Abundance/Factors of
    - 71-006069
    - 71-008331
  - Acid Mine Water
    - 71-011445
  - Acids
    - 71-010575
  - Aeration
    - 71-011888
  - Aeromonas
    - 71-009198
  - Aeromonas salmonicida
    - 71-009080
    - 71-009197
  - Age/Growth
    - 71-005799
    - 71-007436
    - 71-012849
  - Aggressive Behavior
    - 71-005021
    - 71-005457
  - Alkalinity
    - 71-010687
  - Alkylhydroxamic Acid
    - 71-010726
  - Ammonium Chloride
    - 71-010877
  - Anesthetics
    - 71-010918
  - Angling
    - 71-012564
  - Aroclor
    - 71-010543
    - 71-011100
    - 71-011396
  - Bacterial Diseases
    - 71-000202
    - 71-009080
    - 71-009149
    - 71-009159
    - 71-009173
    - 71-009198
    - 71-009219
    - 71-009220
  - Bacterial Kidney Disease
    - 71-009159
    - 71-009173
    - 71-009219
    - 71-009220
  - Bayer 73
    - 71-010601
  - Blood Chemistry
    - 71-002440
    - 71-002856
    - 71-003626
    - 71-003725
    - 71-004388
    - 71-004654
    - 71-010753
  - Cadmium
    - 71-010595
    - 71-010687
    - 71-010700
    - 71-010766
    - 71-011306
  - Channelization
    - 71-011959
  - Chlordane
    - 71-010683
  - Chlorinated Hydrocarbons
    - 71-010541
  - Chlorine
    - 71-011024
    - 71-011453
  - Competition
    - 71-006912
  - Copper
    - 71-011124
  - Creel Census
    - 71-012166
  - Culture/Propagation
    - 71-000172
    - 71-000186
    - 71-000202
    - 71-000207
    - 71-000259
    - 71-000759
    - 71-000824
    - 71-000943
    - 71-004072
  - Cyanide
    - 71-011389
  - DDT
    - 71-010541
    - 71-010545
    - 71-010576
    - 71-010935
    - 71-010936
    - 71-011148
    - 71-011424
  - Diazinon
    - 71-010564
  - Diets
    - 71-000759
  - Distribution/Factors of
    - 71-007973
  - Ecology
    - 71-012942
  - Electrophoresis
    - 71-004552
    - 71-004642
  - Endocrinology
    - 71-000759

...CONTINUED...

- Salvelinus fontinalis
  - Endocrinology
    - 71-000824
    - 71-002437
    - 71-002975
    - 71-002976
    - 71-002977
    - 71-003626
    - 71-004193
  - Enzymes
    - 71-004394
    - 71-010543
  - Excretory System
    - 71-003681
  - Exploitation Rates
    - 71-012166
  - Feeding Experiments
    - 71-000759
    - 71-000824
    - 71-000943
    - 71-002975
    - 71-004072
  - Fenitrothion
    - 71-011534
  - Fin Clipping
    - 71-012347
    - 71-012348
  - Fish Control/Removal
    - 71-012836
  - Fish Kills
    - 71-010521
  - Fishing Gear
    - 71-012564
  - Flow Regimes
    - 71-005021
    - 71-006666
  - Foods/Feeding
    - 71-006069
    - 71-006757
    - 71-006891
    - 71-006944
    - 71-006948
    - 71-007326
    - 71-012392
    - 71-012849
  - Furunculosis
    - 71-000202
    - 71-009080
    - 71-009197
    - 71-009198
  - Gear Selectivity
    - 71-012564
  - Genetic Strains
    - 71-012408
    - 71-012415
  - Genetics
    - 71-012425
  - Gills
    - 71-001804
  - Grazing
    - 71-012982
  - Habitat Alterations
    - 71-011960
    - 71-013017
  - Habitat Selection
    - 71-005021
    - 71-008331
  - Handling Mortality
    - 71-000202
  - Harvest
    - 71-012849
  - Heavy Metals
    - 71-010595
    - 71-010687
    - 71-010700
    - 71-010766
    - 71-010912
    - 71-010913
    - 71-010914
    - 71-010920
    - 71-011124
    - 71-011125
    - 71-011306
    - 71-011388
  - Hormones
    - 71-002975
    - 71-004193
    - 71-004388
  - Hybridization
    - 71-004597
    - 71-004654
    - 71-012402
  - Hydrogen Cyanide
    - 71-011389
  - Hydrogen Sulfide
    - 71-011391
  - Inbreeding
    - 71-000172
  - Induced Maturation
    - 71-000186
  - Insecticides
    - 71-010541
    - 71-010543
    - 71-010545
    - 71-010564
    - 71-010576
    - 71-010683
    - 71-010708
    - 71-010935
    - 71-010936
    - 71-011100
    - 71-011148
    - 71-011396
    - 71-011424
    - 71-011534
  - IPN
    - 71-009404

...CONTINUED...

- Salvelinus fontinalis
  - IPN
    - 71-009415
    - 71-009470
  - Iron Hydroxide
    - 71-011388
  - Lead
    - 71-010700
    - 71-010914
  - Length-Weight Relationships
    - 71-007600
  - Life History/General
    - 71-005484
    - 71-012942
  - Light
    - 71-002819
  - Management/Research--General
    - 71-005484
    - 71-012942
  - Management/Research--Lakes
    - 71-006912
    - 71-012405
    - 71-012408
    - 71-012415
    - 71-012836
    - 71-012849
  - Management/Research--Ponds
    - 71-012392
    - 71-013016
  - Management/Research--Rivers and Streams
    - 71-006026
  - Mercury
    - 71-010700
    - 71-010920
    - 71-011125
  - Meristic Studies
    - 71-004709
  - Metabolic Rates
    - 71-004072
  - Metabolism
    - 71-004394
  - Mine Effluents
    - 71-012884
  - Monosex Culture
    - 71-000207
  - Mortality Factors
    - 71-007189
  - Movements
    - 71-006659
    - 71-006666
    - 71-006697
  - MS-222
    - 71-010918
  - Nervous System
    - 71-002606
  - Nets/Gill Nets
    - 71-012564
  - Parasites/Diseases
    - 71-000202
    - 71-009034
    - 71-009080
    - 71-009149
    - 71-009159
    - 71-009173
    - 71-009197
    - 71-009198
    - 71-009219
    - 71-009220
    - 71-009404
    - 71-009415
    - 71-009470
    - 71-009968
  - Parasitic Copepods
    - 71-009968
  - pH
    - 71-006338
    - 71-010738
    - 71-010739
    - 71-010753
    - 71-010952
    - 71-011169
    - 71-011287
    - 71-011445
    - 71-011470
  - Phenols
    - 71-011148
  - Piscicides
    - 71-010601
    - 71-011133
    - 71-011578
    - 71-011601
  - Polychlorinated Biphenyls
    - 71-010540
    - 71-010542
    - 71-010543
    - 71-011100
    - 71-011148
    - 71-011396
    - 71-011424
  - Polyploidy
    - 71-000259
    - 71-004521
  - Population Studies
    - 71-005799
    - 71-005928
    - 71-005929
    - 71-006005
    - 71-006026
    - 71-006027
    - 71-006069
    - 71-012836
  - Power Plant Effluents
    - 71-011453
  - Predator/Prey Relationships
    - 71-006756
    - 71-006944
    - 71-007189
  - Production
    - 71-005928

...CONTINUED...

- Salvelinus fontinalis
  - Production
    - 71-005929
    - 71-006027
    - 71-006068
    - 71-006069
  - Propoxur
    - 71-010708
  - Recruitment
    - 71-005928
  - Reproduction
    - 71-002819
  - Reproductive System
    - 71-002821
  - Riparian Habitat
    - 71-012982
  - Salmincola edwardsii
    - 71-009968
  - SBS
    - 71-009149
  - Sedimentation
    - 71-006305
  - Sex Reversal
    - 71-000207
  - Spawning
    - 71-004521
    - 71-006305
    - 71-006338
    - 71-006472
    - 71-006564
  - Spawning Site Development
    - 71-013016
  - Sperm
    - 71-001555
  - Spring Ponds
    - 71-013017
  - Starvation
    - 71-002977
  - Sterilization
    - 71-000259
  - Steroids
    - 71-002821
  - Stocking/Introductions
    - 71-006912
    - 71-012166
    - 71-012392
    - 71-012402
    - 71-012404
    - 71-012405
    - 71-012408
    - 71-012415
    - 71-012425
  - Stream Improvement/General
    - 71-011968
  - Taxonomy
    - 71-005484
  - Temperature
    - 71-002606
    - 71-002662
    - 71-004101
    - 71-005021
    - 71-005237
    - 71-006666
  - Temperature Selection
    - 71-005237
    - 71-011148
  - TFM
    - 71-010601
    - 71-011578
  - Thermal Pollution
    - 71-006697
  - Thermal Regulation
    - 71-004101
  - Toxaphene
    - 71-011133
    - 71-011601
  - Variation Studies
    - 71-004552
    - 71-004642
    - 71-004709
  - Viral Diseases
    - 71-009404
    - 71-009415
    - 71-009470
  - Vision
    - 71-001847
  - Zinc
    - 71-010912
    - 71-010913
- Salvelinus fontinalis X S. namayc
  - Management/Research--General
    - 71-011747
  - Parasites/Diseases
    - 71-008925
  - Stocking/Introductions
    - 71-012465
  - Temperature Selection
    - 71-005028
- Salvelinus leucomaenis
  - Age/Growth
    - 71-005621
  - Biphenyl Ethers
    - 71-011154
    - 71-011155
  - Endocrinology
    - 71-004248
  - Foods/Feeding
    - 71-006952
  - Herbicides
    - 71-011154
    - 71-011155
  - Maturation
    - 71-005621
  - Movements
    - 71-005621
  - Reproduction
    - 71-004248
  - Skeletal System
    - 71-002027

lvelinus malma
  Life History/General
    71-005484
  Management/Research--General
    71-005484
  Minnow Traps
    71-012490
  Taxonomy
    71-005484
    71-008697
    71-008850
lvelinus malma curilus
  Life History/General
    71-005468
  Variation Studies
    71-005468
lvelinus malma krascheninnikovi
  Age/Growth
    71-005621
  Maturation
    71-005621
  Movements
    71-005621
lvelinus namaycush
  Abundance/Factors of
    71-008360
    71-008431
  Age/Growth
    71-005720
    71-005983
    71-006084
    71-013055
  Bayer 73
    71-010601
  Bibliographies
    71-013455
  Cadmium
    71-010766
  Chlorinated Hydrocarbons
    71-010346
    71-011216
  Chlorine
    71-010748
  Competition
    71-006912
  Copper
    71-011124
  Culture/Propagation
    71-000724
    71-000846
    71-000847
    71-000857
  DDT
    71-010744
    71-011222
    71-011277
    71-011425
  Dieldrin
    71-011277
  Diets
    71-000857
  Dinoseb
    71-011541
  Enzymes
    71-011222
  Fecundity
    71-005983
    71-006311
    71-013055
  Feeding Experiments
    71-000724
    71-000846
    71-000847
    71-000857
  Foods/Feeding
    71-005720
  Genetic Strains
    71-012445
  Habitat Selection
    71-005356
    71-005393
  Halogens
    71-010748
  Harvest
    71-005995
  Heavy Metals
    71-010766
    71-011124
    71-011222
  Herbicides
    71-011540
    71-011541
  Insecticides
    71-010744
    71-011216
    71-011222
    71-011277
    71-011425
  Life History/General
    71-005484
    71-005618
    71-005983
    71-013455
  Management/Research--General
    71-005484
    71-011726
    71-013455
  Management/Research--Lakes
    71-005983
    71-005995
    71-006912
    71-012447
  Management/Research--Reservoirs
    71-012464
  Maturation
    71-013055
  Mortality Factors
    71-007189

...CONTINUED...
Salvelinus namaycush
  Mortality Rates
    71-005983
    71-013055
  Movements
    71-006697
  Picloram
    71-011541
  Piscicides
    71-010601
  Polychlorinated Biphenyls
    71-010318
    71-011216
    71-011222
    71-011425
  Population Studies
    71-005983
    71-005995
    71-006001
    71-006084
  Predator/Prey Relationships
    71-005995
    71-007028
    71-007189
    71-007257
  Pumped Storage
    71-011946
  Sewage Effluents
    71-010562
  Spawning
    71-005720
    71-006442
    71-006469
    71-010744
  Stocking/Introductions
    71-006442
    71-006912
    71-012445
    71-012464
    71-012465
  Supplemental Stocking
    71-012447
  Taxonomy
    71-005484
  Temperature
    71-004101
  TFM
    71-010601
  Thermal Pollution
    71-006697
  Thermal Regulation
    71-004101
  Treatment Plant Effluents
    71-010748
  Trophic Relationships
    71-005627
  Turbidity
    71-008431
  2,4-D
    71-011540
Salvelinus namaycush X S. fontinalis
  Management/Research--General
    71-011747
  Stocking/Introductions
    71-012465
Salvelinus neiva
  Dwarfism
    71-002040
  Life History/General
    71-005863
  Taxonomy
    71-005863
Salvelinus willughbii
  Age/Growth
    71-007453
    71-007454
  Foods/Feeing
    71-006913
  Length-Weight Relationships
    71-007522
Sander lucioperca
  Ancyrocephalus paradoxus
    71-009756
  Parasites/Diseases
    71-009756
  Trematodes
    71-009756
Sarda
  Distribution/Geographical
    71-008175
  Life History/General
    71-005887
  Management/Research--Marine
    71-005887
  Taxonomy
    71-008175
Sarda australis
  Distribution/Geographical
    71-007947
Sardina pilchardus
  Age/Growth
    71-007383
  Electrophoresis
    71-004756
  Variation Studies
    71-004756
Sardinella anchovia
  Distribution/Factors of
    71-006727
  Distribution/Geographical
    71-006727
Sardinella aurita
  Age/Growth
    71-007534
  Genetic Strains
    71-007534

Sardinella dayi
  Taxonomy
    71-008461
Sardinella longiceps
  Spawning
    71-006378
Sardinops melanosticta
  Biochemical Composition
    71-002923
    71-004451
  Lipid Composition
    71-002939
    71-004169
    71-004170
  Musculature
    71-002923
    71-002924
  Stress
    71-002939
Sardinops ocellata
  Bird Predation
    71-006842
  Management/Research--Marine
    71-013173
  Predator/Prey Relationships
    71-006842
Sardinops sagax
  Abundance/Factors of
    71-008298
  Distribution/Geographical
    71-007781
  Foods/Feeding
    71-008298
  Foods/Feeding/Selectivity
    71-006768
  Paleontology
    71-007781
Sardinops sagax caerulea
  Management/Research--Marine
    71-006035
  Population Studies
    71-006035
Sardinops sagax musica
  Maturation
    71-006502
Sarotherodon
  Culture/Propagation
    71-000362
  Polyculture
    71-000362
  Pond Culture
    71-000362
  Spawning
    71-006485
Sarotherodon andersoni
  Age/Growth
    71-006006
    71-011909
  Mortality Rates
    71-006006
  Production
    71-006006
  Reservoir Release Effects
    71-011909
Sarotherodon aurea
  Culture/Propagation
    71-000473
  Polyculture
    71-000473
Sarotherodon galilaeus
  Management/Research--Reservoirs
    71-013054
  Population Studies
    71-013054
Sarotherodon leucostictus
  Foods/Feeding
    71-012901
  Management/Research--Lakes
    71-012901
Sarotherodon macrochir
  Age/Growth
    71-006006
    71-011909
  Mortality Rates
    71-006006
  Production
    71-006006
  Reservoir Release Effects
    71-011909
  Spawning
    71-006404
Sarotherodon placidus
  Distribution/Geographical
    71-007764
Sarpa salpa
  Trophic Relationships
    71-006827
Saurida tumbil
  Age/Growth
    71-007407
  Foods/Feeding
    71-006809
Saurida undosquamis
  Age/Growth
    71-007407
  Foods/Feeding
    71-006809
  Length Frequencies
    71-007622
Scaphirhynchus platorhynchus
  Distribution/Geographical
    71-005573
  Life History/General
    71-005573
  Movements
    71-005753

...CONTINUED...
Scaphirhynchus platorhynchus
  Spawning
    71-005753
Scaphirhynchus platorynchus
  Ampullary System
    71-004195
  Bile Composition
    71-003069
  Blood Chemistry
    71-003069
  Digestive System
    71-002054
  Foods/Feeding
    71-002054
    71-007122
  Integument
    71-002055
  Mouth Parts
    71-002054
Scardinius erythrophthalmus
  Abundance/Factors of
    71-008313
  Cestodes
    71-009548
  Competition
    71-008313
  Digestion Rates
    71-006979
  Digestive System
    71-003011
    71-003012
    71-003643
  Diplostomum spathaceum
    71-009548
  Distribution/Geographical
    71-007775
  Ecology
    71-005516
  Enzymes
    71-003011
    71-003643
  Foods/Feeding
    71-006979
    71-007143
    71-007151
  Life History/General
    71-005516
  Parasites/Diseases
    71-009548
  Population Studies
    71-008313
    71-012394
  Spawning
    71-006373
    71-006507
  Stocking/Introductions
    71-005516
    71-012394
  Temperature
    71-003012
  Tylodelphys clavata
    71-009548
Scardinius erythrophthalmus X Abramis brama
  Hybrid Identification
    71-004553
Scardinius erythrophthalmus X Rutilus rutilus
  Hybrid Identification
    71-004553
    71-004854
  Hybridization
    71-004854
Scaridae
  Foods/Feeding
    71-006800
  Social Behavior
    71-004889
  Spawning
    71-004889
  Trophic Relationships
    71-006800
Scarus
  Mouth Parts
    71-001576
Scarus blochii
  Taxonomy
    71-008751
Scarus capistratoides
  Taxonomy
    71-008751
Scarus coelestinus
  Schooling Behavior
    71-004873
Scarus croicensis
  Spawning
    71-006228
  Taxonomy
    71-008751
Scarus ferrugineus
  Taxonomy
    71-008750
Scarus gibbus
  Ciguatera
    71-004479
  Toxins
    71-004479
Scarus iserti
  Taxonomy
    71-008751
Scarus japanensis
  Taxonomy
    71-008751
Scarus psittacus
  Taxonomy
    71-008750
Scarus quoyi
  Taxonomy
    71-008751
Scatophagus argus
  Parasites/Diseases
    71-009513

...CONTINUED...

- Scatophagus argus
  - Trematodes
    - 71-009513
- Schilbe mystus
  - Age/Growth
    - 71-007568
  - Biochemical Composition
    - 71-003688
  - Foods/Feeding
    - 71-007156
  - Reproductive System
    - 71-002088
- Schilbe uranoscopus
  - Foods/Feeding
    - 71-007156
- Schilbeidae
  - Fecundity
    - 71-006439
  - Habitat Selection
    - 71-006070
  - Population Studies
    - 71-006070
  - Spawning
    - 71-006439
- Schizothorax argentatus
  - Fecundity
    - 71-006359
- Schizothorax intermedius eurycephalus
  - Life History/General
    - 71-005663
- Sciaenidae
  - Abundance
    - 71-008144
  - Age/Growth
    - 71-005565
  - Cestodes
    - 71-009853
    - 71-009855
  - Distribution/Geographical
    - 71-005565
    - 71-008144
    - 71-008510
    - 71-008828
  - Foods/Feeding
    - 71-005527
    - 71-005565
  - Life History/General
    - 71-005527
    - 71-005528
    - 71-005826
  - Morphology
    - 71-005527
    - 71-005528
    - 71-008510
  - Movements
    - 71-005826
  - Parasites/Diseases
    - 71-009853
    - 71-009855
  - Poecilancistrium caryophyllum
    - 71-009853
  - Taxonomy
    - 71-005528
    - 71-008510
    - 71-008743
    - 71-008828
- Sciaenops ocellata
  - Abundance
    - 71-013251
  - Age/Growth
    - 71-007645
  - Culture/Propagation
    - 71-000556
    - 71-000577
    - 71-000640
    - 71-000641
  - Fry Production
    - 71-000556
    - 71-000640
  - Induced Maturation
    - 71-000641
  - Laboratory Spawning
    - 71-000556
  - Management/Research--Marine
    - 71-013251
  - Metabolic Rates
    - 71-004324
  - Pond Culture
    - 71-000577
  - Salinity
    - 71-004324
  - Sound Production
    - 71-005051
  - Spawning
    - 71-005051
  - Spawning Cycle Regulation
    - 71-000641
  - Stocking/Introductions
    - 71-012426
  - Swimming Performance
    - 71-004324
  - Telemetry
    - 71-012313
  - Temperature
    - 71-004324
- Scleropages formosus
  - Endocrinology
    - 71-006498
  - Spawning
    - 71-006498
- Scleropages leichardti
  - Cestodes
    - 71-009516
  - Parasites/Diseases
    - 71-009516
  - Polyonchobothrium scleropagis
    - 71-009516
- Scoliodon laticaudus
  - Taxonomy
    - 71-008702
- Scoloplax dicra
  - New Species
    - 71-008464
- Scolopsis bilineatus
  - Mimicry
    - 71-005350
- Scolopsis margaritifer
  - Mimicry
    - 71-005350
- Scomber japonicus
  - Abundance/Factors of
    - 71-006075
  - Age/Growth
    - 71-005481
  - Body Temperature
    - 71-003894
  - Culture/Propagation
    - 71-000616
  - Distribution/Geographical
    - 71-007729
  - Distribution/Vertical
    - 71-006634
  - Enzymes
    - 71-003594
    - 71-003721
  - Exploitation Rates
    - 71-006077
  - Fecundity
    - 71-006393
  - Harvest
    - 71-006076
  - Induced Maturation
    - 71-000616
  - Life History/General
    - 71-005659
  - Management/Research--Marine
    - 71-006075
    - 71-006076
  - Metabolic Rates
    - 71-003894
  - Population Studies
    - 71-006076
  - Recruitment
    - 71-006075
    - 71-006077
  - Schooling Behavior
    - 71-006634
  - Spawning
    - 71-005481
  - Swimming Performance
    - 71-003894
- Scomber japonicus colias
  - Heavy Metals
    - 71-010345
  - Zinc
    - 71-010345
- Scomber scombrus
  - Bacterial Diseases
    - 71-009063
  - Biochemical Composition
    - 71-002667
  - Cardio-Vascular System
    - 71-001780
  - Distribution/Geographical
    - 71-007729
  - Distribution/Vertical
    - 71-006714
  - Electrophoresis
    - 71-004800
  - Enzymes
    - 71-004800
  - Fecundity
    - 71-006424
  - Haematractidium scombri
    - 71-009326
    - 71-009836
  - Holding Facilities
    - 71-001013
  - Life History/General
    - 71-005718
  - Management/Research--Marine
    - 71-005718
    - 71-005898
  - Parasites/Diseases
    - 71-009063
    - 71-009326
    - 71-009836
  - Population Studies
    - 71-005718
    - 71-005898
    - 71-012818
  - Predator/Prey Relationships
    - 71-006030
  - Protozoan Diseases
    - 71-009326
  - Spawning
    - 71-006339
    - 71-006424
    - 71-006563
  - Tuberculosis
    - 71-009063
  - Ubiquinones
    - 71-002667
- Scomberesocidae
  - Seismosensory System
    - 71-001395
  - Taxonomy
    - 71-008626
- Scomberesox saurus
  - Age/Growth
    - 71-007565
  - Distribution/Geographical
    - 71-005769
    - 71-007828
    - 71-008714

...CONTINUED...

- Scomberesox saurus
  - Distribution/Vertical
    - 71-005769
  - Early Development
    - 71-005769
  - Eggs
    - 71-005769
  - Embryology
    - 71-005769
- Scomberomorini
  - Taxonomy
    - 71-008547
- Scomberomorus brasiliensis
  - Life History/General
    - 71-005731
  - New Species
    - 71-008522
- Scomberomorus cavalla
  - Foods/Feeding
    - 71-006860
  - Life History/General
    - 71-005497
    - 71-005731
  - Movements
    - 71-006740
  - Temperature
    - 71-006740
- Scomberomorus lineolatus
  - Identification/Larvae
    - 71-008805
- Scomberomorus maculatus
  - Life History/General
    - 71-005498
    - 71-005731
    - 71-005845
- Scomberomorus munroi
  - New Species
    - 71-008521
- Scomberomorus regalis
  - Life History/General
    - 71-005731
- Scombridae
  - Abundance/Factors of
    - 71-008298
  - Baits/Baiting
    - 71-012572
  - Blood Chemistry
    - 71-004000
  - Cage Culture
    - 71-000602
  - Commercial Fishing
    - 71-013235
  - Culture/Propagation
    - 71-000600
    - 71-000601
    - 71-000602
    - 71-000603
    - 71-000604
    - 71-006328
  - Distribution/Geographical
    - 71-008196
    - 71-008645
  - Ecology
    - 71-000600
  - Economic Values
    - 71-013235
  - Enzymes
    - 71-002877
  - Foods/Feeding
    - 71-008196
    - 71-008298
  - Heavy Metals
    - 71-010162
    - 71-010225
    - 71-010417
  - Lead
    - 71-010417
  - Longlines
    - 71-012572
  - Management/Research--Marine
    - 71-006103
    - 71-013167
    - 71-013195
    - 71-013197
    - 71-013198
    - 71-013229
    - 71-013235
  - Mercury
    - 71-010162
    - 71-010225
  - Metabolism
    - 71-002877
    - 71-003064
  - Net-Pen Culture
    - 71-000604
  - Polyculture
    - 71-000604
  - Population Studies
    - 71-006103
  - Spawning
    - 71-006328
  - Taxonomy
    - 71-008645
  - Thermal Regulation
    - 71-002318
    - 71-002585
    - 71-002877
    - 71-003064
  - Trophic Relationships
    - 71-008196
- Scombroidei
  - Life History/General
    - 71-005672
  - Management/Research--Marine
    - 71-005672
- Scombrolabrax heterolepis
  - Early Development
    - 71-001891
- Scopelarchus guentheri
  - Gills
    - 71-001660
- Scopelengys
  - Taxonomy
    - 71-008498
- Scopelengys clarkei
  - New Species
    - 71-008498
- Scopelosaurus lepidus
  - Vision
    - 71-001813
- Scophthalmus maeoticus
  - Management/Research--Marine
    - 71-013192
- Scophthalmus maeoticus maeoticus
  - Endocrinology
    - 71-002336
    - 71-004514
  - Foods/Feeding
    - 71-007113
  - Maturation
    - 71-004175
  - Oogenesis
    - 71-004175
  - Reproductive System
    - 71-004514
- Scophthalmus maximus
  - Ammonia
    - 71-010560
  - Bacterial Diseases
    - 71-009121
  - Coloration
    - 71-005163
  - Culture/Propagation
    - 71-000698
    - 71-000699
    - 71-000701
    - 71-000711
    - 71-000713
    - 71-000766
    - 71-000887
    - 71-002817
  - Diets
    - 71-000698
    - 71-000699
    - 71-000701
    - 71-000711
  - Digestion Rates
    - 71-002718
  - Feeding Experiments
    - 71-000698
    - 71-000699
    - 71-000701
    - 71-000713
    - 71-000766
    - 71-000887
    - 71-002780
    - 71-002781
  - Haemogregarina sachai
    - 71-009312
    - 71-009313
    - 71-009315
  - Hematozoa
    - 71-009312
    - 71-009313
  - Hepato-Renal Syndrome
    - 71-009240
  - Herpesvirus scophthalmi
    - 71-009402
    - 71-009453
  - Light
    - 71-002817
  - Lipid Composition
    - 71-003397
  - Lipid Metabolism
    - 71-002781
  - Myxidium incurvatum
    - 71-009240
  - Nutrition
    - 71-000887
    - 71-002780
    - 71-003397
  - Parasites/Diseases
    - 71-009121
    - 71-009240
    - 71-009312
    - 71-009313
    - 71-009315
    - 71-009402
    - 71-009453
    - 71-009870
  - Protozoan Diseases
    - 71-009240
    - 71-009312
    - 71-009313
    - 71-009315
  - Reproduction
    - 71-002817
  - Rhabdospora thelohani
    - 71-009240
  - Spawning Cycle Regulation
    - 71-002817
  - Taste Reception
    - 71-003445
  - Temperature
    - 71-002817
  - Tumors
    - 71-009870
  - Vibrio anguillarum
    - 71-009121
  - Vibriosis
    - 71-009121
  - Viral Diseases
    - 71-009402
    - 71-009453
- Scorpaena
  - Endocrinology
    - 71-003456

- Scorpaena guttata
  - ATP
    - 71-003799
  - Blood Chemistry
    - 71-003848
  - Enzymes
    - 71-003799
- Scorpaena porcus
  - Biochemical Composition
    - 71-004449
  - Body Form
    - 71-005264
  - Endocrinology
    - 71-003820
  - Excretory System
    - 71-004449
  - Locomotion
    - 71-005264
  - Nitrogen Excretion
    - 71-003602
  - Toxins
    - 71-003488
- Scorpaena scrofa
  - Toxins
    - 71-003488
- Scorpaena ustulata
  - Toxins
    - 71-003488
- Scorpaenichthys marmoratus
  - Leeches
    - 71-009545
    - 71-009546
  - Malmiana
    - 71-009545
  - Parasites/Diseases
    - 71-009255
    - 71-009545
    - 71-009546
  - Protozoan Diseases
    - 71-009255
  - Trachelobdella oregonensis
    - 71-009546
  - Trypanoplasma beckeri
    - 71-009255
- Scorpaenidae
  - Blood Chemistry
    - 71-002179
  - Identification/Larvae
    - 71-008698
  - Swimbladder
    - 71-002179
- Scorpis aequipinnis
  - Electrophoresis
    - 71-008796
  - Meristic Studies
    - 71-008796
  - Taxonomy
    - 71-008796
- Scorpis violaceus
  - Electrophoresis
    - 71-008796
  - Meristic Studies
    - 71-008796
  - Taxonomy
    - 71-008796
- Scyliorhinidae
  - Taxonomy
    - 71-010436
- Scyliorhinus canicula
  - Acoustico-Lateralis System
    - 71-001865
    - 71-001866
    - 71-001867
    - 71-003748
  - Biochemical Composition
    - 71-002664
  - Blood Chemistry
    - 71-002480
    - 71-002483
    - 71-002665
    - 71-003246
  - Cardio-Vascular System
    - 71-002365
    - 71-002664
  - Catecholamines
    - 71-002366
    - 71-002510
  - Digestive System
    - 71-004495
  - Embryology
    - 71-002741
  - Endocrinology
    - 71-002443
    - 71-002479
    - 71-002481
    - 71-002484
    - 71-002589
    - 71-002590
    - 71-002591
    - 71-002665
    - 71-003152
    - 71-003247
    - 71-006531
  - Enzymes
    - 71-003459
  - Excretory System
    - 71-002741
  - Hormones
    - 71-002479
    - 71-002484
    - 71-003152
    - 71-004148
    - 71-004149
    - 71-004150
  - Hypoxia
    - 71-002363
    - 71-002364

...CONTINUED...

- Scyliorhinus canicula
  - Hypoxia
    - 71-002365
    - 71-002366
    - 71-004019
  - Light
    - 71-002591
  - Lipid Composition
    - 71-002482
  - Liver
    - 71-001843
  - Nervous System
    - 71-001431
    - 71-002365
    - 71-003747
  - Nidamental Gland
    - 71-003918
  - Osmoregulation
    - 71-002232
  - Rectal Gland
    - 71-004023
  - Reproduction
    - 71-002485
    - 71-004366
  - Reproductive System
    - 71-001507
    - 71-002484
    - 71-002589
    - 71-002590
    - 71-006531
  - Respiration
    - 71-002364
    - 71-004019
  - RNA
    - 71-004366
  - Spawning
    - 71-006531
  - Steroids
    - 71-003246
    - 71-003247
  - Temperature
    - 71-002591
  - Urea
    - 71-003459
  - Vision
    - 71-004881
    - 71-004882
- Scyliorhinus stellaris
  - Lipid Composition
    - 71-002482
  - pH Regulation
    - 71-002960
  - Temperature
    - 71-002960
- Scyllium canicula
  - Endocrinology
    - 71-001385
    - 71-002140
  - Histology
    - 71-001384
- Sebastes
  - Competition
    - 71-006988
  - Distribution/Geographical
    - 71-008207
  - Ecology
    - 71-006988
  - Foods/Feeding
    - 71-006988
  - Habitat Selection
    - 71-005165
  - Heavy Metals
    - 71-010179
  - Henneguya sebasta
    - 71-009340
  - Identification
    - 71-007855
  - Leeches
    - 71-009545
  - Malmiana
    - 71-009545
  - Mercury
    - 71-010179
  - Myxosporida
    - 71-009347
  - Parasites/Diseases
    - 71-009340
    - 71-009347
    - 71-009545
    - 71-009723
  - Parasitic Copepods
    - 71-009723
  - Peniculus asinus
    - 71-009723
  - Protozoan Diseases
    - 71-009340
    - 71-009347
- Sebastes alutus
  - Abundance/Factors of
    - 71-005978
  - Age/Growth
    - 71-005521
    - 71-007378
  - Foods/Feeding
    - 71-005521
  - Habitat Selection
    - 71-005521
  - Management/Research--Marine
    - 71-005976
    - 71-005978
  - Population Studies
    - 71-005976
    - 71-005977
    - 71-005978
  - Schooling Behavior
    - 71-005521
- Sebastes atrovirens
  - Cranial Spines
    - 71-001737
- Sebastes caurinus
  - Age/Growth
    - 71-005906
  - Artificial Reefs
    - 71-007191
  - Foods/Feeding
    - 71-006778
    - 71-007191
  - Mortality Rates
    - 71-005906
  - Population Studies
    - 71-005906
- Sebastes ciliatus
  - Distribution/Seasonal
    - 71-006592
- Sebastes constellatus
  - Lymphocystis
    - 71-009437
  - Parasites/Diseases
    - 71-009437
  - Viral Diseases
    - 71-009437
- Sebastes crameri
  - Distribution/Geographical
    - 71-001916
  - Early Development
    - 71-001916
- Sebastes diploproa
  - Distribution/Vertical
    - 71-006587
  - Habitat Selection
    - 71-004914
  - Vision
    - 71-001429
- Sebastes fasciatus
  - Morphology
    - 71-001732
- Sebastes fasciatus kellyi
  - Identification
    - 71-008657
  - Morphology
    - 71-008657
- Sebastes flavidus
  - Age/Growth
    - 71-005906
    - 71-007519
    - 71-007623
  - Distribution/Geographical
    - 71-001707
  - Distribution/Seasonal
    - 71-006592
  - Early Development
    - 71-001707
  - Mortality Rates
    - 71-005906
  - Population Studies
    - 71-005906
- Sebastes helvomaculatus
  - Distribution/Geographical
    - 71-001916
    - 71-008261
  - Early Development
    - 71-001916
- Sebastes jordani
  - Skeletal System
    - 71-001933
- Sebastes maliger
  - Age/Growth
    - 71-005906
  - Davisia reginae
    - 71-009323
  - Lymphocystis
    - 71-009437
  - Mortality Rates
    - 71-005906
  - Parasites/Diseases
    - 71-009323
    - 71-009437
  - Population Studies
    - 71-005906
  - Protozoan Diseases
    - 71-009323
  - Viral Diseases
    - 71-009437
- Sebastes marinus
  - Arsenic
    - 71-010979
  - Heavy Metals
    - 71-010979
- Sebastes melanops
  - Age/Growth
    - 71-005906
    - 71-007623
  - Distribution/Geographical
    - 71-001707
  - Early Development
    - 71-001707
  - Mortality Rates
    - 71-005906
  - Population Studies
    - 71-005906
- Sebastes melanostomus
  - Life History/General
    - 71-005757
  - Management/Research--Marine
    - 71-005757
- Sebastes mentella
  - Morphology
    - 71-001732
- Sebastes mystinus
  - Foods/Feeding
    - 71-007074
  - Habitat Selection
    - 71-007074
  - Swimming Performance
    - 71-004978
- Sebastes nebulosus
  - Lymphocystics
    - 71-009437

...CONTINUED...

- Sebastes nebulosus
  - Parasites/Diseases
    - 71-009437
  - Skeletal System
    - 71-001933
  - Viral Diseases
    - 71-009437
- Sebastes paucispinis
  - Cestodes
    - 71-009713
  - Henneguya sebasta
    - 71-009294
  - Kudoa clupeidae
    - 71-009294
  - Myxosporida
    - 71-009294
  - Parabothriocephalus sagitticeps
    - 71-009713
  - Parasites/Diseases
    - 71-009294
    - 71-009713
  - Protozoan Diseases
    - 71-009294
- Sebastes pinniger
  - Age/Growth
    - 71-007623
  - Distribution/Geographical
    - 71-001916
  - Early Development
    - 71-001916
- Sebastes serranoides
  - Davisia reginae
    - 71-009323
  - Foods/Feeding
    - 71-007074
  - Habitat Selection
    - 71-007074
  - Life History/General
    - 71-005713
  - Movements
    - 71-006664
  - Parasites/Diseases
    - 71-009323
  - Protozoan Diseases
    - 71-009323
  - Swimming Performance
    - 71-004978
- Sebastes serriceps
  - Aggressive Behavior
    - 71-005055
- Sebastinae
  - Distribution/Geographical
    - 71-008207
- Sebastodes ruberrimus
  - Enzymes
    - 71-003472
- Sebastolobus alascanus
  - Abnormalities
    - 71-001402
  - Coloration
    - 71-001402
  - Lactate Dehydrogenase
    - 71-004029
- Sebastolobus altivelis
  - Lactate Dehydrogenase
    - 71-004029
- Sectator ocyurus
  - Distribution/Geographical
    - 71-008012
- Selachii
  - Encephalization
    - 71-001406
- Selenastrum gracile
  - Foods/Feeding/Selectivity
    - 71-006999
  - Predator/Prey Relationships
    - 71-006999
- Semaprochilodus theraponura
  - Culture/Propagation
    - 71-000940
  - Feeding Experiments
    - 71-000940
- Semotilus atromaculatus
  - Acanthocephala
    - 71-009554
  - Acanthocephalus dirus
    - 71-009554
  - Acanthocephalus jacksoni
    - 71-009822
  - Age/Growth
    - 71-007581
  - Behavior
    - 71-005345
  - Buoyancy Adjustment
    - 71-004903
  - Cestodes
    - 71-009479
    - 71-009792
    - 71-009822
  - Coloration
    - 71-001494
  - Early Development
    - 71-001458
    - 71-001687
  - Ecology
    - 71-005544
  - Enzymes
    - 71-003227
  - Fecundity
    - 71-007581
  - Foods/Feeding/Selectivity
    - 71-007148
    - 71-007149
  - Heavy Metals
    - 71-010985
  - Helminths
    - 71-009482

...CONTINUED...
Semotilus atromaculatus
Life History/General
71-005544
71-005545
Mercury
71-010985
Parasites/Diseases
71-009479
71-009482
71-009554
71-009792
71-009822
Photoperiodism
71-003227
Population Studies
71-006131
Proteocephalus
71-009822
Proteocephalus buplanensis
71-009479
71-009792
Spawning
71-006481
71-006482
Temperature
71-003227
Semotilus atromaculatus atromaculatus
Hybridization
71-006483
Spawning
71-006483
Semotilus corporalis
Acanthocephala
71-009820
Distribution/Geographical
71-007900
Early Development
71-001458
Neoechinorhynchus saginatus
71-009820
Parasites/Diseases
71-009820
Spawning
71-006480
Semotilus lumbee
New Species
71-008800
Semotilus margarita
Age/Growth
71-005703
71-007255
Copper
71-011472
Foods/Feeding
71-005703
71-007255
Heavy Metals
71-011472
Spawning
71-005703
Tuberculation
71-001540
Seriola
Bacterial Diseases
71-009138
Enzymes
71-003124
71-003125
Feeding Experiments
71-003124
71-003125
Immunization
71-009138
Parasites/Diseases
71-009138
Streptococcus
71-009138
Seriola dumerili
Distribution/Geographical
71-007919
Seriola quinqueradiata
Age/Growth
71-007496
Bacterial Diseases
71-009135
Biochemical Composition
71-000742
71-004014
Blood Chemistry
71-003621
71-003623
71-004453
71-008897
Carbohydrates
71-004016
Culture/Propagation
71-000585
71-000657
71-000742
71-000877
Diets
71-000877
Enzymes
71-003191
71-004157
Exercise
71-004453
Feeding Experiments
71-000742
71-000877
Heated Water
71-000657
Heavy Metals
71-011450
Kudoa pericardialis
71-009352
Light
71-005408

...CONTINUED...
Seriola quinqueradiata
Lipid Content
71-003671
Management/Research--Marine
71-006722
71-013261
Mercury
71-011450
Metabolism
71-004016
Movements
71-006682
71-006722
Nutrition
71-000742
Parasites/Diseases
71-008897
71-009135
71-009352
Population Studies
71-006722
71-013261
Power Plant Effluents
71-000657
Protozoan Diseases
71-009352
Reproduction
71-003671
Salinity
71-002973
Selenium
71-011450
Streptococcus
71-009135
Swimming Performance
71-005408
Temperature
71-007496
Seriolella brama
Digestive System
71-002958
Seriolella punctata
Digestive System
71-002958
Seriollela
Lipid Composition
71-002941
71-002944
Seriphus politus
Spawning
71-006290
Serranidae
Commercial Fishing
71-013317
Distribution/Geographical
71-008832
Distribution/Seasonal
71-006688
Early Development
71-001667
Foods/Feeding
71-007129
Life History/General
71-005852
Management/Research--Marine
71-013174
71-013317
Morphology
71-008642
New Species
71-008832
Population Studies
71-005852
Sex Reversal
71-004153
Taxonomy
71-008642
71-008832
Serranochromis angusticeps
Age/Growth
71-006006
Mortality Rates
71-006006
Production
71-006006
Serranus incisus
New Species
71-008519
Serrasalmus
Dentition
71-001417
Serrasalmus nattereri
Olfaction
71-001945
Serrasalmus spilopleura
Predator/Prey Relationships
71-007289
Setipinna taty
Length Frequencies
71-005945
Shiffia francesae
New Species
71-008643
Sicyases sanguineus
Foods/Feeding
71-007164
Habitat Selection
71-007164
Kidneys
71-002771
Sierrathrissa leonensis
Variation Studies
71-001852
Siganidae
Culture/Propagation
71-000645
Management/Research--Marine
71-013165

Siganus argenteus
Culture/Propagation
71-000631
Induced Maturation
71-000631
Siganus canaliculatus
Life History/General
71-005638
Siganus lineatus
Culture/Propagation
71-000570
Siganus luridus
Culture/Propagation
71-000631
Induced Maturation
71-000631
Siganus puelloides
New Species
71-008879
Siganus rivulatus
Culture/Propagation
71-000631
Induced Maturation
71-000631
Siganus trispilos
New Species
71-008880
Sillaginodes punctatus
Age/Growth
71-005806
Foods/Feeding
71-005806
Habitat Selection
71-005806
Life History/General
71-005806
Sillago panijus
Age/Growth
71-007529
Life History/General
71-007529
Sillago sihama
Culture/Propagation
71-000612
71-000637
Laboratory Spawning
71-000612
Siluranodon auritus
Foods/Feeding
71-007156
Siluriformes
Electroreception
71-002340
Nervous System
71-002340
Silurus glanis
Age/Growth
71-001743
Culture/Propagation
71-000393
71-000394
Flow Regimes
71-007158
Foods/Feeding
71-007158
Incubation
71-000394
Incubators
71-000393
Life History/General
71-005464
Morphology
71-001743
Population Studies
71-001743
Reproduction
71-006506
Spawning
71-006373
71-006506
Skiffia
Tetraploidy
71-004834
Snyderina guentheri
Taxonomy
71-008821
Solea impar
Culture/Propagation
71-000665
Solea solea
Age/Growth
71-000583
Ammonia
71-010560
Bacterial Diseases
71-009088
Coloration
71-005163
Culture/Propagation
71-000583
71-000670
71-000700
Early Development
71-001937
Epidermal Lesions
71-009803
Feeding Experiments
71-000670
71-000700
Feeds
71-000670
Fingerling Production
71-000583
Gills
71-001516
Haemogregarina simondi
71-009311

...CONTINUED...
Solea solea
Haemogregarina simondi
71-009314
Light
71-000583
Parasites/Diseases
71-009088
71-009311
71-009314
71-009803
Protozoan Diseases
71-009311
71-009314
Pseudomonas
71-009088
Vibrio
71-009088
Vision
71-001937
Solea vulgaris
Meristic Studies
71-001534
Variation Studies
71-001534
Soleidae
Ammonia
71-006804
Foods/Feeding
71-006804
Nitrate
71-006804
Nitrite
71-006804
Sorubim lima
Acoustico-Lateralis System
71-001571
Ampullary System
71-001571
Sparidae
Ammonia
71-006804
Cadmium
71-010928
Foods/Feeding
71-006804
Heavy Metals
71-010928
Life History/General
71-005569
Nitrate
71-006804
Nitrite
71-006804
Trophic Relationships
71-006827
Sparisoma virde
Cleaning Behavior
71-005414
Sparus aurata
Abnormalities
71-001862
Cage Culture
71-000630
Culture/Propagation
71-000575
71-000630
71-000810
71-002817
Epitheliocystis
71-009862
Feeding Experiments
71-000810
Fertilization
71-002249
Food Conversion Efficiency
71-000810
Hormones
71-002622
71-002834
Induced Maturation
71-002834
71-004512
Light
71-002817
Nutrition
71-000810
Parasites/Diseases
71-009002
71-009004
71-009443
71-009862
Reproduction
71-002817
71-004513
Reproductive System
71-002622
Salinity
71-000575
71-002249
Sex Reversal
71-004513
Spawning Cycle Regulation
71-002817
Steroids
71-002622
Systemic Granulomata
71-009443
Temperature
71-002817
Sparus datnia
Endocrinology
71-002650
Pancreas
71-002650
Sphoeroides maculatus
Fecundity
71-006413
Sphoeroides spengleri
Life History/General
71-005849

- Sphoeroides testudineus
  - Life History/General
    - 71-005849
- Sphyra mokarran
  - Embryology
    - 71-002068
- Sphyraenidae
  - Distribution/Geographical
    - 71-007716
  - Taxonomy
    - 71-008462
- Sphyrena picudilla
  - Length-Weight Relationships
    - 71-007444
- Sphyrna lewini
  - Distribution/Geographical
    - 71-007865
- Sphyrna tiburo
  - Stress
    - 71-002605
- Spicara smaris
  - Biosorption
    - 71-004515
  - Fins
    - 71-001854
  - Locomotion
    - 71-001854
  - Nitrogen Excretion
    - 71-003602
- Spinachia spinachia
  - Foods/Feeding
    - 71-007032
  - Foods/Feeding/Selectivity
    - 71-007031
  - Parasites/Diseases
    - 71-008923
- Spiniphryne
  - Taxonomy
    - 71-008480
- Spirinchus thaleichthys
  - Foods/Feeding/Selectivity
    - 71-006885
- Sprattus
  - Abundance
    - 71-006114
    - 71-006115
  - Population Studies
    - 71-006114
    - 71-006115
  - Predator/Prey Relationships
    - 71-006769
  - Year Class Strength
    - 71-006114
- Sprattus antipodum
  - Spawning
    - 71-006229
- Sprattus fuegensis
  - Foods/Feeding
    - 71-002425
  - Metabolic Rates
    - 71-002425
- Sprattus sprattus
  - Acoustico-Lateralis System
    - 71-001382
    - 71-001420
    - 71-002568
    - 71-002569
  - Chlorinated Hydrocarbons
    - 71-005860
  - Foods/Feeding/Selectivity
    - 71-007133
  - Harvest
    - 71-013158
  - Heavy Metals
    - 71-005860
  - Lernaeenicus sprattae
    - 71-009915
  - Life History/General
    - 71-005860
  - Management/Research--Marine
    - 71-013158
  - Parasites/Diseases
    - 71-005860
    - 71-009915
  - Parasitic Copepods
    - 71-009915
  - Population Studies
    - 71-006116
  - Swimbladder
    - 71-001382
- Squalidae
  - Distribution/Geographical
    - 71-007839
  - Management/Research--Marine
    - 71-007839
    - 71-013179
- Squaliformes
  - Heavy Metals
    - 71-010073
  - Integument
    - 71-001812
  - Mercury
    - 71-010073
  - Spawning
    - 71-006298
- Squaliolus
  - Bioluminescence
    - 71-008774
  - Ecology
    - 71-008774
    - 71-008775
  - Morphology
    - 71-008774
  - Taxonomy
    - 71-008774
    - 71-008775
- Squaliolus alii
  - Taxonomy
    - 71-008776
- Squaliolus laticaudus
  - Taxonomy
    - 71-008776
- Squaliolus sarmenti
  - Taxonomy
    - 71-008776
- Squalus
  - Taxonomy
    - 71-008700
- Squalus acanthias
  - Adrenaline
    - 71-002108
  - Age/Growth
    - 71-005671
    - 71-007501
  - Biochemical Composition
    - 71-003466
  - Bioenergetics
    - 71-002314
  - Blood Chemistry
    - 71-003225
    - 71-003896
  - Branding
    - 71-012331
  - Cardio-Vascular System
    - 71-003018
    - 71-003225
    - 71-003712
    - 71-003713
  - Catecholamines
    - 71-002108
  - Distribution/Geographical
    - 71-007822
  - Embryology
    - 71-003176
  - Enzymes
    - 71-002439
    - 71-003147
    - 71-003472
    - 71-004389
  - Excretory System
    - 71-002949
  - Fin Rays
    - 71-001747
  - Fish Preservation
    - 71-013378
  - Foods/Feeding
    - 71-005671
    - 71-007012
    - 71-007013
  - Heavy Metals
    - 71-010164
    - 71-010165
    - 71-010174
  - Herbicides
    - 71-010842
    - 71-011005
  - Hypoxia
    - 71-003225
  - Lipid Composition
    - 71-002482
  - Liver
    - 71-002439
  - Management/Research--Marine
    - 71-006160
  - Mercury
    - 71-010164
    - 71-010165
    - 71-010174
  - Metabolic Rates
    - 71-002314
  - Mortality Rates
    - 71-006160
  - Movements
    - 71-006723
  - Nervous System
    - 71-002280
    - 71-003825
  - Olfaction
    - 71-001398
  - Osmoregulation
    - 71-004123
    - 71-004124
  - Population Studies
    - 71-005960
    - 71-006160
  - Rectal Gland
    - 71-004123
  - Reproduction
    - 71-002999
  - Reproductive System
    - 71-002278
  - Research Test Fish
    - 71-001017
    - 71-001018
  - Spawning
    - 71-003176
    - 71-005671
  - Starvation
    - 71-003393
  - Steroids
    - 71-002999
  - Stress
    - 71-001017
    - 71-001018
  - Taxonomy
    - 71-005671
    - 71-008641
  - Vision
    - 71-001967
  - 2,4-D
    - 71-010842
    - 71-011005
  - 2,4,5-T
    - 71-010842
- Squalus acutipinnis
  - Taxonomy
    - 71-008648
- Squalus cephalus
  - Life History/General
    - 71-005729
- Squalus fernandinus
  - Nervous System
    - 71-001816
- Squatina californica
  - Distribution/Geographical
    - 71-007822
  - Movements
    - 71-006715
- Squatina squatina
  - Lipid Composition
    - 71-002482
- Starksia ocellata
  - Taxonomy
    - 71-008603
- Stellerina xyosterna
  - Distribution/Geographical
    - 71-007710
- Stellifer lanceolatus
  - Identification/Larvae
    - 71-008744
- Stenobrachius leucopsarus
  - Cardiodectes medusaeus
    - 71-009813
  - Foods/Feeding/Selectivity
    - 71-007296
  - Parasites/Diseases
    - 71-009813
  - Parasitic Copepods
    - 71-009813
- Stenodus leucichthys
  - Culture/Propagation
    - 71-006029
  - Movements
    - 71-006577
  - Population Studies
    - 71-006029
  - Spawning Migration
    - 71-006577
  - Stocking/Introductions
    - 71-006029
  - Trawls
    - 71-012561
- Stenodus leucichthys nelma
  - Early Development
    - 71-006793
  - Foods/Feeding
    - 71-006793
  - Life History/General
    - 71-005789
  - Population Studies
    - 71-005789
  - Temperature
    - 71-006793
- Stenotomus caprinus
  - Foods/Feeding
    - 71-006975
- Stenotomus chrysops
  - Age/Growth
    - 71-007535
  - Life History/General
    - 71-005756
- Stepholepis cirrhifer
  - Sex Determination
    - 71-004727
- Sternarchorhamphus
  - Electric Organs
    - 71-003358
- Sternarchorhynchus
  - Electric Organs
    - 71-003358
- Sternarchus
  - Electroreception
    - 71-003966
  - Nervous System
    - 71-003966
- Sternarchus albifrons
  - Electric Organs
    - 71-004356
  - Regeneration
    - 71-004356
- Sternoptychidae
  - Taxonomy
    - 71-008486
- Sternoptyx
  - Taxonomy
    - 71-008463
- Sternoptyx pseudodiaphana
  - New Species
    - 71-008487
- Sternopygus
  - Electric Organs
    - 71-005194
  - Taxonomy
    - 71-008564
- Stichaeidae
  - Fish Lists/Keys
    - 71-008826
  - Identification/Larvae
    - 71-008826
- Stichaeopsis epallax
  - Distribution/Geographical
    - 71-008736
  - Taxonomy
    - 71-008736
- Stichaeus grigorjewi
  - Electrical Fields/Skin
    - 71-002237
- Stichaeus nozawai
  - Ichthyootoxin
    - 71-010965
  - Toxins
    - 71-010965
- Stichaeus punctatus
  - Distribution/Geographical
    - 71-005585

...CONTINUED...

- Stichaeus punctatus
  - Habitat Selection
    - 71-004926
  - Identification
    - 71-008559
  - Life History/General
    - 71-005585
  - Territorial Behavior
    - 71-004926
- Stizostedion
  - Vision
    - 71-002098
- Stizostedion canadense
  - Abundance/Factors of
    - 71-006062
    - 71-006102
    - 71-008433
  - Age/Growth
    - 71-007486
  - Channelization
    - 71-007486
  - Chlorine
    - 71-011090
  - Foods/Feeding
    - 71-008433
  - Foods/Feeding/Selectivity
    - 71-007105
    - 71-007271
  - Harvest
    - 71-006059
    - 71-006102
  - Management/Research--Lakes
    - 71-006062
  - Management/Research--Reservoirs
    - 71-006059
  - Movements
    - 71-010411
  - Population Studies
    - 71-006059
    - 71-006062
    - 71-006102
  - Power Plant Effluents
    - 71-011090
  - Predator/Prey Relationships
    - 71-008433
  - Temperature
    - 71-003281
  - Thermal Pollution
    - 71-010411
  - Trifluralin
    - 71-010435
  - Vision
    - 71-001380
    - 71-001450
    - 71-001890
  - Year Class Strength
    - 71-006059
- Stizostedion lucioperca
  - Abundance/Factors of
    - 71-008305
    - 71-008347
    - 71-008353
    - 71-008382
    - 71-008392
    - 71-008409
  - Distribution/Factors of
    - 71-008392
  - Eutrophication
    - 71-008305
    - 71-008347
    - 71-008409
  - Foods/Feeding
    - 71-006807
    - 71-006892
    - 71-007184
  - Harvest
    - 71-008409
  - Life History/General
    - 71-005734
    - 71-006028
    - 71-006156
    - 71-008347
  - Management/Research--Lakes
    - 71-008305
  - Morphology
    - 71-005734
  - Mouth Parts
    - 71-006892
  - Physiology
    - 71-005734
  - Population Studies
    - 71-005922
    - 71-006028
    - 71-006156
    - 71-008353
    - 71-008409
  - Predator/Prey Relationships
    - 71-007184
  - Trophic Relationships
    - 71-006807
    - 71-007184
  - Year Class Strength
    - 71-006156
- Stizostedion vitreum glaucum
  - Abundance/Factors of
    - 71-006062
  - Management/Research--Lakes
    - 71-006062
  - Population Studies
    - 71-006062
- Stizostedion vitreum vitreum
  - Abundance/Factors of
    - 71-006062
    - 71-006102
    - 71-006127
    - 71-008297
    - 71-008314
    - 71-008337
    - 71-008338

...CONTINUED...
Stizostedion vitreum vitreum
  Abundance/Factors of
    71-008357
    71-008359
    71-008360
    71-008413
    71-008431
    71-008433
  Activity Patterns
    71-005138
  Age/Growth
    71-005866
    71-007273
    71-007413
    71-007492
    71-007523
    71-007670
  Bioenergetics
    71-007273
    71-007523
  Cannibalism
    71-000355
    71-006845
  Cell Culture
    71-009426
  Chemical Reclamation
    71-012863
  Commercial Fishing
    71-012898
  Competition
    71-008337
    71-008359
  Culture/Propagation
    71-000317
    71-000334
    71-000355
    71-000425
    71-000472
    71-000544
    71-000688
    71-000767
    71-000782
    71-000822
    71-007110
  Dermal Sarcoma
    71-009471
  Diets
    71-000688
  Distribution/Vertical
    71-006441
    71-006669
  Electrofishing
    71-012601
  Eutrophication
    71-008357
  Excretory System
    71-004122
  Feeding Experiments
    71-000767
    71-000822
  Fingerling Production
    71-000317
  Fish Control/Removal
    71-012297
  Foods/Feeding
    71-005959
    71-006845
    71-006976
    71-007015
    71-008433
  Foods/Feeding/Selectivity
    71-005866
    71-006810
    71-007110
    71-007271
  Fry Stocking
    71-012448
  Harvest
    71-005892
    71-005927
    71-006002
    71-006012
    71-006059
    71-006100
    71-006102
    71-006125
    71-006127
    71-008314
    71-012145
    71-012176
  High Speed Nets
    71-005958
  Hormones
    71-002820
  Hydrogen Sulfide
    71-011391
  Induced Maturation
    71-000425
    71-002820
  Life History/General
    71-005734
  Light
    71-005353
  Lymphocystis
    71-009405
    71-009471
  Management/Research--General
    71-011727
  Management/Research--Lakes
    71-000334
    71-006012
    71-006062
    71-006100
    71-006125
    71-006127
    71-008357
    71-012145
    71-012383

...CONTINUED...
Stizostedion vitreum vitreum
  Management/Research--Lakes
    71-012391
    71-012459
    71-012460
    71-012850
    71-012863
    71-012898
  Management/Research--Reservoirs
    71-006059
    71-012448
    71-013093
  Migration
    71-006204
  Morphology
    71-005734
  Movements
    71-006441
    71-006576
    71-006635
    71-006651
    71-006745
  Muscle Necrosis
    71-009704
  Myofibrogranuloma
    71-009636
  Nursery Areas
    71-000334
  Nutrient Requirements
    71-000782
  Nutrition
    71-000782
  Parasites/Diseases
    71-009405
    71-009426
    71-009471
    71-009636
    71-009704
  Photoperiodism
    71-007492
  Phototropism
    71-005353
    71-005365
  Physiology
    71-005734
  Pond Culture
    71-007110
  Population Studies
    71-005892
    71-005927
    71-005958
    71-006002
    71-006010
    71-006012
    71-006059
    71-006062
    71-006100
    71-006101
    71-006102
    71-006108
    71-006109
    71-006125
    71-006127
    71-008297
    71-008314
    71-008337
    71-008338
    71-008413
    71-012145
    71-012391
    71-012837
    71-012898
    71-013093
  Predator/Prey Relationships
    71-004875
    71-005959
    71-006010
    71-006908
    71-007152
    71-007347
    71-008433
  Production
    71-005927
  Put-Grow-and-Take
    71-012448
  Regulations
    71-012240
  Scales
    71-001645
  Size Limits
    71-012240
  Spawning
    71-006204
  Standing Crop
    71-005927
  Stocking/Introductions
    71-005958
    71-012176
    71-012383
    71-012391
    71-012448
    71-012459
    71-013093
  Styrenes
    71-010248
  Supplemental Stocking
    71-012460
  Tannin
    71-000544
  Temperature
    71-000472
    71-003281
    71-007492
  Trophic Relationships
    71-006010
  Turbidity
    71-008431
  Viral Diseases
    71-009405

...CONTINUED...
Stizostedion vitreum vitreum
  Viral Diseases
    71-009426
    71-009471
  Vision
    71-001380
    71-001450
    71-001890
    71-004875
  Year Class Strength
    71-006002
    71-006059
    71-008338
Stolephorus
  Eggs
    71-008829
  Taxonomy
    71-008829
Stolephorus commersonii
  Parasites/Diseases
    71-009503
  Parasitic Copepods
    71-009503
  Peroderma tasselum
    71-009503
Stolephorus heterolobus
  Age/Growth
    71-006052
  Management/Research--Marine
    71-006052
  Population Studies
    71-006052
Stolephorus purpureus
  Age/Growth
    71-007636
  Culture/Propagation
    71-000654
  Fecundity
    71-006380
  Holding Facilities
    71-000654
  Predator/Prey Relationships
    71-007083
    71-007084
    71-007085
  Schooling Behavior
    71-007084
    71-007085
  Spawning
    71-006380
  Stress
    71-000654
Stolothrissa tanganicae
  Age/Growth
    71-007420
  Mortality Rates
    71-007420
Stomiatidae
  Distribution/Geographical
    71-007725
Stomiatoidei
  Taxonomy
    71-008565
Stromateoidei
  Distribution/Geographical
    71-008830
  Taxonomy
    71-008830
Stromateus maculatus
  Age/Growth
    71-002424
  Bioenergetics
    71-002424
Stromateus sinensis
  Parasites/Diseases
    71-009514
  Tergestia karachiense
    71-009514
  Trematodes
    71-009514
Strongylura timucu
  Defensive Behavior
    71-005360
Stylephorus chordatus
  Foods/Feeding
    71-007182
  Mouth Parts
    71-007182
Symbranchus marmarotus
  Air Breathing
    71-003005
  Respiration
    71-003005
Symphurus plagiusa
  Foods/Feeding
    71-007265
  Identification
    71-008713
  Morphology
    71-008713
  Spawning
    71-008713
Synbranchidae
  New Species
    71-008762
Synbranchus marmoratus
  Vision
    71-001388
Synchropus picturatus
  Bioenergetics
    71-002263
  Locomotion
    71-002263
  Swimming Performance
    71-004908
Syncomistes rastellus
  New Species
    71-008840
Syngnathidae
  Taxonomy
    71-008573

...CONTINUED...
Syngnathidae
  Taxonomy
    71-008574
Syngnathus caribbaeus
  New Species
    71-008533
Syngnathus corrugatus
  Taxonomy
    71-008544
Syngnathus floridae
  Foods/Feeding
    71-006801
  Trophic Relationships
    71-006801
Syngnathus leptorhynchus
  Distribution/Seasonal
    71-005489
  Length-Weight Relationships
    71-005489
  Sex Ratios
    71-005489
Syngnathus nigrolineatus
  Distribution/Geographical
    71-007868
Syngnathus parvicarinatus
  New Species
    71-008536
Syngnathus sauvagei
  Taxonomy
    71-008536
Syngnathus scovelli
  Foods/Feeding
    71-006801
  Trophic Relationships
    71-006801
Synodontis
  Blood Chemistry
    71-002855
  Inverted Swimming
    71-005453
  Swimbladder
    71-005453
Synodontis schall
  Cestodes
    71-009496
  Parasites/Diseases
    71-009496
  Wenyonia virilis
    71-009496
Synodus foetens
  Distribution/Geographical
    71-008231
Synodus lucioceps
  Anantrum histocephalum
    71-009714
  Cestodes
    71-009714
  Parasites/Diseases
    71-008969
    71-009714
Tandanus
  Balanotaeniidae
    71-009774
  Cestodes
    71-009774
  Parasites/Diseases
    71-009774
Tandanus tandanus
  Age/Growth
    71-007428
  Embryology
    71-002527
  Fecundity
    71-006246
  Foods/Feeding
    71-006849
  Impoundment
    71-006849
  Reproductive System
    71-002527
  Spawning
    71-006246
Tarletonbeania creunlaris
  Foods/Feeding/Selectivity
    71-007296
Tautoga onitis
  Embryology
    71-003705
  Life History/General
    71-013163
  Management/Research--Marine
    71-013163
  Population Studies
    71-013163
  Spawning
    71-006440
  Temperature
    71-003705
  Trace Metals
    71-003530
Tautogo onitis
  Habitat Selection
    71-005258
    71-005258
Tautogolabrus adspersus
  Biological Monitoring
    71-010482
  Cadmium
    71-011072
  Habitat Selection
    71-005258
  Heavy Metals
    71-010829
    71-011072
  Life History/General
    71-005561
  Movements
    71-006624

...CONTINUED...

- Tautogolabrus adspersus
  - Oil
    - 71-010482
    - 71-010801
    - 71-010984
    - 71-011225
  - Orientation/Homing
    - 71-006624
  - Silver
    - 71-010829
  - Territorial Behavior
    - 71-005292
- Telestes brandti
  - Taxonomy
    - 71-008610
- Tengra tengra
  - Henneguya ophiocephali
    - 71-009291
  - Parasites/Diseases
    - 71-009291
  - Protozoan Diseases
    - 71-009291
  - Tumors
    - 71-009291
- Terapon jarbua
  - Foods/Feeding
    - 71-007339
- Teraponidae
  - New Species
    - 71-008840
  - Taxonomy
    - 71-008841
    - 71-008843
  - Zoogeography
    - 71-008843
- Tetraodon
  - Nervous System
    - 71-001740
- Tetrapturus albidus
  - Length-Weight Relationships
    - 71-005480
  - Sex Ratios
    - 71-005480
  - Spawning
    - 71-005480
- Tetrapturus angustirostris
  - Distribution/Geographical
    - 71-008089
- Tetrapturus audax
  - Age/Growth
    - 71-007624
  - Commerical Fishing
    - 71-006628
  - Distribution/Vertical
    - 71-006627
  - Movements
    - 71-006628
  - Spawning
    - 71-006301
- Thalassoma bifasciatum
  - Cleaning Behavior
    - 71-005109
  - Foods/Feeding
    - 71-005109
  - Habitat Selection
    - 71-005019
- Thaleichthys pacificus
  - Distribution/Geographical
    - 71-007694
- Thallasoma
  - Predator/Prey Relationship
    - 71-006834
  - Predator/Prey Relationships
    - 71-006834
- Thalossoma bifasciatum
  - Aggressive Behavior
    - 71-005340
  - Competition
    - 71-005340
- Theragra chalcograma
  - Spawning
    - 71-005719
- Theragra chalcogramma
  - Abundance/Factors of
    - 71-006501
  - Age/Growth
    - 71-007640
  - Distribution/Factors of
    - 71-006665
  - Electrophoresis
    - 71-004632
  - Fecundity
    - 71-006575
  - Fish Kills
    - 71-008441
  - Foods/Feeding
    - 71-006771
    - 71-007079
  - Life History/General
    - 71-005658
  - Meristic Studies
    - 71-004781
  - Mortality Factors
    - 71-010522
  - Parasites/Diseases
    - 71-008441
  - Population Studies
    - 71-004781
  - Spawning
    - 71-006501
    - 71-006575
  - Temperature
    - 71-008441
  - Variation Studies
    - 71-004632
    - 71-004781
- Therapon unicolor
  - Reproduction
    - 71-006196

...CONTINUED...

- Therapon unicolor
  - Salinity
    - 71-002241
  - Spawning
    - 71-006196
  - Temperature
    - 71-002241
- Thryssa vitrirostris
  - Foods/Feeding/Selectivity
    - 71-006789
  - Trophic Relationships
    - 71-006789
    - 71-006789
- Thunnus
  - Commercial Fishing
    - 71-012230
  - Ecology
    - 71-005884
  - Thermal Regulation
    - 71-002585
- Thunnus alalunga
  - Blood Chemistry
    - 71-002137
    - 71-002899
  - Cobalt
    - 71-003314
  - Distribution/Factors of
    - 71-006658
  - Distribution/Geographical
    - 71-006657
  - Marking/tagging
    - 71-012338
  - Metabolic Rates
    - 71-004001
  - Movements
    - 71-004001
    - 71-006657
    - 71-006658
  - Swimming Speed
    - 71-004962
- Thunnus albacares
  - Age/Length Composition
    - 71-013303
  - Amino Acids
    - 71-003879
  - Bioenergetics
    - 71-012802
  - Catch per Unit Effort
    - 71-012553
  - Commercial Fishing
    - 71-013298
    - 71-013302
  - Foods/Feeding
    - 71-013273
  - Habitat Selection
    - 71-005042
  - Harvest
    - 71-013273
  - Heavy Metals
    - 71-010464
  - Management/Research--Marine
    - 71-013242
    - 71-013273
    - 71-013298
    - 71-013302
    - 71-013309
  - Management/Research/Marine
    - 71-013298
  - Mercury
    - 71-010464
  - Nets/Netting
    - 71-012547
  - Oxygen
    - 71-002586
  - Population Studies
    - 71-012802
  - Salinity
    - 71-002586
  - Swimming Performance
    - 71-002586
- Thunnus obesus
  - Age/Length Composition
    - 71-013303
  - Foods/Feeding
    - 71-006796
  - Trophic Relationships
    - 71-006796
- Thunnus thynnus
  - Amino Acids
    - 71-002183
  - Biochemical Composition
    - 71-002183
  - Cardio-Vascular System
    - 71-002814
  - Length-Weight Relationships
    - 71-007371
  - Marking/Tagging
    - 71-012307
- Thunnus thynnus thynnus
  - Cardio-Vascular System
    - 71-002790
  - Lactate Levels
    - 71-002790
- Thymallus arcticus
  - Age/Growth
    - 71-005549
  - Aggressive Behavior
    - 71-005155
  - Benzene
    - 71-011157
  - Blood Chemistry
    - 71-002376
  - Early Development
    - 71-005156
  - Genetics
    - 71-004699
  - Life History/General
    - 71-005549

...CONTINUED...

- Thymallus arcticus
  - Oil
    - 71-011157
  - Parasites/Diseases
    - 71-009997
  - Tetraonchus rauschi
    - 71-009997
  - Trematodes
    - 71-009997
  - Tuberculation
    - 71-001688
- Thymallus arcticus baicalensis
  - Electrophysiology
    - 71-003503
    - 71-003636
  - Exercise
    - 71-003502
  - Metabolic Rates
    - 71-004125
    - 71-004126
  - Musculature
    - 71-003636
  - Phenols
    - 71-010972
  - Swimming Performance
    - 71-003636
    - 71-004125
  - Temperature
    - 71-004125
- Thymallus arcticus nigrescens
  - Blood Chemistry
    - 71-003922
- Thymallus thymallus
  - Age/Growth
    - 71-005857
    - 71-007673
  - Blood Chemistry
    - 71-004791
  - Electrophoresis
    - 71-004791
  - Foods/Feeding
    - 71-005857
  - Karyotypes
    - 71-004783
  - Marking/Tagging
    - 71-012309
  - Olfaction
    - 71-004974
  - Orientation/Homing
    - 71-004974
- Thysanactis dentex
  - Bioluminescence
    - 71-005118
- Tiaroga cobitis
  - Foods/Feeding
    - 71-007220
- Tilapia
  - Bioassay Techniques
    - 71-003980
  - Biofiltration
    - 71-000624
  - Blood Chemistry
    - 71-002404
  - Cardio-Vascular System
    - 71-003980
  - Carotenoids
    - 71-003490
  - Competition
    - 71-005965
  - Culture/Propagation
    - 71-000301
    - 71-000306
    - 71-000307
    - 71-000346
    - 71-000349
    - 71-000368
    - 71-000386
    - 71-000414
    - 71-000414
    - 71-000438
    - 71-000450
    - 71-000474
    - 71-000481
    - 71-000489
    - 71-000521
    - 71-000624
    - 71-000702
    - 71-004648
    - 71-007344
    - 71-009683
  - Digestive System/Bacterial Flora
    - 71-003932
  - Feeding Experiments
    - 71-000306
    - 71-000349
    - 71-000349
    - 71-000474
    - 71-000702
    - 71-000702
  - Feeds
    - 71-000702
  - Fertilization/Soil and Water
    - 71-000349
    - 71-012662
  - Filming Amine
    - 71-011111
  - Fin Clipping
    - 71-012356
  - Fish as Food
    - 71-013332
  - Fish Control/Removal
    - 71-012294
  - Foods/Feeding
    - 71-007344
  - Gills
    - 71-001546
  - Harvest
    - 71-006024

...CONTINUED...

- Tilapia
  - Heated Water
    - 71-000481
    - 71-000481
  - Hybridization
    - 71-000368
    - 71-000521
  - Immune Hypersensitivity
    - 71-009683
  - Insecticides
    - 71-000306
    - 71-000307
  - Monosex Culture
    - 71-000346
    - 71-000346
    - 71-000368
    - 71-000450
    - 71-000521
    - 71-004648
  - Morpholine
    - 71-011111
  - Osmoregulation
    - 71-001546
  - Oxygen Consumption
    - 71-000489
  - Parasites/Diseases
    - 71-009683
  - Pigmenters
    - 71-000438
  - Pituitary
    - 71-001897
  - Polyculture
    - 71-000306
    - 71-000386
    - 71-000474
    - 71-007344
  - Pond Culture
    - 71-000301
    - 71-000306
    - 71-000307
    - 71-000368
    - 71-000368
    - 71-000386
    - 71-000474
    - 71-000489
    - 71-000489
    - 71-000521
    - 71-000521
  - Population Studies
    - 71-005965
  - Power Plant Effluents
    - 71-011111
  - Predator/Prey Relationships
    - 71-006805
  - Production
    - 71-000301
    - 71-000301
  - Recirculating Systems
    - 71-000624
  - Seines
    - 71-012591
  - Sex Determination
    - 71-004533
  - Sex Reversal
    - 71-004648
  - Status/California
    - 71-007980
    - 71-007980
  - Status/Florida
    - 71-006024
  - Unisex Populations
    - 71-004648
- Tilapia aurea
  - Age/Growth
    - 71-005964
  - Ammonia
    - 71-011272
  - Biofiltration
    - 71-000332
  - Competition
    - 71-008394
  - Cortisol
    - 71-004198
    - 71-004474
  - Culture/Propagation
    - 71-000300
    - 71-000302
    - 71-000303
    - 71-000403
    - 71-000420
    - 71-000422
    - 71-000499
    - 71-000503
    - 71-000513
    - 71-000519
    - 71-000520
    - 71-000541
    - 71-000723
    - 71-000816
    - 71-000898
    - 71-000902
    - 71-003036
    - 71-012646
  - DDT
    - 71-010706
  - Diets
    - 71-000723
  - Distribution/Geographical
    - 71-008128
  - Endocrinology
    - 71-004474
    - 71-004475
  - Feeding Experiments
    - 71-000723
    - 71-000723
    - 71-000816
    - 71-000902

...CONTINUED...
- Tilapia aurea
  - Feeds
    - 71-000902
  - Fertilization/Soil and Water
    - 71-000422
    - 71-000520
    - 71-012646
  - Foods/Feeding
    - 71-007250
  - Foods/Feeding/Selectivity
    - 71-007249
  - Gills
    - 71-010706
  - Heated Water
    - 71-000420
    - 71-000420
  - Hormones
    - 71-000403
    - 71-004199
  - Insecticides
    - 71-010706
    - 71-010925
  - Management/Research--Ponds
    - 71-013019
  - Monosex Culture
    - 71-000303
    - 71-000403
    - 71-000403
    - 71-000499
    - 71-000503
  - Organochlorines
    - 71-010925
  - Polyculture
    - 71-000300
    - 71-000513
  - Polyploidy
    - 71-000541
  - Pond Culture
    - 71-000422
    - 71-000519
    - 71-000520
    - 71-000520
    - 71-012646
  - Population Studies
    - 71-005964
    - 71-005964
    - 71-013019
  - Predator/Prey Relationships
    - 71-000513
    - 71-013019
  - Raceway Culture
    - 71-000300
  - Recirculating Systems
    - 71-000332
  - Reproduction
    - 71-004199
  - Sex Reversal
    - 71-000302
    - 71-000303
    - 71-000503
    - 71-003036
  - Steroids
    - 71-004475
  - Stocking Rates
    - 71-000519
    - 71-000519
  - Stocking/Introductions
    - 71-013019
    - 71-013019
  - Supplemental Feeding
    - 71-000898
  - Temperature
    - 71-002433
- Tilapia galilaea
  - Age/Growth
    - 71-006023
  - Foods/Feeding
    - 71-006935
    - 71-007250
  - Population Studies
    - 71-006023
  - Production
    - 71-006087
  - Trophic Relationships
    - 71-006087
- Tilapia grahami
  - Distribution/Vertical
    - 71-006737
  - Habitat Selection
    - 71-006737
  - Standing Crop
    - 71-006737
  - Trophic Relationships
    - 71-006737
- Tilapia leucosticta
  - Condition Factors
    - 71-006511
  - Contracaecum
    - 71-009783
  - Early Development
    - 71-002864
  - Length-Weight Relationships
    - 71-006511
  - Nematodes
    - 71-009783
  - Parasites/Diseases
    - 71-009783
  - Spawning
    - 71-006511
  - Vision
    - 71-002769
    - 71-002864
- Tilapia macrocephala
  - Auditory Senses
    - 71-001541
  - Skeletal System
    - 71-004374
- Tilapia mariae
  - Aggressive Behavior
    - 71-005379

...CONTINUED...
- Tilapia mariae
  - Aggressive Behavior
    - 71-005380
  - Distribution/Geographical
    - 71-007799
  - Ecology
    - 71-007799
  - Social Behavior
    - 71-005380
- Tilapia mossambica
  - Abate
    - 71-010551
    - 71-011097
  - Abnormalities
    - 71-001632
  - Age/Growth
    - 71-007392
    - 71-007643
  - Amino Acids
    - 71-007392
  - Anesthetics
    - 71-000990
    - 71-010797
    - 71-011383
    - 71-011384
    - 71-011385
  - Aquatic Plant Control
    - 71-003256
  - Benzocaine Hydrochloride
    - 71-010797
  - Biochemical Composition
    - 71-000946
  - Bioenergetics
    - 71-003554
  - Blood Chemistry
    - 71-002930
    - 71-003766
  - Brooding Behavior
    - 71-005352
  - Carotenoids
    - 71-003359
  - Coloration
    - 71-003359
  - Cortisol
    - 71-002161
  - Culture/Propagation
    - 71-000382
    - 71-000582
    - 71-000817
    - 71-000818
    - 71-000946
    - 71-000990
    - 71-002728
  - Diazinon
    - 71-010765
  - Digestion Rates
    - 71-002728
  - Electrical Communication
    - 71-005149
  - Endocrinology
    - 71-002018
    - 71-002161
    - 71-002390
    - 71-002674
    - 71-002754
    - 71-002755
    - 71-002761
    - 71-003433
    - 71-003655
    - 71-003859
    - 71-004271
    - 71-004402
  - Enzymes
    - 71-003464
  - Fecundity
    - 71-003554
    - 71-006247
  - Feeding Experiments
    - 71-000817
    - 71-000818
    - 71-000946
    - 71-002728
    - 71-002728
    - 71-003555
  - Fenitrothion
    - 71-011006
  - Foods/Feeding
    - 71-002306
    - 71-006797
    - 71-007087
  - Growth Stimulants
    - 71-002449
    - 71-002754
    - 71-002761
  - Heavy Metals
    - 71-010728
    - 71-011212
  - Hormones
    - 71-002390
    - 71-002674
    - 71-002754
    - 71-002755
    - 71-002761
    - 71-003433
    - 71-003434
  - Immune Response
    - 71-003925
  - Insecticides
    - 71-010551
    - 71-010765
    - 71-011097
    - 71-011302
    - 71-011303
  - Life History/General
    - 71-005510
  - Locomotion
    - 71-005182

...CONTINUED...
- Tilapia mossambica
  - Malathion
    - 71-011302
    - 71-011303
  - Maturation
    - 71-006515
  - Mercury
    - 71-010728
    - 71-011212
  - Metabolic Rates
    - 71-002400
    - 71-003555
    - 71-003854
  - Methallibure
    - 71-011027
  - Molluscicides
    - 71-011096
  - Monosex Culture
    - 71-000382
  - Mortality Factors
    - 71-010514
  - MS-222
    - 71-010797
    - 71-011383
    - 71-011384
    - 71-011385
  - N-tritylmorpholine
    - 71-011096
  - Nutrition
    - 71-000695
    - 71-002306
  - Organophosphates
    - 71-010551
    - 71-011006
    - 71-011302
    - 71-011303
  - Osmoregulation
    - 71-002159
    - 71-002160
    - 71-003434
    - 71-004379
    - 71-004380
    - 71-004402
  - Parasites/Diseases
    - 71-009011
    - 71-009276
    - 71-009327
  - Pesticides
    - 71-011006
  - Polyculture
    - 71-000582
  - Pond Culture
    - 71-000582
  - Protozoan Diseases
    - 71-009276
    - 71-009327
  - Radiation
    - 71-011239
  - Reproduction
    - 71-003859
    - 71-006247
    - 71-011239
  - Respiratory System
    - 71-003360
  - Salinity
    - 71-003434
  - Social Behavior
    - 71-005351
    - 71-005378
  - Sound Production
    - 71-005149
  - Spawning
    - 71-005378
    - 71-006247
    - 71-006487
    - 71-006514
    - 71-006515
    - 71-006516
  - Stocking/Introductions
    - 71-012407
  - Sumithion
    - 71-011006
  - Swimbladder
    - 71-002599
  - Temperature
    - 71-000990
    - 71-000990
    - 71-002400
    - 71-003555
    - 71-010514
  - Trophic Relationships
    - 71-007087
  - Trypanosoma choudhuryi
    - 71-009327
- Tilapia nigra
  - Endocrinology
    - 71-003080
- Tilapia nilotica
  - Acoustico-Lateralis System
    - 71-001814
  - Age/Growth
    - 71-004822
    - 71-004823
    - 71-007559
  - Cage Culture
    - 71-000484
    - 71-000753
  - Calorific Values
    - 71-003528
  - Carotenoids
    - 71-003204
  - Culture/Propagation
    - 71-000302
    - 71-000303
    - 71-000312
    - 71-000354
    - 71-000381
    - 71-000381
    - 71-000435

...CONTINUED...
- Tilapia nilotica
  - Culture/Propagation
    - 71-000484
    - 71-000503
    - 71-000518
    - 71-000727
    - 71-000753
  - Digestive System/Bacterial Flora
    - 71-004144
  - Excretory System
    - 71-002172
  - Fecundity
    - 71-006185
  - Feeding Experiments
    - 71-000354
    - 71-000727
    - 71-000753
  - Feeds
    - 71-000727
  - Fertilization/Soil and Water
    - 71-000435
    - 71-000435
    - 71-000518
  - Fins
    - 71-001570
  - Genetics
    - 71-004823
  - Hormones
    - 71-004192
  - Induced Maturation
    - 71-000312
  - Maturation
    - 71-006185
  - Metabolic Rates
    - 71-003557
    - 71-003558
    - 71-005226
  - Monosex Culture
    - 71-000303
    - 71-000503
  - Polyculture
    - 71-000354
  - Pond Culture
    - 71-000518
    - 71-000518
  - Reproduction
    - 71-000312
  - Respiration
    - 71-003451
  - Selective Breeding
    - 71-004822
  - Sex Reversal
    - 71-000302
    - 71-000302
    - 71-000303
    - 71-000303
    - 71-000503
    - 71-004192
    - 71-004192
  - Temperature
    - 71-002433
  - Territorial Behavior
    - 71-005226
- Tilapia rendalli
  - Age/Growth
    - 71-006006
    - 71-007417
    - 71-007560
  - Biochemical Composition
    - 71-002403
  - Condition Factors
    - 71-002403
  - Metabolic Rates
    - 71-002399
    - 71-002401
  - Molluscicides
    - 71-010699
  - Mortality Rates
    - 71-006006
  - Pressure Effects
    - 71-002402
  - Production
    - 71-006006
  - Salinity
    - 71-004393
  - Starvation
    - 71-002401
  - TBTO
    - 71-010699
  - Temperature
    - 71-002399
    - 71-004393
    - 71-007417
- Tilapia sparrmanii
  - Pressure Effects
    - 71-002402
- Tilapia spilurus
  - Parasites/Diseases
    - 71-009664
  - Tumors
    - 71-009664
- Tilapia squamipinnis
  - Life History/General
    - 71-005496
  - Schooling Behavior
    - 71-005496
  - Territorial Behavior
    - 71-005496
- Tilapia vulcani
  - Temperature
    - 71-002433
- Tilapia zillii
  - Age/Growth
    - 71-003817
  - Amino Acids
    - 71-003506
  - Culture/Propagation
    - 71-000813

...CONTINUED...
Tilapia zillii
  Diets
    71-000813
  Digestive System
    71-002334
  Endocrinology
    71-003387
  Feeding Experiments
    71-000813
  Foods/Feeding
    71-002334
    71-007251
    71-012901
  Hormones
    71-004488
  Management/Research--Lakes
    71-012901
  Parasites/Diseases
    71-009276
  Protozoan Diseases
    71-009276
  Reproduction
    71-004488
  Reproductive System
    71-004487
  Sex Reversal
    71-004415
  Spawning
    71-006485
  Sterilization
    71-001025
  Steroids
    71-004488
  Temperature
    71-002937
    71-003817
Tinca tinca
  Age/Growth
    71-007458
  Amino Acids
    71-002393
  Cardio-Vascular System
    71-002964
  Culture/Propagation
    71-000542
  Endocrinology
    71-004205
  Olfaction
    71-004968
  Potassium
    71-010750
  Reproduction
    71-002566
  Reproductive System
    71-002565
    71-006508
  Respiration
    71-003849
  RNA
    71-002566
  Season
    71-003849
  Spawning
    71-000542
    71-006373
    71-006508
  Temperature
    71-003849
Tor
  Culture/Propagation
    71-000961
  Foods/Feeding
    71-006848
  Transportation
    71-000961
    71-000961
Tor khudree
  Culture/Propagation
    71-000417
  Taste Reception
    71-001697
Tor putitora
  Karyotypes
    71-004664
  Triploid Fish
    71-004664
Tor tambroides
  Culture/Propagation
    71-000529
Tor tor
  Life History/General
    71-005560
Torpedo
  Electric Organs
    71-002216
    71-002615
    71-003892
Torpedo californica
  Biochemical Composition
    71-002264
  Electric Organs
    71-006799
  Foods/Feeding
    71-006799
Torpedo marmorata
  Amino Acids
    71-002518
    71-002519
  Electric Organs
    71-002518
    71-003309
    71-003536
  Electroreception
    71-002125
  Fins
    71-001469
  Hypoxia
    71-003057

...CONTINUED...
Torpedo marmorata
  Life History/General
    71-005520
  Metabolic Rates
    71-003059
  Respiration
    71-003059
Torpedo nobiliana
  Nervous System
    71-001430
Torpedo ocellata
  Age/Growth
    71-005745
  Electric Organs
    71-005745
  Electroreception
    71-002125
  Foods/Feeding
    71-005745
Torquiginer glaber
  Gills
    71-001485
Toxotes
  Foods/Feeding
    71-005222
  Spitting
    71-005222
Toxotes chatareus
  Auto-Shaping
    71-005434
  Foods/Feeding
    71-004971
    71-005434
  Spitting
    71-004971
    71-005434
Trachelyichthys exilis
  New Species
    71-008602
Trachichthyidae
  Fish Lists/Keys
    71-008723
  Identification
    71-008723
Trachinotus carolinus
  Culture/Propagation
    71-000594
    71-000595
    71-000658
  Foods/Feeding
    71-006766
  Induced Maturation
    71-000594
    71-000594
  Parasites/Diseases
    71-008955
  Polyculture
    71-000658
  Spawning Cycle Regulation
    71-000595
    71-000595
Trachinotus falcatus
  Bicotylophora baeri
    71-009623
  Parasites/Diseases
    71-009623
  Trematodes
    71-009623
Trachinus draco
  Toxins
    71-003488
Trachinus vipera
  Habitat Selection
    71-005169
Trachipteridae
  New Species
    71-008763
  Taxonomy
    71-008763
Trachonurus villosus
  Distribution/Geographical
    71-008191
Trachurus
  Parasites/Diseases
    71-009644
  Taxonomy
    71-008705
    71-008781
  Trematodes
    71-009644
Trachurus declivis
  Age/Growth
    71-007498
    71-007663
  Blood Chemistry
    71-002785
  Electrophoresis
    71-002785
Trachurus indicus
  Distribution/Geographical
    71-008704
  Taxonomy
    71-008704
Trachurus japonicus
  Biochemical Composition
    71-003134
  Foods/Feeding
    71-006994
Trachurus mediterraneus ponticus
  Abundance/Factors of
    71-008310
  Abundance/Factors of
    71-008397
  Biosorption
    71-004515
  Foods/Feeding
    71-007238
Trachurus murphyi
  Age/Growth
    71-002424

...CONTINUED...
Trachurus murphyi
  Bioenergetics
    71-002424
Trachurus novaezelandiae
  Blood Chemistry
    71-002785
  Electrophoresis
    71-002785
Trachurus picturatus picturatus
  Population Studies
    71-006106
Trachurus symmetricus
  Blood Chemistry
    71-003848
  Distribution/Vertical
    71-006634
  Fecundity
    71-006393
  Foods/Feeding/Selectivity
    71-006768
  Schooling Behavior
    71-006634
  Starvation
    71-004208
    71-004208
Trachurus symmetricus murphyi
  Foods/Feeding
    71-007044
  Maturation
    71-006502
  Morphology
    71-001685
Trachurus trachurus
  Age/Growth
    71-005717
  Cardio-Vascular System
    71-002814
  Maturity
    71-006499
  Movements
    71-005717
  Reproductive System
    71-001825
  Spawning
    71-006499
    71-006499
  Variation Studies
    71-004585
Trachycorystes insignis
  Nematodes
    71-009639
  Parasites/Diseases
    71-009639
  Spirocamallanus
    71-009639
Traenodon obesus
  Spawning
    71-006341
Trematomus
  Fecundity
    71-006387
Trematomus bernacchi
  Antifreeze Production
    71-003855
Trematomus bernacchii
  Antifreeze Production
    71-003855
  ATP
    71-004378
  Blood Chemistry
    71-004378
  Foods/Feeding
    71-005754
  Metabolic Rate
    71-004378
  Reproduction
    71-006177
  Spawning
    71-005754
    71-006177
Trematomus borchgrevinki
  ATP
    71-004378
  Blood Chemistry
    71-004378
  Metabolic Rates
    71-004378
  Respiration
    71-003864
Trematomus lonnbergi
  Respiration
    71-003864
Trematomus tokarevi
  Taxonomy
    71-008457
Triaenodon obesus
  Skeletal System
    71-001665
Triakidae
  Acoustic Behavior
    71-004928
  Sound Production
    71-004928
Triakis californica
  Distribution/Geographical
    71-007822
Triakis semifasciata
  Cardio-Vascular System
    71-003412
  Foods/Feeding
    71-007272
  Respiration
    71-003412
Tribolodon
  Taxonomy
    71-008611
Tribolodon hakonensis
  Schooling Behavior
    71-005104
Trichiuridae
  Distribution/Geographical
    71-008062

Trichiurus lepturus
  Age/Growth
    71-007564
  Dentition
    71-001801
  Foods/Feeding
    71-007081
    71-007185
Trichogaster fasciatus
  DDT
    71-011215
  Endrin
    71-011215
  Foods/Feeding
    71-005240
  Insecticides
    71-011215
  Malathion
    71-011215
  Parathion
    71-011215
  Schooling Behavior
    71-005240
Trichogaster microlepis
  Olfaction
    71-002051
Trichogaster pectoralis
  Foods/Feeding
    71-007123
Trichogaster trichopterus
  Aggressive Behavior
    71-005421
  Air Breathing
    71-002345
  Copper
    71-011283
  Corticosteroids
    71-004007
  Cortisol
    71-004007
  Foods/Feeding
    71-007123
  Heavy Metals
    71-011283
  Mercury
    71-011283
  Parasites/Diseases
    71-009276
  Protozoan Diseases
    71-009276
  Spawning
    71-006464
  Stress
    71-004007
Trichomycteridae
  Swimbladder
    71-001569
Trichopsetta ventralis
  Morphology
    71-008580
  Taxonomy
    71-008580
Trichopsis pumilus
  Sound Production
    71-005153
Trichopsis vittatus
  Sound Production
    71-005038
    71-005154
Tridentiger obscurus
  Population Studies
    71-005974
Tridentiger trigonocephalus
  Distribution/Geograph
    71-007899
Trigla africana
  Taxonomy
    71-008754
Trigla capensis
  Age/Growth
    71-005643
  Spawning
    71-005643
Trigla lyra
  Distribution/Geographical
    71-005854
  Foods/Feeding
    71-005854
  Spawning
    71-005854
Triglidae
  Distribution/Geographical
    71-005854
  Foods/Feeding
    71-005854
  Foods/Feeding/Selectivity
    71-007210
  Life History/General
    71-005710
  Spawning
    71-005854
  Trophic Relationships
    71-007210
Trigon pastinaca
  Ampullae of Lorenzini
    71-002126
  Electroreception
    71-002125
Trinectes maculatus
  Age/Growth
    71-007527
  Chlorine
    71-011083
  Distribution/Seasonal
    71-006667
  Insecticides
    71-010999
  Maturation
    71-007527

...CONTINUED...

- Trinectes maculatus
  - Mirex
    - 71-010999
  - Predator/Prey Relationships
    - 71-007310
    - 71-007312
  - Respiration
    - 71-002355
  - Temperature
    - 71-002355
- Triphoturus mexicanus
  - Acoustic Behavior
    - 71-013405
- Triphoturus nigrescens
  - Foods/Feeding
    - 71-006830
- Triportheus
  - Lipid Metabolism
    - 71-003743
- Triportheus angulatus
  - Metabolic Rates
    - 71-003020
- Tripterygiidae
  - Distribution/Geographical
    - 71-008270
    - 71-008513
  - Fish Lists/Keys
    - 71-008513
  - New Species
    - 71-008513
- Tripterygion
  - Spawning
    - 71-006568
- Tripterygion atlanticus
  - New Species
    - 71-008270
- Trisopterus
  - Diclidophora esmarkii
    - 71-009764
  - Gill Parasites
    - 71-009764
  - Parasites/Diseases
    - 71-009764
  - Trematodes
    - 71-009764
- Trisopterus esmarki
  - Distribution/Geographical
    - 71-008211
- Trisopterus esmarkii
  - Life History/General
    - 71-005614
- Trisopterus luscus
  - Foods/Feeding
    - 71-007300
- Tropheus brichardi
  - Aggressive Behavior
    - 71-005245
  - Behavior
    - 71-005245
  - Brooding Behavior
    - 71-005245
  - Spawning
    - 71-005245
- Tropheus duboisi
  - Aggressive Behavior
    - 71-005244
  - Behavior
    - 71-005244
  - Brooding Behavior
    - 71-005244
  - Spawning
    - 71-005244
- Trygonorhina fasciata guanerius
  - Blood Chemistry
    - 71-002327
    - 71-002454
- Tubbia
  - Taxonomy
    - 71-008678
- Tydemania navigatoris
  - Foods/Feeding
    - 71-007124
- Tylochromis bangwelensis
  - Age/Growth
    - 71-007468
- Tylosurus strongylurus
  - Distribution/Factors of
    - 71-006693
    - 71-008143
  - Light
    - 71-008143
  - Salinity
    - 71-006693
    - 71-006693
    - 71-008143
- Typhlichthyes subterraneous
  - Pineal Body
    - 71-001769
- Typhlonus delosommatus
  - New Species
    - 71-008631
- Ulocentra
  - Taxonomy
    - 71-008489
- Ulvaria subbifurcata
  - Identification
    - 71-008559
  - Life History/General
    - 71-005707
  - Orientation/Homing
    - 71-005031
    - 71-005040
- Umbra limi
  - Foods/Feeding
    - 71-006982
  - Metabolic Rates
    - 71-002901

...CONTINUED...

- Umbra limi
  - Predator/Prey Relationships
    - 71-007314
  - Starvation
    - 71-002901
  - Temperature
    - 71-002901
  - Vision
    - 71-001436
  - X-Rays
    - 71-011158
- Umbra pygmaea
  - Insecticides
    - 71-010592
  - Malathion
    - 71-010592
- Umbrina canariensis
  - Early Development
    - 71-001881
  - Embryology
    - 71-001881
- Uranoscopus scaber
  - Electric Organs
    - 71-002193
- Uranostoma richei
  - Age/Growth
    - 71-007474
    - 71-007475
  - Diploproctodaeum plicitum
    - 71-009984
  - Fecundity
    - 71-006299
  - Foods/Feeding
    - 71-006959
  - Inflation
    - 71-005057
  - Parasites/Diseases
    - 71-009984
  - Population Studies
    - 71-006959
  - Spawning
    - 71-006299
  - Trematodes
    - 71-009984
- Urolophus halleri
  - Cestodes
    - 71-009489
  - Parasites/Diseases
    - 71-009489
  - Rhinebothrium
    - 71-009489
- Urolophus jamaicensis
  - Cestodes
    - 71-009913
  - Parasites/Diseases
    - 71-009913
  - Phyllobothrium kingae
    - 71-009913
- Urophycis chuss
  - Foods/Feeding
    - 71-007306
  - Management/Research--Marine
    - 71-013294
  - Population Studies
    - 71-013294
- Urophycis cirratus
  - Parasites/Diseases
    - 71-009612
  - Trematodes
    - 71-009612
- Urophycis regius
  - Distribution/Seasonal
    - 71-006667
- Vaillantellinae
  - New Subfamily
    - 71-008703
- Valenciennellus tripunctulatus
  - Foods/Feeding
    - 71-006830
- Varicus marilynae
  - New Species
    - 71-008589
- Venefica
  - Distribution/Geographical
    - 71-007835
- Verasper moseri
  - Parasites/Diseases
    - 71-009846
  - Tumors
    - 71-009846
- Vimba vimba
  - Blood Chemistry
    - 71-004306
  - Hybridization
    - 71-004681
    - 71-004845
  - Karyotypes
    - 71-004788
- Vimba vimba carinata
  - Life History/General
    - 71-005885
- Vimba vimba persa
  - Spawning
    - 71-006507
- Vinciguerria lucetia
  - Fecundity
    - 71-006393
- Vinciguerria nimbaria
  - Early Development
    - 71-001931
  - Foods/Feeding
    - 71-006830
- Vomer setapinnis
  - Length-Weight
    - 71-007444
  - Length-Weight Relationships
    - 71-007444
- Wallago attu
  - Biochemical Composition
    - 71-003140

...CONTINUED...

- Wallago attu
  - Isoparorchis hypselobagri
    - 71-010007
  - Parasites/Diseases
    - 71-009370
    - 71-009371
    - 71-010007
  - Protozoan Diseases
    - 71-009370
    - 71-009371
  - Trematodes
    - 71-010007
  - Trypanosomes
    - 71-009370
    - 71-009371
- Wallagonia attu
  - Fecundity
    - 71-006198
- Xanthichthys
  - Taxonomy
    - 71-008752
- Xanthichthys caeruleolineatus
  - New Species
    - 71-008752
- Xenaploactis
  - New Genus
    - 71-008738
- Xenaploactis anopta
  - New Species
    - 71-008738
- Xenaploactis cautes
  - New Species
    - 71-008738
- Xenentoden cancila
  - Bucephalopsis karvei
    - 71-009658
  - Parasites/Diseases
    - 71-009658
  - Trematodes
    - 71-009658
    - 71-009658
- Xeneretnus leiops
  - Distribution/Geographical
    - 71-007710
- Xenoclarias
  - Life History/General
    - 71-005803
  - Taxonomy
    - 71-005603
- Xenoclarias eupogon
  - Foods/Feeding
    - 71-005603
  - Spawning
    - 71-005603
- Xenocyttus nemotoi
  - Distribution/Geographical
    - 71-008226
- Xenodermichthys
  - Integument
    - 71-001423
- Xenodermichthys copei
  - Bioluminescence
    - 71-002173
  - Spawning
    - 71-006400
- Xenoophorus
  - Taxonomy
    - 71-008567
    - 71-008568
- Xenotoca
  - Hybridization
    - 71-004610
- Xiphasia
  - Distribution/Geographical
    - 71-008787
  - Taxonomy
    - 71-008787
- Xiphias gladius
  - Cardio-Vascular System
    - 71-002814
  - Enzymes
    - 71-002186
  - Heavy Metals
    - 71-010811
  - Management/Research--Marine
    - 71-013218
  - Mercury
    - 71-010811
  - Selenium
    - 71-010811
- Xiphias glaucus
  - Aggressive Behavior
    - 71-004922
- Xiphiidae
  - Management/Research--Marine
    - 71-013229
- Xiphister
  - Spawning
    - 71-006402
- Xiphister atropurpureus
  - Habitat Selection
    - 71-005185
    - 71-005186
- Xiphophoridae
  - Parasites/Diseases
    - 71-009916
  - Tumors
    - 71-009916
- Xiphophorus
  - Electrophoresis
    - 71-004723
  - Karyotypes
    - 71-004611
  - Maturation
    - 71-002187
  - Parasites/Diseases
    - 71-009607
  - Tumors
    - 71-009607
- Xiphophorus andersi
  - New Species
    - 71-008689
- Xiphophorus helleri
  - Aggressive Behavior
    - 71-005372
  - Coloration
    - 71-001759
  - Endocrinology
    - 71-005372
  - Histology
    - 71-001673
  - Metabolic Rates
    - 71-004046
  - Oxygen
    - 71-004046
  - Pancreatic Islet
    - 71-003266
  - Sex Reversal
    - 71-002828
  - Social Behavior
    - 71-005342
  - Spawning
    - 71-006431
- Xiphophorus maculatus
  - Age/Growth
    - 71-004658
  - Coloration
    - 71-004322
  - Endocrinology
    - 71-002884
    - 71-003242
    - 71-003467
    - 71-003976
    - 71-003977
    - 71-004778
  - Fecundity
    - 71-004658
  - Genetics
    - 71-004658
    - 71-004778
  - Maturation
    - 71-003978
    - 71-004658
    - 71-005385
  - Reproduction
    - 71-004777
- Xiphophorus variatus
  - Maturation
    - 71-002294
  - Spawning
    - 71-006205
- Xyrauchen texanus
  - Distribution/Geographical
    - 71-007930
    - 71-007930
    - 71-008043
    - 71-008072
  - Predator/Prey Relationships
    - 71-007027
  - Status
    - 71-008043
- Ypsiscarus oedema
  - Distribution/Geographical
    - 71-001703
  - Morphology
    - 71-001703
- Zacco platypus
  - Habitat Selection
    - 71-005409
- Zacco temmincki
  - Schooling Behavior
    - 71-005104
- Zalembius rosaceus
  - Spawning
    - 71-006287
- Zaniolepis latipinnis
  - Distribution/Geographical
    - 71-008482
- Zebrasoma flavescens
  - Temperature
    - 71-005313
  - Temperature Selection
    - 71-005313
- Zebrus zebrus
  - Taxonomy
    - 71-008692
- Zeidae
  - Parasites/Diseases
    - 71-009955
  - Trematodes
    - 71-009955
- Zoarces viviparus
  - Alimentary Tract
    - 71-002036
  - Reproduction
    - 71-003296
- Zoarcidae
  - Distribution/Geographical
    - 71-008599
    - 71-008667
  - Haemogregarina
    - 71-009307
  - New Genus
    - 71-008548
    - 71-008561
  - New Species
    - 71-008548
    - 71-008561
    - 71-008562
  - Parasites/Diseases
    - 71-009307
  - Protozoan Diseases
    - 71-009307
  - Taxonomy
    - 71-008599
- Zu cristatus
  - Distribution/Geographical
    - 71-008099

Administrative Reports
Ala. Dep. Conserv. Nat. Resour./Annu. Rep. 1977-78.
71-011819
Atl. States Mar. Fish. Comm.
71-011824
Atl. States Mar. Fish. Comm./Annu. Rep. 1975-1
71-011823
Calif. Dep. Fish Game, Mar. Res. Comm., 1973-1975.
71-011825
Colo. Div. Wildl.
71-011827
Colo. Div. Wildl./Fish. Res. Rep. 1976-1977
71-011826
FAO of the UN
71-011831
71-011832
FAO of the UN/Advis. Comm. Mar. Resour. Res.
71-013194
71-013196
FAO of the UN/Comm. Fish.
71-011830
Fish. Comm. East. Cent. Atl.
71-013200
Fish. Environ. Can./Annu. Rep. 1977-1978
71-011834
Fish. Mar. Serv./Bien. Rep. 1974-76, West. Reg.
71-011852
Fish. Mar. Serv./Diagnostic Serv. Annu. Rep. 1975.
71-008964
Fish. Res. Board Can./Annu. Rep. 1976
71-011788
Foyle Fish. Comm./Annu. Rep. 1973-4
71-011654
Foyle Fish. Comm./Annu. Rep. 1975
71-011836
Foyle Fish. Comm./Annu. Rep. 1978
71-011835
Freshwater Biol. Assoc./Annu. Rep. 1977-78.
71-011837
Freshwater Biol. Assoc./Annu. Rep. 1976-1977.
71-011838
Gen. Fish. Counc. Mediterr.
71-011839
Gen. Fish. Counc. Mediterr./Rep. 14th
71-011828
Idaho Dep. Fish Game/Annu. Rep. 1977-78.
71-011840
Indian Ocean Fish. Comm.
71-013199
71-013203
Int. Comm. Northwest Atl. Fish./Annu. Rep. 1975/76.
71-011841
Int. Pac. Halibut Comm./Annu. Rep. 1976
71-011842
Int. Pac. Halibut Comm./Annu. Rep. 1978
71-013222
Int. Pac. Halibut Comm./Annu. Rep. 1977
71-013223
Intergov. Oceanogr. Comm.
71-010212
Israel
71-011851
Mt. Desert Island Biol. Lab.
71-011821
N. Am. Salmon Res. Cent./Annu. Rep. 1976
71-011846
N. Am. Salmon Res. Cent./Annu. Rep. 1977
71-011847
N. H. Div. Inland Mar. Fish./Annu. Rep. 1977.
71-011845
Natl. Mar. Fish. Serv.
71-011855
Natl. Mar. Fish. Serv./Annu. Rep. 1976.
71-011844
Natl. Mar. Fish. Serv./Fish Publ. Index 1965-7
71-013441
New South Wales State Fish./Annu. Rep. 1975-76.
71-011850
Organ. Econ. Co-op. Dev.
71-011718
Organ. Econ. Co-op. Dev./1979
71-011848
Pac. Mar. Fish. Comm./Annu. Rep. 1979
71-011849
Pac. Mar. Fish. Comm./Annu. Rep. 1976
71-011856
Reg. Fish. Advis. Comm. Southwest Atl., 6th Session
71-011833
Singapore Mar. Fish. Res. Dep., Annu. Rep., 1975.
71-011854
U.S. Fish Wildl. Serv.
71-000146
71-011703
71-011843
U.S. Fish Wildl. Serv. Div. Res./Annu. Rep. 1977
71-011853
U.S. Fish Wildl. Serv./Coop. Unit Prog. Annu. Rep.
71-011822

...CONTINUED...
Administrative Reports
West. Cent. Atl. Fish. Comm.
71-013193
Aquatic Plants
Agarophytes
71-000047
Algae Culture
71-000031
Cadmium
71-011107
Chondrus crispus
71-000015
Control/Aeration
71-000020
Control/Algae
71-000017
71-000020
Control/Biological
71-000001
71-000010
71-000011
71-000018
71-000021
71-000022
71-000023
71-000028
71-000035
71-000036
71-000043
71-000044
71-000045
71-000046
71-000048
71-000299
71-000998
71-001031
71-003256
71-005961
71-006835
71-008302
71-012406
Control/Chemical
71-000002
71-000012
71-000013
71-000027
71-000032
71-000033
71-000034
71-000038
71-000039
71-000041
71-010642
71-011353
71-011478
71-011606
Control/Copper Sulphate
71-000027
Control/General
71-000003
71-000005
71-000007
71-000019
71-000024
71-000026
71-000042
Control/Gramoxone
71-000032
Control/Karmex
71-000020
Control/Mechanical
71-000008
71-000009
Control/Simazine
71-000039
Control/Water Levels
71-000014
Control/2,4-D
71-000032
71-000034
Cutrine
71-000038
Eichhornia crassipes
71-000012
71-000013
71-000034
71-000046
71-012840
Eleocharis dulcis
71-000432
Heavy Metals
71-011107
Infrared Mapping
71-000037
Kelp
71-000006
Laminaria
71-000016
Lead
71-011107
Macrocystis
71-000030
Myriophyllum spicatum
71-000004
71-008308
Piscicides
71-011594
Pistia stratiotes
71-000033
Plant Lists/Chesapeake Bay
71-000040
Plant Succession
71-000025
Seaweed Culture
71-000016
71-000029
71-000030
71-000047
TFM
71-011594

...CONTINUED...
Aquatic Plants
Toxic Algae
71-010006
71-010524
71-010579
Typha
71-000024
Zostera marina
71-005893
71-005894
71-006749
Behavior
Acoustic Behavior
71-004928
Acoustico-Lateralis System
71-003939
71-005268
Activity Patterns
71-003215
71-004870
71-004884
71-004937
71-004952
71-004956
71-005029
71-005050
71-005054
71-005074
71-005075
71-005124
71-005125
71-005129
71-005138
71-005142
71-005174
71-005234
71-005303
71-005311
71-005315
71-005319
71-005322
71-005325
71-005337
71-005362
71-006594
71-006610
71-011065
Aestivation
71-002561
71-005279
Aggressive Behavior
71-004888
71-004892
71-004902
71-004918
71-004922
71-004927
71-004930
71-004935
71-004940
71-004943
71-004970
71-004976
71-004979
71-005003
71-005004
71-005021
71-005033
71-005035
71-005045
71-005055
71-005067
71-005072
71-005076
71-005088
71-005090
71-005098
71-005099
71-005101
71-005113
71-005141
71-005143
71-005155
71-005218
71-005223
71-005224
71-005244
71-005245
71-005254
71-005271
71-005277
71-005340
71-005345
71-005372
71-005379
71-005380
71-005390
71-005415
71-005416
71-005421
71-005427
71-005443
71-005449
71-005450
71-005452
71-005457
71-006445
71-010887
Air Breathing
71-005000
71-007313
Alarm Reaction
71-005063
71-005122
71-005383
Amino Acids
71-006931
71-006932

...CONTINUED...
Behavior
Attacks on Humans
71-004879
71-004965
71-005023
Auditory Senses
71-001887
71-001888
71-002682
71-004931
71-005001
71-005013
71-005069
71-005094
71-005146
71-005147
71-005148
71-005291
71-005359
71-012317
Auto-Shaping
71-004923
71-005434
Bioluminescence
71-005118
Brooding Behavior
71-004904
71-004941
71-004951
71-005208
71-005209
71-005244
71-005245
71-005278
71-005306
71-005331
71-005332
71-005352
71-005382
71-006207
71-006460
Buoyancy Adjustment
71-004219
71-004903
71-005018
71-005082
71-005177
71-005330
71-005424
71-005425
Burrowing Behavior
71-003846
71-004883
71-004946
71-005046
71-005272
71-005477
Camouflage
71-001935
Cannibalism
71-004966
71-005461
71-006845
71-007327
71-012733
Chemoreception
71-003478
71-004933
71-005047
71-005214
71-005335
71-006820
Circadian Rhythms
71-005126
71-005127
71-005128
71-005317
Cleaning Behavior
71-004869
71-005085
71-005086
71-005109
71-005414
Coloration
71-005163
Commensalism
71-005272
Communication
71-004943
71-004954
71-005014
71-005122
71-005243
71-005295
71-005347
71-005348
71-005386
71-005399
71-005419
Competition
71-000886
71-004876
71-005009
71-005167
71-005340
Counting Ability
71-005077
Defensive Behavior
71-005024
71-005360
71-005431
71-012571
Drugs
71-005260
Early Development
71-004972
Electric Behavior
71-004890

...CONTINUED...
Behavior
  Electric Organs
   71-004220
   71-004885
   71-004891
   71-004894
   71-004901
   71-005002
   71-005014
   71-005150
   71-005158
   71-005194
   71-005232
   71-005449
   71-005450
   71-005752
   71-006799
  Electrical Communication
   71-005036
   71-005091
   71-005092
   71-005093
   71-005149
   71-005151
   71-005448
  Electrotaxis
   71-004959
   71-005456
  Escape Behavior
   71-005437
   71-012561
   71-012570
  Feeding Behavior
   71-005107
  Fishing Gear
   71-012571
  Foods/Feeding
   71-005107
   71-005222
   71-006847
   71-006856
   71-006995
   71-007022
   71-007023
   71-007054
   71-007067
   71-007077
   71-007140
   71-007159
   71-007181
   71-007281
   71-007289
   71-007329
  Fright Behavior
   71-003795
   71-004946
   71-005162
   71-005191
   71-005284
   71-005285
   71-005384
   71-006425
  General
   71-005114
   71-005301
  Habitat Selection
   71-004252
   71-004253
   71-004871
   71-004876
   71-004878
   71-004886
   71-004893
   71-004916
   71-004917
   71-004934
   71-004938
   71-004939
   71-004964
   71-004969
   71-005009
   71-005021
   71-005027
   71-005042
   71-005052
   71-005065
   71-005096
   71-005097
   71-005105
   71-005121
   71-005140
   71-005152
   71-005165
   71-005167
   71-005175
   71-005181
   71-005183
   71-005185
   71-005195
   71-005196
   71-005197
   71-005198
   71-005207
   71-005211
   71-005228
   71-005229
   71-005233
   71-005258
   71-005261
   71-005287
   71-005290
   71-005354
   71-005356
   71-005367
   71-005371
   71-005393
   71-005400
   71-005401

...CONTINUED...
Behavior
  Habitat Selection
   71-005405
   71-005409
   71-005432
   71-005445
   71-005446
   71-005509
   71-005577
   71-005723
   71-006097
   71-006123
   71-006626
   71-006680
   71-006919
   71-007074
   71-007322
   71-008080
   71-008167
   71-008238
   71-008331
   71-011963
   71-012526
   71-012856
   71-013140
  Hatching Behavior
   71-004973
  Imprinting
   71-005071
   71-005370
  Inflation
   71-005057
  Inverted Swimming
   71-005453
  Laser Beams
   71-005157
  Leaping Behavior
   71-005146
   71-005406
  Learning
   71-002675
   71-005077
   71-005256
   71-011329
  Locomotion
   71-001854
   71-001855
   71-002263
   71-002281
   71-004897
   71-004905
   71-004906
   71-004907
   71-004962
   71-004982
   71-004989
   71-004990
   71-005012
   71-005026
   71-005048
   71-005079
   71-005123
   71-005182
   71-005205
   71-005242
   71-005264
   71-005265
   71-005280
   71-005296
   71-005343
   71-005357
   71-005413
   71-005419
   71-005420
   71-005429
   71-005433
   71-005436
   71-005439
   71-005441
   71-005459
   71-005460
  Magnetic Fields
   71-005144
  Memory
   71-005166
   71-005391
  Mimicry
   71-005081
   71-005206
   71-005350
   71-005461
   71-007181
  Movements
   71-012387
  Nervous System
   71-002526
  Olfaction
   71-004910
   71-004911
   71-004912
   71-004913
   71-004932
   71-004954
   71-004968
   71-004974
   71-005020
   71-005032
   71-005066
   71-005084
   71-005112
   71-005274
   71-005299
   71-005373
   71-005403
   71-005795
   71-006855
   71-006931
  Orientation/Homing
   71-003186

...CONTINUED...
Behavior
  Orientation/Homing
   71-003189
   71-004630
   71-004877
   71-004910
   71-004911
   71-004913
   71-004953
   71-004974
   71-005015
   71-005031
   71-005034
   71-005040
   71-005066
   71-005095
   71-005117
   71-005144
   71-005173
   71-005188
   71-005238
   71-005266
   71-005298
   71-005364
   71-005368
   71-005370
   71-005373
   71-005447
   71-006233
   71-006234
   71-006235
   71-006291
   71-006300
   71-006355
   71-006408
   71-006434
   71-006436
   71-006466
   71-006496
   71-006548
   71-006670
   71-006691
  Parasitic Behavior
   71-007112
  Pheromones
   71-004909
  Photoperiodism
   71-005324
  Phototropism
   71-004977
   71-005192
   71-005353
  Predator/Prey Relationships
   71-005441
  Rheotropism
   71-004880
   71-004996
   71-005048
   71-005200
   71-005273
   71-005274
   71-005407
   71-010756
  Schooling Behavior
   71-002270
   71-003739
   71-004873
   71-004924
   71-004929
   71-004960
   71-004961
   71-004992
   71-005104
   71-005110
   71-005159
   71-005180
   71-005184
   71-005213
   71-005227
   71-005232
   71-005240
   71-005257
   71-005268
   71-005269
   71-005270
   71-005288
   71-005289
   71-005300
   71-005336
   71-005374
   71-005375
   71-005376
   71-005377
   71-005389
   71-005431
   71-005437
   71-005496
   71-005723
   71-006634
   71-006995
   71-007084
   71-007085
   71-007289
   71-011525
   71-012723
  Seed Dispersal
   71-002842
  Segregation
   71-006591
  Settling Behavior
   71-005102
   71-005412
  Sexual Dichromism
   71-005216
  Size Hierarchies
   71-005111
  Social Behavior
   71-002192

...CONTINUED...
Behavior
  Social Behavior
   71-004411
   71-004887
   71-004889
   71-004980
   71-004995
   71-005128
   71-005176
   71-005179
   71-005189
   71-005190
   71-005210
   71-005230
   71-005231
   71-005342
   71-005351
   71-005378
   71-005380
   71-005385
   71-005405
   71-005451
   71-005838
  Social Behavior/Evolution
   71-004999
  Sound Production
   71-001622
   71-004986
   71-005006
   71-005007
   71-005008
   71-005038
   71-005051
   71-005070
   71-005147
   71-005149
   71-005153
   71-005154
   71-005187
   71-005243
   71-005249
   71-005250
   71-005339
   71-005347
   71-005399
   71-005410
   71-006210
  Spatial Overlap
   71-004872
  Spawning Behavior
   71-002192
   71-004915
   71-004997
   71-004998
   71-005004
   71-005051
   71-005106
   71-005115
   71-005183
   71-005189
   71-005212
   71-005244
   71-005245
   71-005247
   71-005276
   71-005342
   71-005390
   71-005399
   71-005458
   71-006048
   71-006184
   71-006190
   71-006191
   71-006203
   71-006205
   71-006211
   71-006226
   71-006232
   71-006241
   71-006242
   71-006249
   71-006252
   71-006260
   71-006265
   71-006267
   71-006272
   71-006273
   71-006292
   71-006303
   71-006304
   71-006308
   71-006316
   71-006341
   71-006349
   71-006351
   71-006363
   71-006364
   71-006376
   71-006385
   71-006386
   71-006402
   71-006411
   71-006431
   71-006440
   71-006445
   71-006451
   71-006456
   71-006464
   71-006472
   71-006480
   71-006482
   71-006487
   71-006514
   71-006515
   71-006516
   71-006538
   71-006539
   71-006552

...CONTINUED...

- Behavior
  - Spawning Behavior
    - 71-006554
    - 71-006568
    - 71-006570
  - Spawning Migration
    - 71-005015
    - 71-006355
    - 71-006408
    - 71-006510
  - Spawning Suppression
    - 71-006520
  - Species Discrimination
    - 71-005044
  - Spitting
    - 71-004971
    - 71-005222
    - 71-005434
  - Startle Response
    - 71-004984
    - 71-005462
  - Striking Behavior
    - 71-005058
    - 71-005435
  - Swimming Performance
    - 71-000218
    - 71-001991
    - 71-002858
    - 71-003205
    - 71-004052
    - 71-004908
    - 71-004978
    - 71-004981
    - 71-005068
    - 71-005073
    - 71-005080
    - 71-005205
    - 71-005215
    - 71-005241
    - 71-005242
    - 71-005296
    - 71-005349
    - 71-005366
    - 71-005396
    - 71-005402
    - 71-005408
    - 71-005423
    - 71-005429
    - 71-005438
    - 71-005440
    - 71-005442
    - 71-005444
    - 71-012682
  - Taste Reception
    - 71-001671
    - 71-002388
    - 71-004932
    - 71-005120
    - 71-005170
    - 71-005308
    - 71-006931
  - Techniques/Activity Patterns
    - 71-005305
  - Techniques/Auditory Senses
    - 71-005358
  - Techniques/General
    - 71-005049
    - 71-005246
  - Techniques/Light
    - 71-013371
  - Techniques/Locomotion
    - 71-005030
    - 71-005259
    - 71-005392
  - Techniques/Orientation
    - 71-005326
  - Techniques/Photoperiodism
    - 71-005161
  - Techniques/Salinity
    - 71-005011
  - Techniques/Schooling
    - 71-013424
  - Techniques/Television
    - 71-005053
  - Techniques/Temperature Selection
    - 71-005193
    - 71-005204
    - 71-005220
    - 71-005236
    - 71-005251
  - Temperature Selection
    - 71-002295
    - 71-002431
    - 71-004052
    - 71-004261
    - 71-004287
    - 71-004895
    - 71-004897
    - 71-004899
    - 71-004900
    - 71-004936
    - 71-004944
    - 71-004947
    - 71-004948
    - 71-004950
    - 71-004955
    - 71-004957
    - 71-004967
    - 71-004993
    - 71-004994
    - 71-005016
    - 71-005017
    - 71-005022
    - 71-005039
    - 71-005041
    - 71-005060
    - 71-005061
    - 71-005062

...CONTINUED...

- Behavior
  - Temperature Selection
    - 71-005116
    - 71-005127
    - 71-005160
    - 71-005164
    - 71-005202
    - 71-005203
    - 71-005217
    - 71-005219
    - 71-005237
    - 71-005281
    - 71-005282
    - 71-005283
    - 71-005294
    - 71-005307
    - 71-005309
    - 71-005310
    - 71-005311
    - 71-005312
    - 71-005313
    - 71-005314
    - 71-005316
    - 71-005317
    - 71-005318
    - 71-005319
    - 71-005320
    - 71-005321
    - 71-005323
    - 71-005327
    - 71-005328
    - 71-005333
    - 71-005334
    - 71-005341
    - 71-005344
    - 71-005367
    - 71-005388
    - 71-005395
    - 71-005401
    - 71-005426
    - 71-005428
    - 71-005432
    - 71-005455
    - 71-005507
    - 71-005518
    - 71-007382
    - 71-009179
    - 71-010387
    - 71-010388
    - 71-010758
  - Terrestrial Grazing
    - 71-007288
  - Terrestrial Spawning
    - 71-006364
  - Territorial Behavior
    - 71-004915
    - 71-004917
    - 71-004926
    - 71-004927
    - 71-004966
    - 71-004987
    - 71-004988
    - 71-005005
    - 71-005100
    - 71-005105
    - 71-005108
    - 71-005137
    - 71-005145
    - 71-005226
    - 71-005255
    - 71-005292
    - 71-005346
    - 71-005355
    - 71-005415
    - 71-005416
    - 71-005417
    - 71-005418
    - 71-005454
    - 71-005496
    - 71-006209
  - Tonic Immobility
    - 71-005168
  - Ventral Substrate Response
    - 71-005221
  - Vision
    - 71-001375
    - 71-001450
    - 71-001593
    - 71-001624
    - 71-001744
    - 71-001778
    - 71-001899
    - 71-002699
    - 71-002902
    - 71-004874
    - 71-004875
    - 71-004881
    - 71-004882
    - 71-004921
    - 71-004963
    - 71-004983
    - 71-004985
    - 71-005037
    - 71-005043
    - 71-005103
    - 71-005119
    - 71-005130
    - 71-005131
    - 71-005132
    - 71-005133
    - 71-005134
    - 71-005135
    - 71-005136
    - 71-005225
    - 71-005252
    - 71-005253
    - 71-005268
    - 71-005302

...CONTINUED...

- Behavior
  - Vision
    - 71-005304
    - 71-005338
    - 71-005363
    - 71-005397
    - 71-005420
    - 71-005463
    - 71-007357
    - 71-012551
- Bibliographies
  - Abundance/Factors of
    - 71-013431
  - Acipenser brevirostrum
    - 71-005650
  - Bioassay Techniques
    - 71-011051
  - Brachydanio rerio
    - 71-005702
  - Can. Fish. Mar. Serv. Great Lakes Biolimnol. Lab.
    - 71-013457
  - Can. Fish. Mar. Serv./Index Spec. Estuary Ser. Vol. 1-
    - 71-013132
  - Can. Fish. Mar. Serv./Index Transl. Ser. No. 3326-3625
    - 71-013442
  - Can. Fish. Mar. Serv./Index Transl. Ser. No. 3626-3925
    - 71-013445
  - Can. Fish. Mar. Serv./Index Transl. Ser. No. 3926-4175
    - 71-012742
  - Can. Fish. Mar. Serv., Freshwater Inst., Winnipeg 1976
    - 71-013454
  - Cent. Inland Fish. Res. Inst. Barrackpore, India/Publ. 1948-
    - 71-013438
  - Channelization
    - 71-012109
  - Colo. Div. Wildl., 1941-1975
    - 71-013436
  - Culture/Propagation--Economics
    - 71-000148
  - Culture/Propagation--Warmwater
    - 71-000350
  - Early Development
    - 71-003228
  - Esox masquinongy
    - 71-012731
  - Fishery Literature
    - 71-013443
  - Fishery Textbooks
    - 71-013434
  - General
    - 71-013444
  - General/Africa
    - 71-013462
  - General/Arctic Ocean: Beaufort Sea Fishes
    - 71-013461
  - General/Canada
    - 71-013458
  - General/Canada: Saskatchewan
    - 71-013433
  - General/Canada: Yukon
    - 71-013435
  - General/Colorado River
    - 71-013004
  - General/Colorado, Northwestern
    - 71-013439
  - General/New Mexico, Northwestern
    - 71-013440
  - General/Oregon: Willamette River
    - 71-013463
  - General/United States: Atlantic Coast: Barrier Islands
    - 71-013448
  - General/Utah Southern
    - 71-013467
  - H. S. Swingle
    - 71-013432
  - Heavy Metals
    - 71-011250
  - Herbicides
    - 71-010804
  - Int. Comm. Northwest Atl. Fish./Index 1951-79
    - 71-013451
  - Lepomis macrochirus
    - 71-013450
  - Management/Research--Estuaries
    - 71-013447
  - Management/Research--General
    - 71-013459
  - Micropterus salmoides
    - 71-005770
  - Mine Effluents
    - 71-012061
  - Mining
    - 71-012061
  - Morone saxatilis
    - 71-013452
  - Mosquito Control
    - 71-013449
  - N.Z. Minist. Agric. Fish. Fish. Res. Div.
    - 71-013456
  - Natl. Mar. Fish. Serv./Fish. Publ. Index 1965-74
    - 71-013441
  - New Zealand Fish. Div./Publs. 1976
    - 71-013437
  - Parasites/Diseases
    - 71-008981
    - 71-008996

...CONTINUED...

- Bibliographies
  - Polyodon spathula
    - 71-005616
  - Pulp Mill Effluents
    - 71-010924
  - Radioecology
    - 71-013453
  - Recirculating Systems
    - 71-000126
    - 71-000130
  - Road Construction
    - 71-011987
  - Salvelinus namaycush
    - 71-013455
  - Sampling
    - 71-012801
  - Scombridae
    - 71-005731
  - Sound Production
    - 71-005187
  - Spawning
    - 71-003228
  - Stream Improvement/General
    - 71-013003
  - Temperature
    - 71-002223
  - Torry Res. Stn./Advis. Notes 1-59
    - 71-013468
  - U.S. Environ. Prot. Agency/ORD Publ. Summ., Mar. 1976
    - 71-013466
  - U.S. Environ. Prot. Agency/ORD Publ. Summ., Sept. 1976
    - 71-013465
  - Woods Hole Oceanogr. Inst./ Tech. Rep 1976
    - 71-013446
  - Woods Hole Oceanogr. Inst./Publ. 1979
    - 71-013464
- Culture/Propagation--Coldwater
  - Aeration
    - 71-010520
  - Ammonia
    - 71-000249
  - Appetite Stimulants
    - 71-000671
  - Brood Stock
    - 71-000238
    - 71-004617
  - Cage Culture
    - 71-000163
    - 71-000188
    - 71-000193
    - 71-000216
    - 71-000248
    - 71-000412
    - 71-000923
  - Diets
    - 71-000669
    - 71-000678
    - 71-000686
    - 71-000712
    - 71-000738
    - 71-000739
    - 71-000740
    - 71-000755
    - 71-000757
    - 71-000759
    - 71-000761
    - 71-000764
    - 71-000773
    - 71-000778
    - 71-000779
    - 71-000838
    - 71-000844
    - 71-000845
    - 71-000854
    - 71-000855
    - 71-000857
    - 71-000859
    - 71-000860
    - 71-000861
    - 71-000896
    - 71-000897
    - 71-000905
    - 71-000907
    - 71-000910
    - 71-000913
    - 71-000914
    - 71-000916
    - 71-000954
    - 71-007388
  - Egg Production
    - 71-000154
  - Egg Sorting
    - 71-000272
    - 71-000999
    - 71-001021
  - Feeders
    - 71-000804
  - Feeding Experiments
    - 71-000151
    - 71-000245
    - 71-000471
    - 71-000669
    - 71-000677
    - 71-000678
    - 71-000680
    - 71-000681
    - 71-000686
    - 71-000687
    - 71-000690
    - 71-000691
    - 71-000692
    - 71-000693
    - 71-000709
    - 71-000712
    - 71-000715

...CONTINUED...
Culture/Propagation--Coldwater
Feeding Experiments
71-000724
71-000725
71-000726
71-000729
71-000730
71-000731
71-000732
71-000733
71-000736
71-000737
71-000738
71-000739
71-000740
71-000747
71-000750
71-000755
71-000757
71-000759
71-000761
71-000763
71-000770
71-000773
71-000776
71-000777
71-000778
71-000779
71-000788
71-000789
71-000792
71-000802
71-000805
71-000808
71-000811
71-000812
71-000824
71-000826
71-000828
71-000829
71-000837
71-000838
71-000839
71-000840
71-000841
71-000844
71-000846
71-000847
71-000854
71-000855
71-000857
71-000858
71-000859
71-000860
71-000861
71-000862
71-000866
71-000879
71-000888
71-000896
71-000897
71-000900
71-000901
71-000903
71-000905
71-000906
71-000907
71-000910
71-000913
71-000914
71-000915
71-000916
71-000919
71-000921
71-000923
71-000931
71-000933
71-000941
71-000943
71-000944
71-000947
71-000948
71-000952
71-000953
71-000954
71-002640
71-002728
71-003396
71-003736
71-004072
71-005688
71-007388
Feeds
71-000679
71-000684
71-000690
71-000707
71-000745
71-000768
71-000776
71-000777
71-000808
71-000843
71-000879
71-000888
71-000889
71-000901
71-000910
71-000924
71-000930
71-000931
Fertility
71-000167
Fertilization
71-000161
71-000171
71-000200

...CONTINUED...
Culture/Propagation--Coldwater
Fish Hatchery Effluents
71-000097
71-010034
71-010379
Fry Production
71-000367
Gamete Storage
71-000166
71-000201
71-000236
71-000266
71-000278
71-000986
General
71-000152
71-000191
71-000204
71-000211
71-000217
71-000220
71-000260
71-000262
71-000270
71-000471
71-012472
General/California
71-000164
General/Chile
71-000169
General/India
71-000240
71-000255
General/Ireland
71-000185
General/Japan
71-000234
71-000253
General/Norway
71-000174
71-000176
71-000267
General/Scotland
71-000233
Genetic Strains
71-000215
71-000216
71-000231
71-000245
71-000246
71-000250
71-000858
71-004617
Growth
71-000243
71-000263
Growth Stimulants
71-000177
71-000178
71-000179
71-000197
71-000198
71-000229
71-000230
71-000277
71-000732
71-000996
71-002756
Handling Mortality
71-000202
Hatchery Design
71-000274
Heated Water
71-000165
71-000173
Holding Tanks
71-000977
Hybridization
71-000162
71-000373
71-004569
Inbreeding
71-000172
71-000213
71-004668
Incubation
71-002132
71-002875
Incubators
71-000157
71-000159
71-000199
71-000226
71-000239
71-000273
Induced Maturation
71-000170
71-000186
71-000203
71-000210
71-000223
71-000224
71-000400
71-000532
71-002604
Lake Culture
71-000247
71-000261
71-000265
Length Frequencies
71-000269
Mariculture
71-000209
Modeling
71-000187
71-000262
Monosex Culture
71-000206

...CONTINUED...
Culture/Propagation--Coldwater
Monosex Culture
71-000207
71-000208
71-000975
Mortality Factors
71-000182
Net-Pen Culture
71-000174
71-000194
71-000195
71-000228
71-000923
71-005402
Nursery Lakes
71-012665
Nutrient Requirements
71-000828
71-000933
Nutrition
71-000681
71-000762
71-000790
71-000826
71-000835
71-000840
71-000844
71-000845
71-000865
71-000910
71-000952
Ocean Ranching
71-000191
71-000228
Ozone
71-000168
Parr-Smolt Transformation
71-000244
Pigmenters
71-000160
71-000264
71-000774
71-000989
Polyculture
71-000412
Polyploidy
71-000259
Pond Culture
71-000155
71-000189
71-000205
71-000212
71-000216
71-000241
71-000268
71-012885
71-013008
Raceway Culture
71-000275
Rearing Capacity
71-000214
Recirculating Systems
71-000158
71-000168
71-000180
71-000181
71-000192
71-000232
71-000464
71-001002
Salinity
71-000219
71-000770
Sanitation
71-000270
Selective Breeding
71-000153
71-000156
71-000184
71-000196
71-000242
71-000244
71-004667
71-007520
Sex Reversal
71-000206
71-000207
71-000208
71-001000
Spawning Channels
71-012912
71-012929
Spawning Cycle Regulation
71-000190
71-000225
71-000227
71-003448
Spawning Substrates
71-012009
Sterilization
71-000259
Summerkill
71-000155
Symposia
71-000183
Techniques
71-000257
Transportation
71-000271
71-000955
71-000962
71-000966
71-001043
71-012695
Vertical Raceways
71-000194
71-000235

...CONTINUED...
Culture/Propagation--Coldwater
Vertical Raceways
71-000251
Vibert Boxes
71-000222
71-000258
Vitamins
71-000768
Water Quality
71-000180
Culture/Propagation--General
Acoustical Methods
71-001015
Aeration
71-000973
71-000993
71-001022
Algae Culture
71-000031
71-000979
71-001003
71-001012
Ammonia
71-000984
Aquariums
71-000969
71-000970
71-000971
71-000997
71-013428
Aquariums/Dissolved Gas Remova
71-000972
Aquariums/Lists
71-000968
Aquariums/Water Supply
71-000974
Arkansas
71-000057
Asia, Southeastern
71-000106
71-000122
Bactericides
71-000069
Biofiltration
71-000987
Bird Predation
71-000135
71-000143
71-001038
Brazil
71-000098
71-000113
71-000114
Brood Stock
71-000149
Cage Culture
71-000050
71-000068
71-000079
71-000082
71-000105
71-000981
Canada
71-000056
China
71-000073
71-011757
Crayfish
71-001007
Czechoslovakia
71-011723
Dechlorination
71-001034
Diets
71-000694
71-000711
71-000756
71-000836
71-000939
71-000945
Disease-Free Culture
71-008893
71-008935
Economics
71-000063
71-000064
71-000071
71-000072
71-000119
71-000145
71-000147
71-000148
71-000375
El Salvador
71-000059
71-000091
71-000119
71-000127
71-000128
71-000142
Feeders
71-000819
71-000825
71-000848
71-000978
Feeding Experiments
71-000702
71-000727
71-000833
71-000834
71-000836
71-000886
71-000934
71-000937
71-000938
71-000946
Feeding Rate
71-000787

...CONTINUED...
Culture/Propagation--General
 Feeds
  71-000689
  71-000702
  71-000727
  71-000746
  71-000769
  71-000803
  71-000833
  71-000836
  71-000850
  71-000893
  71-000932
  71-000935
 Fertilization
  71-002249
 Filtration Systems
  71-001023
 Fish Graders
  71-001041
 Fish Hatchery Effluents
  71-000066
  71-000078
 Fish Pumps
  71-000994
 Force-Feeders
  71-001008
 Gamete Storage
  71-000090
  71-000140
  71-001011
 General
  71-000049
  71-000065
  71-000074
  71-000075
  71-000081
  71-000084
  71-000088
  71-000096
  71-000107
  71-000109
  71-000115
  71-000116
  71-000118
  71-000120
  71-000125
  71-000129
  71-000144
  71-013329
 Greece
  71-000051
 Hatchery Alarm Systems
  71-001039
 Hatchery Design
  71-000121
  71-001026
 Heated Water
  71-000123
  71-000131
 Historical
  71-000104
 Holding Facilities
  71-000985
 Hormones
  71-000076
  71-000150
  71-001047
 Hybridization
  71-000092
 Incubators
  71-000139
  71-000356
  71-001004
 India
  71-000070
  71-000099
  71-000100
  71-000101
  71-000102
  71-000132
  71-000145
 Induced Maturation
  71-000087
  71-000095
  71-001036
 Industrial Wastes
  71-000086
 Information Systems
  71-000108
 Invertebrate Collection/Forage
  71-001027
  71-001035
 Invertebrate Culture
  71-000067
  71-000991
  71-001037
 Invertebrate Forage
  71-000937
  71-000938
 Israel
  71-000134
  71-011732
  71-012206
 Jamaica
  71-000141
 Japan
  71-000093
  71-000094
  71-000117
  71-000136
  71-000606
 Larvae
  71-000997
 Marketing
  71-000089
  71-000127
  71-000128

...CONTINUED...
Culture/Propagation--General
 Norway
  71-000175
 Nutrition
  71-000703
  71-000748
  71-000834
  71-000937
  71-000938
 Oxygenation
  71-001019
 Perspectives
  71-000124
  71-000137
 Perspectives/Asia
  71-000138
 Perspectives/Canada
  71-000133
 Perspectives/Pacific Basin
  71-000058
 Philippines
  71-000061
  71-000089
  71-000554
 Planning
  71-000124
 Poland
  71-000112
 Pond Construction
  71-001032
 Pond Culture
  71-000085
  71-000886
 Predator Control
  71-001038
  71-001040
 Production
  71-000054
  71-000064
  71-000080
  71-000085
  71-000146
 Raceway Crowding Systems
  71-001042
  71-001044
 Raceways
  71-001028
 Recirculating Systems
  71-000060
  71-000069
  71-000103
  71-000110
  71-000126
  71-000130
  71-000356
  71-000987
  71-008978
 Research Test Fish
  71-001010
 Sampling
  71-001033
 Sanitation
  71-001028
 Selective Breeding
  71-000092
 Sterilization
  71-009028
 Symposia
  71-000055
 Taste and Odor Problems
  71-013338
  71-013349
 Techniques/Misc.
  71-001030
 Techniques/Water Quality
  71-000984
 Therapeutant Removal
  71-001016
 Transportation
  71-000960
  71-000963
 United States
  71-000053
  71-000054
  71-000062
  71-000111
 USSR
  71-000052
 Water Level Regulation
  71-000969
 Water Quality
  71-001014
Culture/Propagation--Marine
 Abnormalities
  71-001993
 Aeration
  71-000563
 Ammonia
  71-010560
 Aquariums
  71-000967
 Aquariums/Water Supply
  71-000648
 Biochemical Composition
  71-000742
 Biofiltration
  71-000624
 Cage Culture
  71-000555
  71-000585
  71-000587
  71-000596
  71-000597
  71-000602
  71-000610
  71-000630
  71-000632

...CONTINUED...
Culture/Propagation--Marine
 Cage Culture
  71-000643
  71-000660
  71-000661
  71-000664
  71-000917
  71-000918
 Diets
  71-000292
  71-000683
  71-000685
  71-000698
  71-000699
  71-000741
  71-000784
  71-000877
  71-000885
  71-000890
 Embryo Storage
  71-001045
 Environmental Control Systems
  71-001029
 Feeding Experiments
  71-000292
  71-000588
  71-000598
  71-000646
  71-000670
  71-000682
  71-000683
  71-000685
  71-000697
  71-000698
  71-000699
  71-000700
  71-000701
  71-000706
  71-000713
  71-000741
  71-000742
  71-000765
  71-000766
  71-000784
  71-000785
  71-000786
  71-000810
  71-000815
  71-000820
  71-000867
  71-000868
  71-000869
  71-000874
  71-000875
  71-000877
  71-000885
  71-000887
  71-000890
  71-000917
  71-000918
  71-000920
  71-000936
  71-000942
  71-002781
 Feeds
  71-000670
  71-000785
  71-000786
  71-000815
  71-000869
  71-000936
 Fingerling Production
  71-000583
  71-000589
  71-000590
  71-000646
 Fish Hatchery Effluents
  71-000628
 Floating Hatcheries
  71-000605
 Fry Production
  71-000556
  71-000579
  71-000599
  71-000638
  71-000640
  71-000650
  71-000651
 Gamete Storage
  71-000995
 General
  71-000281
  71-000552
  71-000567
  71-000570
  71-000571
  71-000575
  71-000603
  71-000608
  71-000620
  71-000665
 General/Black Sea
  71-000565
 General/Europe
  71-000609
 General/France
  71-000587
 General/India
  71-000621
 General/Japan
  71-000578
  71-000584
  71-000592
  71-000656
  71-013275
 General/Norway
  71-000267
 General/USSR
  71-000560

...CONTINUED...
Culture/Propagation--Marine
 General/USSR
  71-000566
  71-000574
  71-000580
  71-000607
  71-000653
  71-000668
 Genetics
  71-000635
 Hardness
  71-000287
 Hatchery Design
  71-000614
  71-000634
  71-000655
 Heat Exchangers
  71-001005
 Heated Water
  71-000413
  71-000568
  71-000596
  71-000626
  71-000627
  71-000657
 Holding Facilities
  71-000654
 Hybridization
  71-000296
 Incubation
  71-000619
  71-000662
 Incubators
  71-000564
  71-000649
 Induced Maturation
  71-000279
  71-000280
  71-000572
  71-000593
  71-000594
  71-000615
  71-000616
  71-000623
  71-000631
  71-000641
  71-000651
  71-000652
  71-000663
  71-002122
  71-004247
  71-004508
 Jar Culture
  71-000649
 Laboratory Spawning
  71-000556
  71-000557
  71-000612
 Mangroves
  71-000636
 Net-Pen Culture
  71-000228
  71-000576
  71-000581
  71-000604
  71-000617
  71-000667
 Nutrition
  71-000742
  71-000810
  71-000820
  71-000874
  71-000875
  71-000876
  71-000887
  71-000917
 Ocean Ranching
  71-000228
  71-000413
  71-000622
  71-000647
 Polyculture
  71-000568
  71-000582
  71-000604
  71-000629
  71-000658
 Pond Culture
  71-000285
  71-000293
  71-000568
  71-000577
  71-000582
  71-000625
  71-000629
  71-000633
  71-000659
 Power Plant Effluents
  71-000627
  71-000657
 Production
  71-000571
 Recirculating Systems
  71-000286
  71-000624
  71-000642
 Regulations
  71-000618
 Research Test Fish
  71-000619
 Safety Devices
  71-000992
 Salinity
  71-000287
  71-000988
 Spawning Cycle Regulation
  71-000595
  71-000641

...CONTINUED...
- Culture/Propagation--Marine
  - Spawning Cycle Regulation
    - 71-002817
    - 71-006497
  - Spawning Substrates
    - 71-000561
    - 71-000562
    - 71-000581
    - 71-013157
  - Tank Culture
    - 71-000645
  - Techniques/Water Quality
    - 71-000591
  - Transportation
    - 71-000588
    - 71-000964
    - 71-011173
  - Water Quality
    - 71-000627
- Culture/Propagation--Warmwater
  - Administrative Reports
    - 71-011851
  - Aeration
    - 71-000391
    - 71-000478
    - 71-000983
  - Ammonia
    - 71-000543
    - 71-009087
    - 71-011286
  - Androgenesis
    - 71-004805
  - Anesthetics
    - 71-000990
    - 71-011295
  - Appetite Stimulants
    - 71-000809
  - Aquatic Plant Control
    - 71-000020
    - 71-000039
    - 71-000299
    - 71-000534
  - Artificial Diets
    - 71-000758
  - Baitfish Culture
    - 71-000328
    - 71-000491
    - 71-000504
    - 71-000734
  - Biochemical Composition
    - 71-000742
  - Biofiltration
    - 71-000332
    - 71-000428
  - Cage Culture
    - 71-000298
    - 71-000304
    - 71-000325
    - 71-000345
    - 71-000352
    - 71-000388
    - 71-000392
    - 71-000412
    - 71-000427
    - 71-000433
    - 71-000467
    - 71-000468
    - 71-000484
    - 71-000510
    - 71-000753
    - 71-000771
    - 71-000927
    - 71-000949
  - Cannibalism
    - 71-000355
  - Chinese Waterchestnuts
    - 71-000440
  - Clam Shrimp Control
    - 71-001020
  - Clomiphene Citrate
    - 71-000331
  - Diets
    - 71-000672
    - 71-000688
    - 71-000716
    - 71-000718
    - 71-000723
    - 71-000781
    - 71-000796
    - 71-000813
    - 71-000842
    - 71-000856
    - 71-000929
  - Economics
    - 71-000378
    - 71-000441
    - 71-000444
    - 71-000476
    - 71-000485
    - 71-000502
    - 71-000535
  - Egg Collection
    - 71-011457
  - Egg Collection/Forage
    - 71-001024
  - Egg Production
    - 71-000313
    - 71-000363
    - 71-000500
  - Feeders
    - 71-000751
    - 71-000863
  - Feeding Experiments
    - 71-000306
    - 71-000308
    - 71-000349
    - 71-000354
    - 71-000359

...CONTINUED...
- Culture/Propagation--Warmwater
  - Feeding Experiments
    - 71-000442
    - 71-000474
    - 71-000491
    - 71-000535
    - 71-000672
    - 71-000673
    - 71-000674
    - 71-000676
    - 71-000696
    - 71-000704
    - 71-000705
    - 71-000710
    - 71-000714
    - 71-000716
    - 71-000717
    - 71-000719
    - 71-000720
    - 71-000721
    - 71-000728
    - 71-000734
    - 71-000735
    - 71-000742
    - 71-000743
    - 71-000744
    - 71-000749
    - 71-000751
    - 71-000753
    - 71-000758
    - 71-000760
    - 71-000767
    - 71-000771
    - 71-000780
    - 71-000791
    - 71-000794
    - 71-000795
    - 71-000796
    - 71-000797
    - 71-000798
    - 71-000799
    - 71-000800
    - 71-000801
    - 71-000809
    - 71-000813
    - 71-000816
    - 71-000817
    - 71-000818
    - 71-000821
    - 71-000822
    - 71-000826
    - 71-000828
    - 71-000842
    - 71-000849
    - 71-000851
    - 71-000852
    - 71-000853
    - 71-000856
    - 71-000864
    - 71-000873
    - 71-000878
    - 71-000881
    - 71-000883
    - 71-000884
    - 71-000891
    - 71-000892
    - 71-000894
    - 71-000895
    - 71-000899
    - 71-000902
    - 71-000908
    - 71-000909
    - 71-000911
    - 71-000912
    - 71-000915
    - 71-000926
    - 71-000927
    - 71-000928
    - 71-000940
    - 71-000949
    - 71-000950
    - 71-000951
    - 71-002728
    - 71-003960
    - 71-004352
    - 71-006965
  - Feeds
    - 71-000675
    - 71-000696
    - 71-000704
    - 71-000705
    - 71-000771
    - 71-000814
    - 71-000864
    - 71-000902
    - 71-000911
    - 71-000912
    - 71-000927
  - Fertilization
    - 71-000344
  - Fertilization/Soil and Water
    - 71-000311
    - 71-000320
    - 71-000321
    - 71-000329
    - 71-000349
    - 71-000376
    - 71-000379
    - 71-000416
    - 71-000422
    - 71-000435
    - 71-000477
    - 71-000480
    - 71-000498
    - 71-000501
    - 71-000518
    - 71-000520

...CONTINUED...
- Culture/Propagation--Warmwater
  - Fertilization/Soil and Water
    - 71-012641
    - 71-012645
    - 71-012646
    - 71-012649
    - 71-012651
    - 71-012655
    - 71-012656
    - 71-012657
    - 71-012658
    - 71-012659
    - 71-012661
    - 71-012662
    - 71-012663
  - Filtration Systems
    - 71-000358
  - Fingerling Production
    - 71-000317
    - 71-000376
    - 71-000387
    - 71-000449
    - 71-000456
    - 71-000459
    - 71-000517
  - Fish Control/Removal
    - 71-012294
  - Fish Hatchery Effluents
    - 71-000350
    - 71-000364
    - 71-000493
    - 71-000535
    - 71-010043
  - Fish Kills
    - 71-010519
  - Forage Production
    - 71-000330
    - 71-000374
  - Fry Production
    - 71-000289
    - 71-000308
    - 71-000429
    - 71-000437
    - 71-000451
    - 71-000508
  - Gamete Storage
    - 71-000384
    - 71-001006
    - 71-001046
  - General
    - 71-000299
    - 71-000305
    - 71-000307
    - 71-000333
    - 71-000397
    - 71-000408
    - 71-000414
    - 71-000426
    - 71-000443
    - 71-000485
    - 71-000511
    - 71-000529
    - 71-000540
  - General/Bangladesh
    - 71-000395
  - General/Florida
    - 71-000447
  - General/India
    - 71-000338
    - 71-000340
    - 71-000370
    - 71-000405
    - 71-000407
    - 71-000453
    - 71-000497
    - 71-012658
  - General/Israel
    - 71-000348
    - 71-000526
    - 71-000527
  - General/Philippines
    - 71-000353
    - 71-000357
  - Genetic Strains
    - 71-000326
    - 71-000342
    - 71-000547
  - Genetics
    - 71-000347
  - Growth
    - 71-000455
    - 71-000550
  - Growth Stimulants
    - 71-000469
    - 71-000490
    - 71-000539
    - 71-003428
  - Gynogenesis
    - 71-004805
  - Heated Water
    - 71-000309
    - 71-000325
    - 71-000345
    - 71-000392
    - 71-000420
    - 71-000465
    - 71-000468
    - 71-000481
    - 71-000493
    - 71-000536
  - Hybridization
    - 71-000368
    - 71-000445
    - 71-000521
    - 71-004772
  - Hydroponics
    - 71-000428
  - Incubation
    - 71-000383

...CONTINUED...
- Culture/Propagation--Warmwater
  - Incubation
    - 71-000394
    - 71-000494
  - Incubators
    - 71-000393
  - Induced Maturation
    - 71-000186
    - 71-000312
    - 71-000318
    - 71-000319
    - 71-000331
    - 71-000343
    - 71-000351
    - 71-000361
    - 71-000389
    - 71-000396
    - 71-000399
    - 71-000411
    - 71-000415
    - 71-000418
    - 71-000419
    - 71-000425
    - 71-000429
    - 71-000505
    - 71-000507
    - 71-000516
    - 71-000522
    - 71-000523
    - 71-000524
    - 71-000538
    - 71-000539
    - 71-000546
    - 71-000548
    - 71-001009
    - 71-002644
    - 71-002686
    - 71-002820
    - 71-003346
    - 71-003562
  - Insect Control
    - 71-000442
  - Invertebrate Collection/Ponds
    - 71-000446
  - Iodophores
    - 71-000500
  - Lime
    - 71-012657
  - Monosex Culture
    - 71-000303
    - 71-000346
    - 71-000368
    - 71-000377
    - 71-000382
    - 71-000403
    - 71-000404
    - 71-000450
    - 71-000499
    - 71-000503
    - 71-000515
    - 71-000521
    - 71-004648
    - 71-004805
  - Mortality Factors
    - 71-000290
    - 71-000366
  - Nursery Areas
    - 71-000334
  - Nutrient Removal
    - 71-000432
    - 71-000440
  - Nutrient Requirements
    - 71-000821
    - 71-000828
    - 71-000926
  - Nutrition
    - 71-000676
    - 71-000719
    - 71-000721
    - 71-000742
    - 71-000782
    - 71-000795
    - 71-000806
    - 71-000826
    - 71-000873
    - 71-000881
    - 71-000891
    - 71-000909
    - 71-000928
  - Oxygen
    - 71-000324
  - Oxygen Consumption
    - 71-000487
    - 71-000488
    - 71-000489
  - PAS-G
    - 71-000494
  - Pen Culture
    - 71-000360
  - Perspectives/Asia, Southeastern
    - 71-000573
  - Pigmenters
    - 71-000438
    - 71-000439
  - Polyculture
    - 71-000300
    - 71-000306
    - 71-000316
    - 71-000329
    - 71-000341
    - 71-000354
    - 71-000362
    - 71-000379
    - 71-000380
    - 71-000381
    - 71-000386
    - 71-000409
    - 71-000412

...CONTINUED...

- Culture/Propagation--Warmwater
  - Polyculture
    - 71-000431
    - 71-000445
    - 71-000454
    - 71-000457
    - 71-000458
    - 71-000460
    - 71-000461
    - 71-000462
    - 71-000470
    - 71-000473
    - 71-000474
    - 71-000483
    - 71-000513
    - 71-000514
    - 71-007252
    - 71-007344
    - 71-012645
    - 71-012663
  - Polyploidy
    - 71-000541
  - Pond Construction
    - 71-000083
  - Pond Culture
    - 71-000241
    - 71-000288
    - 71-000297
    - 71-000301
    - 71-000306
    - 71-000307
    - 71-000311
    - 71-000314
    - 71-000315
    - 71-000316
    - 71-000320
    - 71-000321
    - 71-000322
    - 71-000323
    - 71-000324
    - 71-000339
    - 71-000340
    - 71-000341
    - 71-000352
    - 71-000362
    - 71-000366
    - 71-000368
    - 71-000369
    - 71-000371
    - 71-000372
    - 71-000376
    - 71-000379
    - 71-000380
    - 71-000381
    - 71-000386
    - 71-000387
    - 71-000389
    - 71-000391
    - 71-000395
    - 71-000401
    - 71-000402
    - 71-000406
    - 71-000410
    - 71-000422
    - 71-000423
    - 71-000431
    - 71-000432
    - 71-000436
    - 71-000440
    - 71-000442
    - 71-000454
    - 71-000459
    - 71-000460
    - 71-000461
    - 71-000462
    - 71-000463
    - 71-000474
    - 71-000475
    - 71-000477
    - 71-000479
    - 71-000487
    - 71-000488
    - 71-000489
    - 71-000495
    - 71-000498
    - 71-000512
    - 71-000518
    - 71-000519
    - 71-000520
    - 71-000521
    - 71-000525
    - 71-000528
    - 71-000530
    - 71-000531
    - 71-000534
    - 71-000535
    - 71-000545
    - 71-000549
    - 71-000551
    - 71-000734
    - 71-000749
    - 71-000899
    - 71-000976
    - 71-000983
    - 71-001177
    - 71-001324
    - 71-007019
    - 71-007110
    - 71-011478
    - 71-012646
    - 71-012649
    - 71-012655
    - 71-012656
    - 71-012657
    - 71-012661
    - 71-012663
  - Power Plant Effluents
    - 71-000309

...CONTINUED...

- Culture/Propagation--Warmwater
  - Power Plant Effluents
    - 71-000325
  - Production
    - 71-000301
    - 71-000416
    - 71-000535
  - Raceway Culture
    - 71-000300
    - 71-000456
  - Recirculating Systems
    - 71-000284
    - 71-000291
    - 71-000327
    - 71-000332
    - 71-000358
    - 71-000406
    - 71-000428
    - 71-000434
    - 71-000466
    - 71-000543
  - Research Test Fish
    - 71-011457
  - Sanitation
    - 71-000350
  - Selective Breeding
    - 71-000509
    - 71-004596
  - Sewage Effluents
    - 71-000371
    - 71-000372
    - 71-000514
  - Sex Reversal
    - 71-000302
    - 71-000303
    - 71-000503
    - 71-003036
    - 71-004192
    - 71-004648
    - 71-004804
  - Sodium Chloride
    - 71-000957
  - Spawning Cycle Regulation
    - 71-000398
  - Spawning Marshes
    - 71-000365
  - Spawning Substrates
    - 71-006194
  - Spawning Tanks
    - 71-000337
    - 71-000492
  - Spawning Techniques
    - 71-000448
    - 71-000492
  - Sterilization
    - 71-001025
  - Stocking Rates
    - 71-000519
  - Summerkill
    - 71-000323
  - Supplemental Feeding
    - 71-000898
    - 71-000899
  - Symposia
    - 71-000540
  - Tank Culture
    - 71-000308
    - 71-000336
    - 71-000451
    - 71-000506
  - Tannin
    - 71-000494
    - 71-000544
  - Techniques/Turbidity Control
    - 71-000982
  - Techniques/Water Quality
    - 71-000324
    - 71-000486
    - 71-000976
  - Transportation
    - 71-000956
    - 71-000957
    - 71-000958
    - 71-000959
    - 71-000961
    - 71-000965
  - Vitamins
    - 71-000797
  - Water Quality
    - 71-000322
    - 71-000488
- Endangered/Threatened Species
  - Acipenser brevirostrum
    - 71-005650
    - 71-008414
    - 71-008772
    - 71-010287
  - Alabama
    - 71-007753
  - Chasmistes cujus
    - 71-011746
  - Colorado
    - 71-007982
  - Colorado River
    - 71-007834
  - Colorado: Colorado River
    - 71-007960
  - Cyprinodon bovinus
    - 71-005677
  - Cyprinodon diabolis
    - 71-007118
    - 71-011772
  - Cyprinodon elegans
    - 71-002789
    - 71-008324
  - Etheostoma fonticola
    - 71-005820
    - 71-006491

...CONTINUED...

- Endangered/Threatened Species
  - Etheostoma okaloosae
    - 71-008061
  - Florida
    - 71-007870
  - Gambusia nobilis
    - 71-005491
  - Gasterosteus aculeatus williamsoni
    - 71-008057
  - General
    - 71-007816
    - 71-008249
    - 71-008393
    - 71-011646
    - 71-011677
    - 71-011684
    - 71-011728
    - 71-011734
    - 71-011744
    - 71-011775
  - Gila cypha
    - 71-007930
    - 71-008225
  - Gila elegans
    - 71-007930
  - Illinois
    - 71-008241
  - Kentucky
    - 71-007758
  - Montana
    - 71-007931
  - North America
    - 71-007817
  - Percina tanasi
    - 71-005839
    - 71-005840
  - Plagopterus argentissimus
    - 71-004958
  - Poeciliopsis
    - 71-008052
  - Ptychocheilus lucius
    - 71-007930
  - Salmo
    - 71-005493
  - Salmo apache
    - 71-002131
  - Salmo clarki seleniris
    - 71-006605
  - Salmo gilae
    - 71-006473
  - Texas
    - 71-007831
  - United States
    - 71-008249
  - United States, Southeastern
    - 71-007895
  - Xyrauchen texanus
    - 71-007930
- Environmental Factors
  - Alkalinity
    - 71-004321
    - 71-010687
  - Ammonia
    - 71-004045
    - 71-006804
    - 71-010652
  - Carbon Dioxide
    - 71-002292
    - 71-002627
    - 71-002933
    - 71-006803
  - Climate
    - 71-008326
  - Copper
    - 71-004321
  - Crowding
    - 71-001536
  - Dissolved Solids
    - 71-004086
    - 71-005197
  - Droughts
    - 71-008321
    - 71-008328
    - 71-008351
    - 71-010515
    - 71-010529
  - Eutrophication
    - 71-008305
    - 71-008347
    - 71-008357
    - 71-008380
    - 71-008409
    - 71-013093
  - Floods
    - 71-001187
    - 71-001241
    - 71-001274
    - 71-006625
    - 71-008346
    - 71-008375
    - 71-008408
    - 71-012984
    - 71-013139
  - Flow Regimes
    - 71-001226
    - 71-004920
    - 71-005021
    - 71-005349
    - 71-005673
    - 71-006130
    - 71-006666
    - 71-008369
    - 71-008408
    - 71-008440
    - 71-011885
    - 71-011886
    - 71-011887
    - 71-011982
    - 71-012960
  - General
    - 71-002557

...CONTINUED...

- Environmental Factors
  - General
    - 71-003827
    - 71-005198
    - 71-006665
    - 71-006989
    - 71-008085
    - 71-008348
    - 71-008377
    - 71-013208
    - 71-013209
    - 71-013220
    - 71-013257
    - 71-013281
    - 71-013319
  - Geothermal Effects
    - 71-001103
    - 71-006346
    - 71-007505
    - 71-008282
  - Hardness
    - 71-011505
  - Heavy Metals
    - 71-004321
  - Hydrogen Sulfide
    - 71-010839
    - 71-011391
    - 71-011392
  - Hydrostatic Pressure
    - 71-002211
    - 71-002265
    - 71-003008
    - 71-003044
    - 71-003350
    - 71-003796
    - 71-003909
    - 71-005795
  - Light
    - 71-000583
    - 71-002119
    - 71-002142
    - 71-002188
    - 71-002310
    - 71-002450
    - 71-002538
    - 71-002539
    - 71-002540
    - 71-002541
    - 71-002543
    - 71-002555
    - 71-002556
    - 71-002558
    - 71-002559
    - 71-002591
    - 71-002660
    - 71-002812
    - 71-002817
    - 71-002819
    - 71-002835
    - 71-002895
    - 71-002968
    - 71-003092
    - 71-003227
    - 71-003284
    - 71-003448
    - 71-003469
    - 71-003470
    - 71-003519
    - 71-003520
    - 71-003604
    - 71-003648
    - 71-003649
    - 71-003690
    - 71-003691
    - 71-003693
    - 71-003826
    - 71-003933
    - 71-003934
    - 71-003956
    - 71-003998
    - 71-004061
    - 71-004203
    - 71-004281
    - 71-004288
    - 71-004305
    - 71-004390
    - 71-004391
    - 71-004392
    - 71-004447
    - 71-004511
    - 71-004884
    - 71-004897
    - 71-004975
    - 71-005078
    - 71-005079
    - 71-005124
    - 71-005160
    - 71-005180
    - 71-005201
    - 71-005227
    - 71-005235
    - 71-005322
    - 71-005329
    - 71-005353
    - 71-005357
    - 71-005387
    - 71-005408
    - 71-005430
    - 71-006403
    - 71-006497
    - 71-006541
    - 71-006571
    - 71-006695
    - 71-006980
    - 71-007106
    - 71-007492
    - 71-008143
  - Lunar Activity
    - 71-006468

...CONTINUED...
Environmental Factors
  Lunar Activity
    71-006542
  Nitrate
    71-006804
  Nitrite
    71-006804
  Noise
    71-005227
    71-005248
  Oxygen
    71-002130
    71-002321
    71-002354
    71-002391
    71-002406
    71-002416
    71-002438
    71-002476
    71-002586
    71-002616
    71-002687
    71-002871
    71-002873
    71-002892
    71-002893
    71-002894
    71-002925
    71-003127
    71-003207
    71-003263
    71-003264
    71-003270
    71-003271
    71-003272
    71-003273
    71-003307
    71-003308
    71-003499
    71-003500
    71-003510
    71-003633
    71-003665
    71-003782
    71-003880
    71-003881
    71-004046
    71-004103
    71-004173
    71-004207
    71-004252
    71-004253
    71-004886
    71-005398
    71-006512
    71-006803
    71-007457
    71-008318
    71-008388
    71-010660
    71-010685
    71-013030
  pH
    71-001150
    71-002532
    71-002908
    71-003092
    71-003442
    71-003499
    71-003639
    71-004321
    71-004511
    71-005197
    71-006338
    71-006803
    71-008404
    71-010213
    71-010866
    71-010942
    71-010958
    71-010959
    71-011054
    71-011460
    71-013068
  Pressure Effects
    71-005082
  Salinity
    71-000575
    71-002121
    71-002127
    71-002129
    71-002153
    71-002202
    71-002203
    71-002228
    71-002229
    71-002241
    71-002249
    71-002268
    71-002298
    71-002299
    71-002422
    71-002434
    71-002435
    71-002438
    71-002452
    71-002470
    71-002475
    71-002476
    71-002586
    71-002624
    71-002646
    71-002701
    71-002796
    71-002803
    71-002804
    71-002843
    71-002868

...CONTINUED...
Environmental Factors
  Salinity
    71-002900
    71-002911
    71-002969
    71-002973
    71-003019
    71-003092
    71-003182
    71-003200
    71-003209
    71-003212
    71-003222
    71-003232
    71-003239
    71-003273
    71-003306
    71-003332
    71-003434
    71-003440
    71-003441
    71-003447
    71-003593
    71-003637
    71-003658
    71-003673
    71-003826
    71-003836
    71-003860
    71-003861
    71-003878
    71-003912
    71-003938
    71-003944
    71-003945
    71-004010
    71-004036
    71-004083
    71-004084
    71-004109
    71-004119
    71-004139
    71-004140
    71-004142
    71-004160
    71-004190
    71-004191
    71-004323
    71-004324
    71-004393
    71-004414
    71-004509
    71-004511
    71-004519
    71-004812
    71-005011
    71-005016
    71-005017
    71-005026
    71-005387
    71-005723
    71-006477
    71-006478
    71-006495
    71-006693
    71-006700
    71-007085
    71-007512
    71-007627
    71-008136
    71-008139
    71-008143
    71-008287
    71-008371
    71-008994
    71-009867
    71-010660
    71-010733
    71-011041
    71-011103
    71-011500
    71-011875
    71-013138
    71-013221
  Season
    71-002416
    71-003511
    71-003849
    71-003935
    71-004226
    71-008334
  Sedimentation
    71-001233
    71-001236
    71-006305
    71-006566
  Solar Activity
    71-008299
    71-008368
  Solar Eclipse
    71-001194
    71-001277
  Temperature
    71-000472
    71-000691
    71-000692
    71-000693
    71-000733
    71-000783
    71-000793
    71-000802
    71-000841
    71-000942
    71-000947
    71-000990
    71-001471
    71-001678

...CONTINUED...
Environmental Factors
  Temperature
    71-001681
    71-002105
    71-002106
    71-002116
    71-002118
    71-002119
    71-002121
    71-002128
    71-002131
    71-002132
    71-002152
    71-002201
    71-002223
    71-002230
    71-002235
    71-002241
    71-002268
    71-002279
    71-002282
    71-002283
    71-002295
    71-002310
    71-002315
    71-002321
    71-002329
    71-002330
    71-002351
    71-002355
    71-002356
    71-002357
    71-002384
    71-002398
    71-002399
    71-002400
    71-002406
    71-002409
    71-002416
    71-002431
    71-002433
    71-002436
    71-002438
    71-002441
    71-002450
    71-002460
    71-002465
    71-002471
    71-002475
    71-002476
    71-002498
    71-002517
    71-002520
    71-002524
    71-002538
    71-002539
    71-002540
    71-002543
    71-002555
    71-002571
    71-002587
    71-002591
    71-002606
    71-002610
    71-002629
    71-002639
    71-002640
    71-002654
    71-002660
    71-002662
    71-002680
    71-002687
    71-002700
    71-002789
    71-002792
    71-002797
    71-002811
    71-002812
    71-002817
    71-002827
    71-002857
    71-002858
    71-002872
    71-002874
    71-002875
    71-002883
    71-002893
    71-002894
    71-002901
    71-002914
    71-002919
    71-002937
    71-002952
    71-002954
    71-002955
    71-002960
    71-002968
    71-002969
    71-002981
    71-003010
    71-003012
    71-003015
    71-003030
    71-003046
    71-003050
    71-003051
    71-003053
    71-003060
    71-003079
    71-003081
    71-003116
    71-003126
    71-003129
    71-003169
    71-003170
    71-003175
    71-003182

...CONTINUED...
Environmental Factors
  Temperature
    71-003192
    71-003219
    71-003226
    71-003227
    71-003243
    71-003273
    71-003281
    71-003295
    71-003298
    71-003307
    71-003308
    71-003313
    71-003327
    71-003328
    71-003332
    71-003338
    71-003389
    71-003396
    71-003407
    71-003420
    71-003430
    71-003482
    71-003483
    71-003485
    71-003499
    71-003507
    71-003512
    71-003513
    71-003514
    71-003520
    71-003529
    71-003555
    71-003561
    71-003580
    71-003590
    71-003604
    71-003632
    71-003645
    71-003648
    71-003649
    71-003659
    71-003691
    71-003705
    71-003742
    71-003760
    71-003761
    71-003770
    71-003782
    71-003785
    71-003788
    71-003816
    71-003817
    71-003826
    71-003844
    71-003849
    71-003851
    71-003852
    71-003853
    71-003867
    71-003876
    71-003877
    71-003878
    71-003883
    71-003898
    71-003905
    71-003921
    71-003933
    71-003934
    71-003935
    71-003944
    71-003945
    71-003949
    71-003979
    71-003987
    71-003989
    71-003990
    71-004020
    71-004021
    71-004027
    71-004028
    71-004047
    71-004052
    71-004100
    71-004101
    71-004125
    71-004134
    71-004137
    71-004139
    71-004140
    71-004154
    71-004160
    71-004161
    71-004185
    71-004186
    71-004191
    71-004202
    71-004203
    71-004212
    71-004217
    71-004220
    71-004238
    71-004239
    71-004245
    71-004259
    71-004281
    71-004286
    71-004287
    71-004291
    71-004297
    71-004300
    71-004324
    71-004333
    71-004365
    71-004393
    71-004404

...CONTINUED....

- Environmental Factors
  - Temperature
    - 71-004419
    - 71-004427
    - 71-004439
    - 71-004444
    - 71-004501
    - 71-004511
    - 71-004554
    - 71-004586
    - 71-004646
    - 71-004862
    - 71-004870
    - 71-004886
    - 71-004925
    - 71-004947
    - 71-004948
    - 71-004949
    - 71-004955
    - 71-004967
    - 71-004975
    - 71-004993
    - 71-004994
    - 71-005002
    - 71-005016
    - 71-005017
    - 71-005021
    - 71-005026
    - 71-005028
    - 71-005039
    - 71-005041
    - 71-005059
    - 71-005060
    - 71-005061
    - 71-005062
    - 71-005083
    - 71-005127
    - 71-005160
    - 71-005164
    - 71-005197
    - 71-005201
    - 71-005202
    - 71-005203
    - 71-005219
    - 71-005237
    - 71-005239
    - 71-005262
    - 71-005281
    - 71-005282
    - 71-005283
    - 71-005293
    - 71-005294
    - 71-005307
    - 71-005309
    - 71-005311
    - 71-005313
    - 71-005314
    - 71-005315
    - 71-005316
    - 71-005317
    - 71-005320
    - 71-005329
    - 71-005334
    - 71-005341
    - 71-005349
    - 71-005367
    - 71-005371
    - 71-005388
    - 71-005391
    - 71-005396
    - 71-005411
    - 71-005432
    - 71-005440
    - 71-005455
    - 71-005507
    - 71-005518
    - 71-005723
    - 71-005917
    - 71-005918
    - 71-005933
    - 71-006282
    - 71-006323
    - 71-006346
    - 71-006377
    - 71-006381
    - 71-006403
    - 71-006477
    - 71-006478
    - 71-006517
    - 71-006571
    - 71-006649
    - 71-006666
    - 71-006676
    - 71-006700
    - 71-006724
    - 71-006740
    - 71-006793
    - 71-006969
    - 71-006989
    - 71-007085
    - 71-007382
    - 71-007388
    - 71-007402
    - 71-007417
    - 71-007421
    - 71-007438
    - 71-007446
    - 71-007492
    - 71-007496
    - 71-007505
    - 71-007536
    - 71-007538
    - 71-007553
    - 71-007566
    - 71-007599
    - 71-007604
    - 71-007626

...CONTINUED...

- Environmental Factors
  - Temperature
    - 71-007638
    - 71-008005
    - 71-008223
    - 71-008282
    - 71-008287
    - 71-008311
    - 71-008319
    - 71-008333
    - 71-008352
    - 71-008355
    - 71-008366
    - 71-008372
    - 71-008377
    - 71-008381
    - 71-008386
    - 71-008388
    - 71-008402
    - 71-008406
    - 71-008416
    - 71-008428
    - 71-008441
    - 71-008994
    - 71-009423
    - 71-010081
    - 71-010271
    - 71-010314
    - 71-010365
    - 71-010387
    - 71-010514
    - 71-010527
    - 71-010626
    - 71-010635
    - 71-010671
    - 71-010672
    - 71-010675
    - 71-010707
    - 71-010768
    - 71-010958
    - 71-011082
    - 71-011116
    - 71-011394
    - 71-011414
    - 71-012069
    - 71-012467
    - 71-013092
  - Tides
    - 71-001292
    - 71-005050
    - 71-006547
    - 71-006699
  - Turbidity
    - 71-001236
    - 71-003040
    - 71-004086
    - 71-005227
    - 71-005430
    - 71-006102
    - 71-007805
    - 71-008431
    - 71-008432
    - 71-010660
  - Water Availability
    - 71-013500
  - Water Level Fluctuations
    - 71-006172
    - 71-008294
    - 71-008370
    - 71-008372
    - 71-010660
    - 71-013076
  - Waves
    - 71-006547
  - Weather
    - 71-001069
    - 71-008311
    - 71-008417
    - 71-008427
    - 71-008444
    - 71-012579
  - Wind
    - 71-008319
    - 71-008372
- Fish Control/Removal
  - Barriers/Sound
    - 71-012298
  - Chemical Reclamation
    - 71-011605
    - 71-012285
    - 71-012286
    - 71-012287
    - 71-012288
    - 71-012290
    - 71-012292
    - 71-012294
    - 71-012299
    - 71-012301
    - 71-012831
    - 71-012832
    - 71-012863
  - General
    - 71-012296
  - Lamprey Control
    - 71-011583
    - 71-012295
    - 71-012300
  - Management/Research--Lakes
    - 71-012305
  - Management/Research--Ponds
    - 71-012291
  - Management/Research--Reservoirs
    - 71-012302
  - Petromyzon marinus
    - 71-012303
  - Population Studies
    - 71-012297
  - Predator Control
    - 71-012877

...CONTINUED...

- Fish Control/Removal
  - Rough Fish Control
    - 71-012304
    - 71-012305
  - Sterilization
    - 71-012295
  - Thanite
    - 71-011573
- Fish Kills
  - Chlorine
    - 71-010591
  - Droughts
    - 71-010515
    - 71-010529
  - General/Atlantic Ocean, North
    - 71-010526
  - General/Georgia
    - 71-010334
  - General/Kansas
    - 71-010518
  - Insecticides
    - 71-010523
    - 71-011257
  - Parasites/Diseases
    - 71-008441
    - 71-009106
    - 71-009536
    - 71-010517
  - Recovery
    - 71-010521
    - 71-010528
  - Rotenone
    - 71-010525
  - Summerkill
    - 71-010513
  - Temperature
    - 71-008441
    - 71-010514
    - 71-010516
    - 71-010527
  - Toxic Algae
    - 71-010519
    - 71-010524
    - 71-011529
  - Winterkill
    - 71-012832
    - 71-012833
- Fish Lists/Keys
  - Africa
    - 71-008250
  - Agonidae
    - 71-007710
  - Alabama: Cedar Creek
    - 71-008076
  - Alabama: North River
    - 71-007948
  - Alaska
    - 71-008038
    - 71-008111
  - Andaman Sea
    - 71-008189
  - Antarctic
    - 71-007911
  - Arabian Sea
    - 71-008100
  - Arctic Ocean: Beaufort Sea
    - 71-013461
  - Arizona: Rio Yaqui
    - 71-007913
  - Arkansas: Buffalo River
    - 71-007779
  - Arkansas: Caddo River
    - 71-007821
  - Arkansas: Cane Creek
    - 71-008288
  - Arkansas: Crowley's Ridge
    - 71-007861
  - Arkansas: Eleven Point River
    - 71-007955
  - Arkansas: Fourche River
    - 71-007754
  - Arkansas: Izard Cty.: Piney Creek
    - 71-008037
  - Arkansas: Moro Creek
    - 71-008163
  - Arkansas: Ouachita River
    - 71-007907
  - Arkansas: Randolph Cty.
    - 71-007755
  - Arkansas: Stone Cty.: Sylamore Creek
    - 71-007854
  - Arkansas: Ten Mile Creek
    - 71-007951
  - Atlantic Ocean, North
    - 71-007730
    - 71-007814
    - 71-007851
    - 71-007859
    - 71-007902
    - 71-007922
    - 71-008260
  - Atlantic Ocean, North: Canary Current
    - 71-007966
  - Atlantic Ocean, North: Norfolk Canyon
    - 71-008264
  - Atlantic Ocean, North: Norwegian Sea
    - 71-008093
  - Atlantic Ocean, North: South Atlantic Bight
    - 71-008265
    - 71-008266
    - 71-008267
  - Atlantic Ocean, South: Scotia Sea
    - 71-008117
  - Atlantic Ocean: Georges Bank
    - 71-007793
  - Atlantic Ocean: Gulf of Maine
    - 71-007793

...CONTINUED...

- Fish Lists/Keys
  - Atlantic Ocean: New York
    - 71-007917
  - Atlantic Ocean: New York Bight
    - 71-008277
    - 71-013256
  - Australia: Blackwood River Estuary
    - 71-008009
  - Australia: Geographe Bay/Bunbury
    - 71-008256
  - Australia: Queensland: Serpentina Creek
    - 71-006690
  - Australia: Queensland: Trinity Bay
    - 71-007742
  - Australia: Shark Bay
    - 71-008010
  - Australia: Victoria
    - 71-008283
  - Australia: Victoria: Murray River
    - 71-007774
  - Australia: Victoria: Tullaroop Creek
    - 71-012956
  - Austria: Polzberg Bei Lunz
    - 71-007888
  - Barbados
    - 71-008137
  - Bodianini
    - 71-008594
  - Branchiostegidae
    - 71-007788
  - Brazil
    - 71-008022
  - California
    - 71-007933
    - 71-007938
    - 71-008055
  - California/Exotic Species
    - 71-012439
  - California, Southern
    - 71-008056
  - California: Alameda Creek
    - 71-007680
    - 71-008187
  - California: Alamitos Bay
    - 71-007687
  - California: Anaheim Bay
    - 71-008001
    - 71-008007
  - California: Coyote Creek
    - 71-007680
    - 71-008187
  - California: Death Valley
    - 71-008066
  - California: Monterey Bay
    - 71-007693
    - 71-007998
    - 71-007999
  - California: Pacific Current
    - 71-007916
  - California: Pacific Ocean
    - 71-007847
    - 71-007932
  - California: Pajaro River
    - 71-008206
  - California: Santa Clara River
    - 71-007722
  - Canada: British Columbia
    - 71-008111
  - Canada: Gulf of St. Lawrence
    - 71-007983
  - Canada: Hudson Bay
    - 71-008083
  - Canada: James Bay
    - 71-008083
  - Canada: Labrador
    - 71-013282
  - Canada: Newfoundland
    - 71-013282
  - Canada: Northumberland Strait
    - 71-007841
  - Canada: Ontario: Quetico Provincial Park
    - 71-007808
  - Canada: St. Lawrence River Estuary
    - 71-007679
  - Caribbean Sea
    - 71-007812
  - Caspian Sea
    - 71-007971
  - Catostomidae
    - 71-008577
  - Cebidichthyidae
    - 71-008826
  - Centropomus
    - 71-008605
  - Chesapeake Bay
    - 71-008081
  - Chondrichthyes
    - 71-007752
  - Cichlidae
    - 71-007701
  - Colombia
    - 71-008000
  - Colorado River
    - 71-007834
  - Colorado River Basin
    - 71-007696
  - Colorado: Dolores River
    - 71-007930
  - Colorado: Piceance Creek
    - 71-007874
  - Colorado: South Platte River
    - 71-012922
  - Colorado: White River
    - 71-007777
  - Colorado: Yampa River
    - 71-007777

...CONTINUED...
Fish Lists/Keys
Colorado: Yampa River
71-007930
Columbia River
71-007886
Columbia River Estuary
71-008075
Connecticut
71-008243
Connecticut: Thames River
71-012955
Cottidae: USSR: Lake Agata
71-007989
Czechoslovakia
71-007929
Dactyloscopidae
71-008543
Delaware
71-008002
71-008042
Delaware: Delaware River Estuary
71-008260
Exotic Species/Texas: Bexar Cty.
71-007939
Florida
71-007802
71-008493
Florida/Exotic Species
71-007802
Florida: Apalachicola River
71-008289
Florida: Dade Cty./Exotic Species
71-007927
Florida: Hillsborough Bay
71-008126
Florida: Hutchinson Island
71-007866
Florida: Ochlockonee River
71-008229
Florida: Okaloosa Cty.
71-007909
Florida: Pensacola Estuary
71-007798
Florida: St. Andrew Bay
71-008140
Florida: Tampa Bay
71-007794
71-008184
France: River Lot
71-008245
France: Verdon
71-013058
French Polynesia
71-007867
Georgia: Carroll Cty.: Dog River
71-008046
Georgia: Ochlockonee River
71-008229
Great Lakes/Larval Fish
71-008485
Guam
71-007967
Guatemala
71-008172
Gulf of Aqaba
71-008131
Gulf of Mexico
71-007752
71-007787
71-008045
Gulf of Mexico: Campeche Bank
71-008180
Gulf of Tonkin
71-007723
Halosauridae
71-008110
Hawaii: Coastal Ponds
71-007761
Hawaii: Oahu
71-010384
Idaho: Clearwater River
71-008040
Idaho: Palouse River
71-008041
Idaho: Silver Creek
71-007852
Illinois River, Lower
71-008212
India: Bhakra Reservoir
71-007734
Indian Ocean
71-007725
71-007862
71-007863
71-008087
71-008284
Indian Ocean: Mandapam Area
71-008188
Indiana: Sullivan Cty.
71-007958
Indiana: Tippecanoe Cty.
71-007811
Indiana: Washington Cty.: Blue River
71-008054
Iran
71-007790
71-008178
Ireland: Galway Bay
71-007850
Israel
71-007726
Japan: Hokkaido
71-007884
Japan: Honmura Bay
71-007898
Kansas: Doniphan Cty.: Wolf River
71-007789
Kazakhstan: Nura River Basin
71-007830

...CONTINUED...
Fish Lists/Keys
Kentucky
71-007767
Kentucky: Calloway Cty.: Russells Chapel Spring
71-008145
Kentucky: Daniel Boone Natl. Forest
71-007757
Kentucky: Kentucky River
71-008280
Labridae
71-008594
71-008784
Lake Erie
71-008077
71-008272
71-012876
Lake Ontario
71-007807
Lake Superior
71-012874
Leptocephali
71-008789
Liparidae
71-008813
Louisiana
71-007683
71-008118
71-008119
71-008210
Louisiana: Atchafalaya River
71-007795
Louisiana: Caminada Bay
71-008079
Louisiana: Chenier Plain Coastal Area
71-007881
71-007882
71-007883
Louisiana: Lower Mississippi Basin
71-007795
Maryland
71-008002
Maryland: Conococheague Creek
71-008036
Massachusetts
71-007904
Massachusetts: Beverly-Salem Harbor
71-007954
Massachusetts: Pleasant Bay
71-007846
Mediterranean Sea
71-007726
71-008152
Mexico: Baja California: Pacific Ocean
71-007847
Mexico: Colima: Rio Armeria
71-007804
Mexico: Gulf of California
71-005930
Mexico: Rio Yaqui
71-007913
Michigan: Au Sable River
71-008407
Minnesota
71-007692
Minnesota: Minnesota River
71-008274
Mississippi River, Middle
71-008212
Mississippi: Horn Island
71-008078
Missouri River Basin, Upper
71-007959
Missouri, Northwestern
71-008074
Missouri: Big River
71-008067
Missouri: Black River
71-012949
Missouri: Cane Creek
71-008288
Montana, Southeastern
71-007837
Montana: Flathead Lake
71-001064
Montana: Tongue River
71-012941
Montana: Yellowstone River
71-008123
Morocco
71-007716
71-007762
Mugilidae
71-008838
Nebraska
71-008217
Nebraska: Adams Cty.: 32 Mile Creek
71-008257
Nebraska: Salt Creek
71-008027
Nebraska: Thirty-two Mile Creek
71-008258
Nevada: Clark Cty.: Moapa River
71-007806
Nevada: Death Valley
71-008066
New England: Continental Slope
71-007903
New Jersey, Coastal
71-008069
New Jersey: Delaware River Estuary
71-008260
New Jersey: Little Egg Inlet
71-008068
New Jersey: New York Bight
71-013256
New Jersey: Newark Bay
71-008179

...CONTINUED...
Fish Lists/Keys
New Jersey: Sandy Hook Bay
71-008276
New Jersey: Stone Harbor
71-007972
New York
71-007759
New York: Arthur Kill
71-007763
New York: Atlantic Ocean
71-007917
New York: Long Island Sound
71-008291
New York: New York Bay
71-007857
New York: New York Bight
71-007700
71-008277
71-013256
New York: State Barge Canal
71-008154
New Zealand
71-008049
71-008581
New Zealand: Hen Island
71-007885
New Zealand: Karikari Peninsula
71-008279
New Zealand: Lake Chalice
71-008059
New Zealand: Lake Christabel
71-007956
New Zealand: Lake Ellesmere
71-008177
Nigeria: Benue River
71-008051
North Carolina
71-008015
71-008102
71-008103
71-008124
North Carolina: Croatan Natl. For.
71-008171
North Carolina: Newport River Estuary
71-007941
North Carolina: Onslow Bay
71-008014
North Dakota: Sheyenne River
71-008121
71-008122
North Sea
71-007922
Norway
71-008018
Norway: Lindaspollene
71-008011
Norway: Skjomen
71-008202
Ohio
71-007823
Ohio: Chagrin River
71-008272
Ohio: Green Creek
71-008228
Ohio: Portage River
71-007928
Ohio: Wayne Natl. For.
71-007708
Oklahoma: Kiamichi River
71-007832
Oklahoma: Mill Creek
71-007737
Oklahoma: Muddy Boggy River
71-008127
Ophidiiformes
71-008516
Pacific Ocean: California: Diablo Canyon
71-007942
Pacific Ocean: Oregon: Yaquina Bay
71-008151
Panama: Caribbean Sea
71-007812
Papua New Guinea/Exotic Species
71-012407
Papua New Guinea: Laloki River System
71-007728
Pennsylvania: Berks Cty.: Sacony Creek Basin
71-007707
Pennsylvania: Conewago Creek
71-008153
Pennsylvania: Conococheague Creek
71-008036
Pennsylvania: Swatara Creek Drainage
71-008135
Pennsylvania: Yellow Breeches Creek
71-008293
Pennsylvania: Youghiogheny River
71-007912
Peru
71-008021
Philippines: Sorsogon Bay
71-008003
Pholidae
71-008826
Poromitra
71-008554
Rajoidea
71-008581
Red Sea
71-007788
71-007878
71-008513
Rhabdosargus
71-008793
Rhodes
71-008692

...CONTINUED...
Fish Lists/Keys
Rwanda: Lake Ihema
71-007978
Santa Monica Bay
71-007845
Saudi Arabia
71-007685
Sciaenidae
71-008828
Scotland
71-008025
Scotland: Outer Hebrides
71-007776
Sea of Japan
71-007944
Sierra Leone
71-008098
Singapore
71-008200
South Africa
71-008284
South Africa: Indian Ocean
71-007945
South Africa: Natal: Kosi System
71-007743
South Africa: Sandvlei
71-007718
South Carolina: Folly Beach
71-007695
South Carolina: North Inlet
71-006589
South Carolina: South Atlantic Bi
71-008266
South China Sea
71-008189
South Dakota: Little Missouri Riv
71-007735
71-007736
South Dakota: Sioux Falls River
71-007756
South West Africa: Sandvis
71-007976
Stichaeidae
71-008826
Suez Canal
71-008221
Switzerland: Lake Constance
71-008097
Taiwan
71-008192
71-008194
71-008784
Tennessee: Clinch River
71-008032
Tennessee: Cumberland River
71-007915
Tennessee: Obion Cty.: Indian Cre
71-007946
Texas: Big Sandy Creek
71-007840
Texas: Chenier Plain Coastal Area
71-007881
71-007882
71-007883
Trachichthyidae
71-008723
Tripterygiidae
71-008513
United States, Southeastern Natl. Forests
71-008772
United States: Atlantic Coast
71-007851
71-008275
71-013469
Univ. Bergen, Norway, Mus. Zool.
71-007859
USSR: Donets River
71-012993
USSR: Irtysh-Karaganda Canal
71-007677
USSR: Pacific Ocean
71-007944
USSR: Sibera
71-011724
Utah: San Rafael River
71-008044
Venezuela
71-008000
Virginia, Southeastern
71-007953
Virginia: Clinch River
71-008032
Virginia: East River
71-008218
Virginia: Fairfax Cty.
71-007974
Virginia: James River
71-008017
Virginia: Lynnhaven Bay
71-008183
Virginia: New River
71-008134
Virginia: Piankatank River
71-008060
Washington
71-008285
Washington: Crab Creek
71-008039
Washington: Palouse River
71-008041
Washington: Puget Sound
71-007698
71-008084
West Germany
71-008757
West Virginia
71-007818

...CONTINUED...
- Fish Lists/Keys
  - West Virginia: East River
    - 71-008218
  - West Virginia: Gauley River
    - 71-007925
  - West Virginia: Greenbrier River
    - 71-007924
  - Yugoslavia: Skadar Lake
    - 71-007981
  - Zaire
    - 71-007702
  - Zambia: Lake Tanganyika
    - 71-007701
- Fish Passage
  - Barriers
    - 71-012701
    - 71-012702
    - 71-012711
  - Culverts
    - 71-005444
    - 71-012678
    - 71-012679
    - 71-012686
  - Dams
    - 71-012063
    - 71-012670
    - 71-012684
    - 71-012689
    - 71-012695
    - 71-012698
    - 71-012701
    - 71-012703
    - 71-012971
  - Fish Counters
    - 71-012668
    - 71-012669
    - 71-012748
  - Fish Lifts
    - 71-012700
  - Fishways
    - 71-011902
    - 71-012686
    - 71-012694
    - 71-012710
    - 71-012971
  - Impingement/Entrainment
    - 71-010058
    - 71-010255
    - 71-010328
    - 71-010388
    - 71-012671
    - 71-012672
    - 71-012673
    - 71-012674
    - 71-012675
    - 71-012676
    - 71-012677
    - 71-012680
    - 71-012681
    - 71-012682
    - 71-012683
    - 71-012685
    - 71-012687
    - 71-012688
    - 71-012690
    - 71-012691
    - 71-012692
    - 71-012693
    - 71-012697
    - 71-012705
    - 71-012708
    - 71-012709
    - 71-012711
  - Panama Canal
    - 71-012696
  - Power Plants
    - 71-010058
    - 71-012672
    - 71-012673
    - 71-012677
    - 71-012681
    - 71-012687
    - 71-012688
    - 71-012690
    - 71-012691
    - 71-012697
    - 71-012698
    - 71-012711
  - Pumped Storage
    - 71-012705
  - Screens
    - 71-012668
    - 71-012704
    - 71-012707
  - Shear Stress
    - 71-012699
  - Turbines
    - 71-012675
- Fishing Gear
  - Angling
    - 71-012564
    - 71-013471
  - Baits/Baiting
    - 71-012548
    - 71-012572
    - 71-012592
    - 71-012604
  - Chemicals
    - 71-012286
    - 71-012495
    - 71-012538
    - 71-012549
    - 71-012573
    - 71-012620
    - 71-012625
    - 71-012629
  - Electrofishing
    - 71-002350

...CONTINUED...
- Fishing Gear
  - Electrofishing
    - 71-004386
    - 71-012489
    - 71-012500
    - 71-012502
    - 71-012503
    - 71-012505
    - 71-012510
    - 71-012517
    - 71-012550
    - 71-012567
    - 71-012570
    - 71-012582
    - 71-012593
    - 71-012599
    - 71-012600
    - 71-012601
    - 71-012605
    - 71-012626
  - Explosives
    - 71-012485
    - 71-012515
  - Fish Behavior
    - 71-012571
    - 71-012575
    - 71-012586
  - Gear Efficiency
    - 71-012483
  - Gear Selectivity
    - 71-012483
    - 71-012497
    - 71-012505
    - 71-012530
    - 71-012562
    - 71-012564
    - 71-012631
    - 71-012632
  - General
    - 71-012483
    - 71-012487
    - 71-012531
    - 71-012569
    - 71-012608
    - 71-012609
    - 71-012616
    - 71-012635
    - 71-012636
    - 71-012638
    - 71-013423
  - General/Scotland
    - 71-012613
  - Ichthyoplankton
    - 71-012509
  - Larval Fish
    - 71-012498
    - 71-012512
    - 71-012610
    - 71-012639
  - Lights
    - 71-005132
    - 71-005133
    - 71-012551
    - 71-012552
  - Longlines
    - 71-012572
    - 71-012602
    - 71-012609
    - 71-013179
  - Misc. Gear
    - 71-012522
    - 71-012541
    - 71-012544
  - Monofilament
    - 71-012634
  - Nets/Blocking Nets
    - 71-012533
  - Nets/Drift Nets
    - 71-012574
    - 71-012576
    - 71-012577
    - 71-012578
    - 71-012598
  - Nets/Drop-Nets
    - 71-012523
    - 71-012537
    - 71-012580
  - Nets/Fry
    - 71-006731
    - 71-012493
    - 71-012496
    - 71-012499
    - 71-012513
    - 71-012519
    - 71-012535
    - 71-012565
    - 71-012581
    - 71-012588
    - 71-012589
    - 71-012610
    - 71-012639
  - Nets/General
    - 71-012539
    - 71-012545
    - 71-012554
    - 71-012614
    - 71-012617
    - 71-012618
    - 71-012637
  - Nets/Gill Nets
    - 71-012497
    - 71-012501
    - 71-012511
    - 71-012514
    - 71-012532
    - 71-012543
    - 71-012546

...CONTINUED...
- Fishing Gear
  - Nets/Gill Nets
    - 71-012548
    - 71-012556
    - 71-012559
    - 71-012560
    - 71-012564
    - 71-012579
    - 71-012595
    - 71-012621
    - 71-012631
    - 71-012632
    - 71-012633
  - Nets/High Speed Nets
    - 71-005958
  - Nets/Lift Nets
    - 71-012615
  - Nets/Misc.
    - 71-012488
    - 71-012536
    - 71-012619
    - 71-012623
  - Nets/Pound Nets
    - 71-012583
  - Nets/Purse Seines
    - 71-012516
    - 71-012547
  - Nets/Seines
    - 71-012505
    - 71-012525
    - 71-012558
    - 71-012591
    - 71-012625
  - Nets/Trap Nets
    - 71-012504
    - 71-012562
    - 71-012640
  - Nets/Trawls
    - 71-012480
    - 71-012481
    - 71-012491
    - 71-012492
    - 71-012506
    - 71-012507
    - 71-012518
    - 71-012521
    - 71-012524
    - 71-012528
    - 71-012540
    - 71-012542
    - 71-012555
    - 71-012557
    - 71-012561
    - 71-012563
    - 71-012568
    - 71-012571
    - 71-012597
    - 71-012607
    - 71-012612
    - 71-012624
    - 71-012627
    - 71-012628
    - 71-012630
    - 71-012639
    - 71-012761
  - Nets/Trawls/Electric
    - 71-004959
    - 71-012520
    - 71-012611
  - Pumps
    - 71-012512
    - 71-012519
    - 71-012565
  - Rotenone
    - 71-012484
    - 71-012501
    - 71-012538
    - 71-012573
    - 71-012620
    - 71-012625
    - 71-013053
  - Thanite
    - 71-012494
  - Traps
    - 71-012482
    - 71-012534
  - Traps/Benthic
    - 71-012508
  - Traps/Catfish Traps
    - 71-012594
  - Traps/Fry
    - 71-012527
  - Traps/General
    - 71-012585
    - 71-012590
  - Traps/Minnow Traps
    - 71-012490
  - Traps/Misc.
    - 71-012529
    - 71-012584
    - 71-012586
    - 71-012606
  - Traps/Stream
    - 71-012566
    - 71-012622
  - Vessel Design
    - 71-012596
    - 71-012603
    - 71-013422
- Genetics
  - Age/Growth
    - 71-004600
    - 71-004658
    - 71-004674
    - 71-004822
    - 71-004823
    - 71-004830
    - 71-007455

...CONTINUED...
- Genetics
  - Age/Growth
    - 71-007472
    - 71-007596
  - Aggressive Behavior
    - 71-004942
    - 71-005090
    - 71-005271
  - Androgenesis
    - 71-004527
    - 71-004806
  - Biochemical Composition
    - 71-004534
  - Chromosome Numbers
    - 71-004620
    - 71-004621
    - 71-004623
    - 71-004700
    - 71-004784
    - 71-004824
    - 71-004825
    - 71-004835
  - Coloration
    - 71-001943
    - 71-004591
    - 71-004657
    - 71-004730
    - 71-004731
  - Digestive System
    - 71-004546
    - 71-004570
  - Egg Size
    - 71-004635
  - Electrophoresis
    - 71-002785
    - 71-003650
    - 71-003883
    - 71-004229
    - 71-004492
    - 71-004522
    - 71-004526
    - 71-004529
    - 71-004542
    - 71-004549
    - 71-004551
    - 71-004552
    - 71-004556
    - 71-004557
    - 71-004558
    - 71-004559
    - 71-004560
    - 71-004561
    - 71-004564
    - 71-004565
    - 71-004571
    - 71-004580
    - 71-004581
    - 71-004590
    - 71-004599
    - 71-004602
    - 71-004604
    - 71-004616
    - 71-004627
    - 71-004628
    - 71-004632
    - 71-004633
    - 71-004638
    - 71-004639
    - 71-004642
    - 71-004647
    - 71-004653
    - 71-004655
    - 71-004672
    - 71-004691
    - 71-004697
    - 71-004701
    - 71-004708
    - 71-004715
    - 71-004717
    - 71-004723
    - 71-004736
    - 71-004738
    - 71-004748
    - 71-004750
    - 71-004754
    - 71-004755
    - 71-004756
    - 71-004769
    - 71-004776
    - 71-004785
    - 71-004791
    - 71-004793
    - 71-004798
    - 71-004799
    - 71-004800
    - 71-004801
    - 71-004802
    - 71-004815
    - 71-004819
    - 71-004820
    - 71-004821
    - 71-004839
    - 71-004840
    - 71-004850
    - 71-004851
    - 71-004857
    - 71-004858
    - 71-004859
    - 71-004861
    - 71-007689
    - 71-008497
    - 71-008644
    - 71-008687
    - 71-008796
  - Endocrinology
    - 71-004778
  - Enzymes
    - 71-004184

...CONTINUED...
Genetics
Enzymes
71-004750
71-004754
71-004760
Evolution
71-004609
71-004627
Fecundity
71-004658
Gene Silencing
71-004692
General
71-002915
71-004523
71-004605
71-004615
71-004666
71-004695
71-004699
71-004773
71-013148
Genetic Markers
71-004759
Genetic Strains
71-000547
71-004538
71-004588
71-004793
71-004811
Genic Continuity
71-004532
71-004593
Genome Mutations
71-004568
Genomes
71-004782
Gynogenesis
71-004620
71-004704
71-004719
71-004721
71-004728
71-004794
71-004804
71-004806
Hybridization
71-000001
71-000092
71-000162
71-000296
71-000373
71-001486
71-002028
71-004526
71-004535
71-004550
71-004554
71-004566
71-004567
71-004569
71-004574
71-004575
71-004582
71-004595
71-004597
71-004624
71-004626
71-004639
71-004641
71-004643
71-004652
71-004654
71-004663
71-004675
71-004676
71-004684
71-004703
71-004713
71-004714
71-004718
71-004720
71-004724
71-004732
71-004734
71-004737
71-004744
71-004761
71-004767
71-004770
71-004771
71-004772
71-004789
71-004803
71-004807
71-004808
71-004811
71-004812
71-004814
71-004833
71-004843
71-004845
71-004852
71-004853
71-004856
71-004857
71-005394
71-005985
71-006483
71-007686
71-012420
71-013020
71-013126
Inbreeding
71-000172
71-000213
71-004724
Karyotypes
71-004528

...CONTINUED...
Genetics
Karyotypes
71-004530
71-004539
71-004540
71-004544
71-004547
71-004555
71-004556
71-004576
71-004583
71-004587
71-004611
71-004622
71-004625
71-004630
71-004631
71-004661
71-004664
71-004671
71-004673
71-004688
71-004689
71-004690
71-004696
71-004700
71-004725
71-004726
71-004738
71-004740
71-004757
71-004763
71-004764
71-004783
71-004788
71-004817
71-004818
71-004826
71-004828
71-004836
71-004837
71-004838
71-004841
71-004842
71-004844
71-004861
71-004865
71-004866
71-005890
Lactate Dehydrogenase
71-004537
71-004594
71-004645
71-004665
71-004720
71-004749
71-004752
71-004792
71-004821
71-004831
71-004855
71-008644
Lipid Composition
71-004534
Malate Dehydrogenase
71-004707
71-004821
Maturation
71-002187
71-004658
Melanophores
71-004729
Meristic Studies
71-004556
Mutagens
71-004677
71-004768
Nuclear Transplantation
71-004737
Parasites/Diseases
71-008985
Parr-Smolt Transformation
71-004830
Polyploidy
71-000259
71-000541
71-004521
71-004606
71-004607
71-004608
71-004693
71-004694
71-004706
71-004739
71-004779
Reproduction
71-004618
71-004777
Reproductive System
71-002565
Selective Breeding
71-000092
71-000153
71-000196
71-000242
71-000509
71-004617
71-004667
71-004822
71-007520
Sex Determination
71-003543
71-004533
71-004545
71-004563
71-004727
71-004731
71-004764

...CONTINUED...
Genetics
Sex Determination
71-004796
71-004829
Sex Reversal
71-003893
71-004786
Skeletal System
71-004733
Speciation
71-004678
71-004844
Stocking/Introductions
71-012425
Swimming Performance
71-004832
Techniques/Chromosome Preparation
71-004634
71-004649
71-004651
71-004662
71-004741
71-004747
71-004758
Tetraploidy
71-004834
Triploid Females
71-004138
71-004554
71-004719
71-004810
Triploid Fish
71-004664
71-004827
Unisex Populations
71-004525
71-004648
71-004685
71-004846
Variation Studies
71-001796
71-002096
71-004184
71-004522
71-004524
71-004531
71-004536
71-004541
71-004548
71-004549
71-004552
71-004557
71-004558
71-004559
71-004572
71-004573
71-004577
71-004579
71-004580
71-004584
71-004585
71-004586
71-004589
71-004598
71-004599
71-004601
71-004602
71-004603
71-004612
71-004613
71-004614
71-004616
71-004629
71-004630
71-004632
71-004633
71-004642
71-004644
71-004646
71-004660
71-004665
71-004674
71-004679
71-004680
71-004682
71-004686
71-004697
71-004698
71-004702
71-004709
71-004710
71-004711
71-004715
71-004717
71-004735
71-004742
71-004745
71-004746
71-004753
71-004762
71-004774
71-004795
71-004798
71-004799
71-004801
71-004819
71-004820
71-004839
71-004847
71-004848
71-004849
71-004850
71-004851
71-004862
71-004863
71-004868
71-008622
Vision
71-004656

Habitat Alterations
Aeration
71-001022
71-001115
71-006703
71-007457
71-009627
71-011888
71-011893
71-011923
71-011924
71-011926
71-011932
71-011933
71-011934
71-011935
71-011950
71-011955
71-011964
71-011979
71-011993
71-012044
71-012079
71-012095
71-012096
71-012097
71-012843
71-012852
71-012902
71-013010
71-013026
71-013061
Agricultural Drainage
71-011994
71-011997
Artificial Reefs
71-006680
71-007191
71-007192
71-011906
71-011928
71-011951
71-011989
71-012010
71-012011
71-012041
71-012042
71-012045
71-012055
71-012056
71-012057
71-012058
71-012071
71-012076
71-012085
71-012086
71-012091
71-012103
71-013243
71-013276
Beaver Ponds
71-001220
71-012987
Causeways
71-012004
Channelization
71-007486
71-011863
71-011867
71-011870
71-011876
71-011879
71-011880
71-011881
71-011890
71-011895
71-011896
71-011900
71-011907
71-011912
71-011913
71-011915
71-011916
71-011917
71-011918
71-011919
71-011929
71-011936
71-011937
71-011940
71-011948
71-011954
71-011959
71-011960
71-011967
71-011972
71-011973
71-011976
71-011977
71-011978
71-011984
71-011997
71-012003
71-012007
71-012016
71-012039
71-012040
71-012047
71-012054
71-012065
71-012070
71-012077
71-012092
71-012100
71-012108
71-012109
71-012110

...CONTINUED...
- Habitat Alterations
  - Channelization
    - 71-012111
    - 71-012116
    - 71-012117
    - 71-012118
    - 71-012119
    - 71-012158
    - 71-012526
    - 71-012938
  - Chemical Reclamation
    - 71-012285
    - 71-012287
    - 71-012299
    - 71-012863
    - 71-013033
    - 71-013106
  - Clearcutting
    - 71-011925
    - 71-011944
    - 71-011949
    - 71-011965
    - 71-012069
    - 71-012106
  - Clearing and Snagging
    - 71-011963
    - 71-011999
    - 71-012014
    - 71-012100
  - Coal Conversion Effluents
    - 71-010260
  - Dams
    - 71-008300
    - 71-010358
    - 71-011872
    - 71-011902
    - 71-012063
    - 71-012684
    - 71-013313
  - Dikes
    - 71-012053
    - 71-012065
  - Drawdowns
    - 71-010140
  - Dredging
    - 71-007264
    - 71-010350
    - 71-010400
    - 71-011666
    - 71-011857
    - 71-011866
    - 71-011873
    - 71-011889
    - 71-011911
    - 71-011961
    - 71-011966
    - 71-011973
    - 71-011975
    - 71-011985
    - 71-012015
    - 71-012048
    - 71-012067
    - 71-012075
    - 71-012078
    - 71-012083
    - 71-012087
    - 71-012098
    - 71-012101
    - 71-012102
    - 71-012112
    - 71-013017
  - Energy Development
    - 71-010125
    - 71-010170
    - 71-010378
    - 71-011869
    - 71-011974
    - 71-012005
    - 71-012088
    - 71-012114
    - 71-013483
  - Eutrophication
    - 71-007480
  - Explosives
    - 71-012090
  - Fertilization/Soil and Water
    - 71-012643
    - 71-012648
    - 71-013027
  - Fire
    - 71-008295
  - Flow Regimes
    - 71-006356
    - 71-006553
    - 71-006560
    - 71-007158
    - 71-011858
    - 71-011882
    - 71-011885
    - 71-011886
    - 71-011887
    - 71-011939
    - 71-011942
    - 71-011956
    - 71-011957
    - 71-011958
    - 71-011982
    - 71-011983
    - 71-012020
    - 71-012021
    - 71-012022
    - 71-012023
    - 71-012024
    - 71-012025
    - 71-012026
    - 71-012027
    - 71-012028
    - 71-012029

...CONTINUED...
- Habitat Alterations
  - Flow Regimes
    - 71-012030
    - 71-012031
    - 71-012032
    - 71-012033
    - 71-012034
    - 71-012035
    - 71-012036
    - 71-012059
    - 71-012081
    - 71-012924
    - 71-012934
    - 71-012938
    - 71-012969
    - 71-012972
    - 71-012974
    - 71-012975
    - 71-012978
    - 71-012997
    - 71-012998
    - 71-013479
    - 71-013480
    - 71-013496
  - Forestry Practices
    - 71-010478
    - 71-011874
    - 71-011922
    - 71-011925
    - 71-011944
    - 71-011947
    - 71-011949
    - 71-011965
    - 71-011996
    - 71-012037
    - 71-012038
    - 71-012046
    - 71-012062
    - 71-012069
    - 71-012074
    - 71-012106
    - 71-012113
    - 71-012976
    - 71-013412
    - 71-013474
    - 71-013476
  - General
    - 71-007949
    - 71-011635
    - 71-011711
    - 71-011875
    - 71-011878
    - 71-011891
    - 71-011892
    - 71-011927
    - 71-011971
    - 71-012068
    - 71-012587
    - 71-012909
  - General/Estuaries
    - 71-001131
    - 71-013134
  - Geothermal Development
    - 71-010170
    - 71-011988
    - 71-012114
  - Gravel Cleaning
    - 71-012009
  - Grazing
    - 71-011760
    - 71-011861
    - 71-011896
    - 71-011903
    - 71-012008
    - 71-012049
    - 71-012050
    - 71-012051
    - 71-012052
    - 71-012066
    - 71-012080
    - 71-012100
    - 71-012982
  - Impoundment
    - 71-006849
    - 71-008067
    - 71-008245
    - 71-011860
    - 71-011872
    - 71-011884
    - 71-011893
    - 71-011894
    - 71-011920
    - 71-012002
    - 71-012966
    - 71-013117
  - Irrigation Projects
    - 71-011990
  - Kelp Destruction
    - 71-000006
  - Land Use Practices
    - 71-011931
    - 71-011996
    - 71-011997
    - 71-012106
    - 71-013474
    - 71-013477
  - Landfills
    - 71-011952
  - Marsh Ditching
    - 71-011998
  - Midwater Structures
    - 71-011951
    - 71-012064
  - Mining
    - 71-010125
    - 71-010289
    - 71-010472

...CONTINUED...
- Habitat Alterations
  - Mining
    - 71-011751
    - 71-011869
    - 71-011921
    - 71-011974
    - 71-012005
    - 71-012012
    - 71-012013
    - 71-012060
    - 71-012061
    - 71-012088
    - 71-013473
    - 71-013486
    - 71-013488
    - 71-013498
  - Mosquito Control
    - 71-013128
    - 71-013449
  - Offshore Drilling
    - 71-008210
    - 71-010277
    - 71-010494
    - 71-011676
    - 71-011868
    - 71-011897
    - 71-011898
    - 71-011904
    - 71-011910
    - 71-011941
    - 71-011953
    - 71-011962
    - 71-011992
    - 71-012000
    - 71-012019
    - 71-012094
    - 71-012120
  - Perspectives/Canada
    - 71-010183
  - Pipelines
    - 71-011905
    - 71-012099
    - 71-012100
  - Pumped Storage
    - 71-001084
    - 71-001321
    - 71-005639
    - 71-007483
    - 71-011877
    - 71-011901
    - 71-011945
    - 71-011946
    - 71-011980
    - 71-011981
    - 71-012006
    - 71-012043
    - 71-012084
    - 71-012093
    - 71-013082
    - 71-013484
    - 71-013491
    - 71-013493
    - 71-013494
    - 71-013495
  - Reservoir Release Effects
    - 71-008300
    - 71-008440
    - 71-011859
    - 71-011909
    - 71-011914
    - 71-011942
    - 71-011943
    - 71-011956
    - 71-011957
    - 71-011958
    - 71-012020
    - 71-012034
    - 71-012035
    - 71-012036
    - 71-012104
    - 71-012121
    - 71-012959
    - 71-012960
    - 71-012969
    - 71-012974
    - 71-013018
    - 71-013064
    - 71-013071
    - 71-013089
    - 71-013090
  - Road Construction
    - 71-011865
    - 71-011871
    - 71-011899
    - 71-011986
    - 71-011987
    - 71-011995
    - 71-012072
    - 71-012089
    - 71-012113
    - 71-012115
    - 71-012976
  - Shoreline Structures
    - 71-012017
    - 71-012018
  - Siltation
    - 71-012976
  - Stream Improvement/General
    - 71-011890
    - 71-011891
    - 71-011968
    - 71-011969
    - 71-011970
    - 71-011991
    - 71-011995
    - 71-012001
    - 71-012040
    - 71-012115

...CONTINUED...
- Habitat Alterations
  - Stream Improvement/General
    - 71-012950
    - 71-012958
    - 71-012987
    - 71-013003
  - Tide Gates
    - 71-011908
  - Transmission Lines
    - 71-011862
    - 71-011930
    - 71-011938
  - Trout Stream Management
    - 71-011970
  - Urban Development
    - 71-012073
    - 71-012107
  - Water Diversions
    - 71-008901
    - 71-011883
    - 71-012082
    - 71-012998
  - Water Level Fluctuations
    - 71-006157
    - 71-012100
    - 71-012105
    - 71-013075
    - 71-013114
    - 71-013125
- Invertebrates
  - Abate
    - 71-000533
  - Acid Mine Water
    - 71-010265
    - 71-010461
    - 71-010909
  - Acoustical Methods
    - 71-013410
  - Acrolein
    - 71-011071
  - Aeration
    - 71-011926
  - Agricultural Drainage
    - 71-011997
  - Algacides
    - 71-010344
  - Alpheus purpurilenticularis
    - 71-005122
  - Ammonia
    - 71-010875
  - Annelids
    - 71-001287
  - Antimycin
    - 71-011572
    - 71-011585
    - 71-011588
    - 71-011596
  - Arenicola marina
    - 71-010156
  - Arsenic
    - 71-011410
  - Artemia
    - 71-001037
  - Bayer 2353
    - 71-011589
    - 71-011608
  - Bayer 73
    - 71-010822
    - 71-011607
    - 71-011608
  - Benthos/Drift
    - 71-001276
    - 71-011860
  - BHC
    - 71-011340
  - Bioassay Techniques
    - 71-010659
    - 71-010747
    - 71-010860
    - 71-011034
    - 71-011078
    - 71-011079
  - Biochemical Composition
    - 71-002667
  - Biocides
    - 71-011046
  - Branchiura
    - 71-009592
  - Bromine Chloride
    - 71-010666
  - Cadmium
    - 71-010703
    - 71-010704
    - 71-011088
    - 71-011189
  - Channelization
    - 71-011863
    - 71-011937
    - 71-011948
    - 71-011997
    - 71-012054
    - 71-012070
    - 71-012077
    - 71-012108
    - 71-012116
    - 71-012117
    - 71-012119
  - Chaoborus
    - 71-007314
  - Chironomidae
    - 71-000551
    - 71-001188
    - 71-001267
    - 71-001268
    - 71-001269
    - 71-001291
    - 71-007078

...CONTINUED...
Invertebrates
  Chlordane
   71-010683
   71-011268
  Chlorine
   71-010835
   71-010875
   71-011046
   71-011511
  Chlorpyrifos
   71-011170
   71-011171
  Coelenterates
   71-001298
  Copepoda
   71-001305
   71-001308
   71-001325
  Copper
   71-010742
   71-011331
   71-011535
   71-011536
  Copper Sulfate
   71-010344
  Corbicula manilensis
   71-011574
  Craspedacusta sowerbyi
   71-006857
  Crayfish
   71-007259
   71-012310
  Crayfish Culture
   71-000067
   71-001007
  Culture/Propagation
   71-000626
   71-000980
   71-000991
   71-001001
   71-001037
  Cumacea
   71-001289
  Dalapon
   71-010642
  Daphnia carinata
   71-000980
  DDT
   71-010180
   71-011268
  Decapoda
   71-001294
  Diazinon
   71-010765
   71-010968
   71-011161
  Dieldrin
   71-010980
  Diquat
   71-010599
  Dredge Spoils
   71-012101
  Dredging
   71-011973
   71-012048
   71-012067
   71-012083
   71-012098
   71-012101
  Dyes
   71-012361
  Electrofishing
   71-012489
   71-012517
   71-012582
  Electroplating Effluents
   71-010486
  Endosulfan
   71-011071
  Endothall
   71-010599
   71-011354
  Endrin
   71-011468
  Ephemeroptera
   71-001189
  Euphausia pacifica
   71-001301
   71-001347
  Fenitrothion
   71-011449
  Fenthion
   71-010467
  Fire Retardants
   71-010957
  Floods
   71-001187
   71-001241
   71-001274
   71-012984
  Flow Regimes
   71-011939
   71-012951
  Foods/Feeding
   71-001185
  Forage Introductions
   71-012435
  Forestry Practices
   71-012038
  Formalin
   71-010604
  Furanace
   71-011087
  Gammarus
   71-001001
  Harpacticoida
   71-001308
  Heavy Metals
   71-010122

...CONTINUED...
Invertebrates
  Heavy Metals
   71-010344
   71-010486
   71-010497
   71-010621
   71-010622
   71-010646
   71-010703
   71-010704
   71-010742
   71-010760
   71-010849
   71-010857
   71-011088
   71-011189
   71-011331
   71-011403
   71-011535
   71-011536
  Heptachlor
   71-011071
  Herbicides
   71-010599
   71-010642
   71-011071
   71-011354
  Holothuroidea
   71-001253
  Hydraulic Fluids
   71-011182
  Hydrogen Sulfide
   71-011391
  Hydromedusae
   71-001298
  Hydropsyche
   71-001270
  Hyperoche medusarum
   71-007316
  Imidan
   71-010961
  Impingement/Entrainment
   71-012677
  Industrial Wastes
   71-010281
   71-010502
  Insecticides
   71-000533
   71-010180
   71-010580
   71-010683
   71-010765
   71-010771
   71-010789
   71-010961
   71-010968
   71-010980
   71-010982
   71-011071
   71-011144
   71-011161
   71-011170
   71-011171
   71-011261
   71-011268
   71-011340
   71-011341
   71-011449
   71-011468
  Insects/Keys
   71-001218
  Insects/Taxonomy
   71-001251
  Invertebrate Culture
   71-000067
  Kepone
   71-010580
   71-011341
  Land Use Practices
   71-011997
  Lindane
   71-011268
   71-011340
  Logging Residue
   71-010106
  Lumbricids
   71-001287
  Malachite Green
   71-010603
  Mercury
   71-010122
   71-010646
   71-010760
   71-010857
   71-011403
  Mesidotea entomon
   71-011236
  Methoxychlor
   71-010771
   71-011144
  Mine Effluents
   71-010072
   71-010080
   71-010111
   71-010245
   71-010265
   71-010461
   71-010849
   71-010909
  Molluscs
   71-008280
  Mya arenaria
   71-010152
   71-011419
   71-011488
  Mysis relicta
   71-001212
   71-001234

...CONTINUED...
Invertebrates
  Mysis relicta
   71-001246
   71-001252
   71-001306
   71-001314
   71-011945
   71-011946
   71-012435
  Mytilus edulis
   71-011488
  Oil
   71-010084
   71-010087
   71-010152
   71-010159
   71-010177
   71-010246
   71-010262
   71-010283
   71-010288
   71-010325
   71-010391
   71-010401
   71-010457
   71-010567
   71-010596
   71-010606
   71-010807
   71-011034
   71-011236
   71-011292
   71-011419
   71-011488
  Oil Dispersants
   71-010610
  Oil Refinery Effluents
   71-011034
  Oil Shale Effluents
   71-010111
  Orconectes propinquus
   71-007259
   71-007260
  Orconectes virilis
   71-001234
   71-001242
   71-001243
   71-001244
   71-001245
   71-006944
  Ostracods
   71-007307
  Ostrea edulis
   71-011488
  Pacifastacus fortis
   71-001199
  Pacifastacus leniusculus
   71-001206
  Palaemonetes pugio
   71-010789
  Parathion
   71-010789
  Pentachlorophenol
   71-011448
  Pentron D-90
   71-010667
  Permethrin
   71-011261
  Pesticides
   71-010467
  pH
   71-010133
  Phenols
   71-010746
   71-011200
   71-011570
  Phosphate
   71-004132
  Phosphate Esters
   71-011182
  Phthalate Acid Esters
   71-010955
  Piscicides
   71-010882
   71-011574
   71-011580
   71-011585
   71-011588
   71-011589
   71-011592
   71-011596
   71-011607
   71-011608
   71-011613
  Pollution
   71-001231
   71-010056
   71-010319
   71-010383
   71-010501
  Pontoporeia hoyi
   71-001252
   71-010245
  Population Studies
   71-001245
  Pounce
   71-011261
  Power Plant Effluents
   71-010059
   71-010205
   71-010667
   71-010835
   71-011046
  Predator/Prey Relationships
   71-001252
   71-001306
   71-006798
   71-006901

...CONTINUED...
Invertebrates
  Predator/Prey Relationships
   71-006908
   71-006910
   71-006911
   71-006944
   71-006971
   71-006972
   71-007116
   71-007260
   71-007262
   71-007263
   71-007276
   71-007282
   71-007303
   71-007307
   71-007314
   71-010789
  Procambarus clarkii
   71-001007
   71-001232
   71-006906
  Pulp Mill Effluents
   71-010470
   71-010714
  Pumped Storage
   71-001321
  Radioactive Wastes
   71-010537
  Repopulation
   71-001296
   71-010199
  Reservoir Release Effects
   71-011859
   71-011943
   71-012104
  Road Construction
   71-011871
  Rotenone
   71-010882
   71-011580
   71-011585
   71-011613
  Salt
   71-010101
  Sediment Bioassays
   71-010910
   71-010911
   71-011260
  Sedimentation
   71-001233
   71-001236
  Selenium
   71-010607
   71-010855
  Sewage Effluents
   71-010502
   71-010562
   71-011511
  Sipuncula
   71-001198
  Stenonema
   71-001189
  Streptocephalus seali
   71-011167
  Surfactants
   71-011077
   71-011078
  Symphitopsyche
   71-001270
  Tardigrada
   71-001255
  Temephos
   71-000533
   71-011170
   71-011171
  TFM
   71-011607
  Thermal Pollution
   71-004011
   71-010011
   71-010014
   71-010059
   71-010060
   71-010061
   71-010062
   71-010082
   71-010132
   71-010153
   71-010205
   71-010206
   71-010247
   71-010261
   71-010292
   71-010421
   71-010489
   71-010835
  Thermal Shock
   71-004011
  Tides
   71-001292
  Trace Metals
   71-010855
  Trichoptera
   71-001270
   71-006910
  Trifluralin
   71-011071
  Tritium
   71-010537
  Trophic Relationships
   71-007069
   71-007078
  Turbidity
   71-001236
  Ubiquinones
   71-002667

...CONTINUED...
Invertebrates
  Uca pugnax
   71-010246
  Urosalpinx cinerea
   71-010087
  Water Level Fluctuations
   71-012105
   71-013075
  Watershed Development
   71-010438
  2,4-D
   71-010642
Limnology
  Acid Precipitation
   71-001146
   71-010145
   71-010191
  Acidification
   71-010396
  Airborne Litterfall
   71-001075
   71-001091
   71-001128
   71-001349
  Bacteria
   71-001062
   71-001334
   71-012903
  Benthos
   71-000275
   71-000423
   71-001060
   71-001088
   71-001094
   71-001185
   71-001186
   71-001188
   71-001189
   71-001191
   71-001192
   71-001195
   71-001196
   71-001197
   71-001200
   71-001204
   71-001206
   71-001210
   71-001212
   71-001214
   71-001216
   71-001218
   71-001219
   71-001220
   71-001226
   71-001228
   71-001230
   71-001231
   71-001233
   71-001234
   71-001235
   71-001242
   71-001244
   71-001245
   71-001251
   71-001254
   71-001260
   71-001261
   71-001263
   71-001266
   71-001267
   71-001268
   71-001269
   71-001270
   71-001271
   71-001274
   71-001281
   71-001285
   71-001286
   71-001287
   71-001288
   71-001291
   71-001296
   71-001368
   71-007016
   71-008253
   71-010072
   71-010160
   71-010206
   71-010247
   71-010261
   71-010281
   71-010438
   71-010486
   71-010501
   71-010502
   71-011859
   71-011869
   71-012077
   71-012105
   71-012766
   71-012855
   71-012951
   71-013075
   71-013474
  Benthos/Drift
   71-001194
   71-001217
   71-001227
   71-001239
   71-001249
   71-001265
   71-001276
   71-001277
   71-001283
   71-001295
   71-006757
   71-007088
   71-011860

...CONTINUED...
Limnology
  Benthos/Drift
   71-012116
  Bioenergetics
   71-001099
   71-001358
   71-001365
  Biological Indicators
   71-010201
  BOD
   71-001179
  Chemical
   71-001136
   71-001138
   71-001141
   71-001150
   71-001151
   71-001155
   71-001168
  Chloride
   71-001155
  Chlorophyll
   71-001354
  Color
   71-001182
  Currents
   71-001111
   71-001120
   71-001292
  Eutrophication
   71-001054
   71-001066
   71-001067
   71-001072
   71-001080
   71-001082
   71-001086
   71-001097
   71-001138
   71-001139
   71-001141
   71-001145
   71-001164
   71-001173
   71-001176
   71-001181
   71-001183
   71-001184
   71-001318
   71-001326
   71-001328
   71-001343
   71-001348
   71-001349
   71-001353
   71-001369
   71-005637
   71-008312
   71-010049
   71-010140
   71-010236
   71-010337
   71-010374
   71-012839
   71-012855
   71-012860
   71-012871
   71-012903
   71-013122
  Forestry Practices
   71-011925
  General
   71-000410
   71-001051
   71-001052
   71-001056
   71-001060
   71-001062
   71-001064
   71-001066
   71-001068
   71-001069
   71-001070
   71-001071
   71-001081
   71-001083
   71-001084
   71-001092
   71-001093
   71-001098
   71-001100
   71-007707
   71-007956
   71-008059
   71-008332
   71-008360
   71-012880
   71-012884
   71-012886
   71-013030
  General/Israel: Lake Kinneret
   71-001089
  Geomorphology
   71-001118
  Heat Budgets
   71-001115
  Heavy Metals
   71-001140
  Hydraulics
   71-001118
  Hydrologic Regimes
   71-001087
  Ichthyoplankton
   71-005930
   71-012509
  Iron
   71-001136
   71-001140

...CONTINUED...
Limnology
  Lake Classification
   71-001097
  Light Extinction
   71-001116
  Lipids
   71-001165
  Manganese
   71-001136
  Mercury
   71-001178
  Modeling
   71-001085
  Nitrogen
   71-001177
   71-003749
  Nutrient Control
   71-001082
   71-001173
  Nutrients
   71-000311
   71-000314
   71-001055
   71-001086
   71-001087
   71-001130
   71-001134
   71-001137
   71-001139
   71-001145
   71-001147
   71-001148
   71-001151
   71-001154
   71-001156
   71-001163
   71-001164
   71-001166
   71-001167
   71-001171
   71-001172
   71-001173
   71-001175
   71-001176
   71-001181
   71-001183
   71-001184
   71-001322
   71-001328
   71-001343
   71-001349
   71-001356
   71-001361
   71-001363
   71-001366
   71-001369
   71-010337
   71-012839
  Oxygen
   71-001055
   71-001138
   71-001162
   71-012113
  Oxygen Budgets
   71-001180
  Oxygen Deficits
   71-001142
   71-001157
  Paleolimnology
   71-001074
  Periphyton
   71-001088
   71-012057
  Perspectives/Canada
   71-001098
  pH
   71-001014
  Phosphorus
   71-001086
   71-001134
   71-001139
   71-001145
   71-001154
   71-001156
   71-001163
   71-001166
   71-001167
   71-001171
   71-001172
   71-001173
   71-001175
   71-001181
   71-001183
   71-001184
   71-001328
   71-001361
   71-001363
  Physical
   71-001088
  Phytoplankton
   71-001173
   71-001303
   71-001307
   71-001324
   71-001327
   71-001331
   71-001341
   71-001356
   71-011955
  Plankton
   71-000436
   71-001051
   71-001062
   71-001322
   71-001328
   71-001332
   71-001343
   71-001344
   71-010049

...CONTINUED...
Limnology
  Primary Production
   71-000301
   71-000401
   71-001307
   71-001332
   71-001349
   71-001352
   71-001355
   71-001356
   71-001357
   71-001358
   71-001359
   71-001361
   71-001363
   71-001364
   71-001365
   71-001366
   71-001367
   71-001368
   71-001369
   71-005905
   71-006043
   71-006905
   71-008395
   71-010429
   71-011936
   71-011979
   71-012057
   71-012656
   71-012666
   71-012882
   71-013031
  Pumped Storage
   71-011980
  Secondary Production
   71-000275
   71-001201
   71-001316
   71-001319
   71-001320
   71-001330
   71-005905
   71-006043
   71-006152
   71-006905
   71-008341
   71-008362
   71-013031
  Sediments
   71-001122
   71-001123
   71-001152
   71-001164
  Selenium
   71-001170
  Seston
   71-011950
  Stratification
   71-001115
   71-001126
   71-001142
   71-001197
   71-010334
  Stream Classification
   71-012977
  Stream Morphology
   71-012977
  Summerkill
   71-000155
  Techniques/Algal Assays
   71-001350
   71-001362
  Techniques/Benthos
   71-001190
   71-001193
   71-001202
   71-001207
   71-001208
   71-001209
   71-001211
   71-001213
   71-001221
   71-001223
   71-001224
   71-001225
   71-001229
   71-001237
   71-001238
   71-001240
   71-001247
   71-001256
   71-001257
   71-001259
   71-001262
   71-001264
   71-001272
   71-001273
   71-001275
   71-001278
   71-001279
   71-001282
   71-001284
   71-001290
   71-001293
   71-010207
   71-012798
   71-013383
  Techniques/Core Samplers
   71-001112
   71-001127
   71-001215
   71-001248
   71-001258
  Techniques/Current Meters
   71-001111
  Techniques/Dissolved Gases
   71-001169
  Techniques/Emergent Insects
   71-001190

...CONTINUED...
- Limnology
  - Techniques/Emergent Insects
    - 71-001261
  - Techniques/Leaf Decomposition
    - 71-001061
  - Techniques/Mapping
    - 71-001110
  - Techniques/Modeling
    - 71-001326
  - Techniques/Oxygen
    - 71-001132
    - 71-001153
  - Techniques/Periphyton
    - 71-001299
  - Techniques/Phytoplankton
    - 71-001300
  - Techniques/Plankton
    - 71-012486
  - Techniques/Plankton Samplers
    - 71-001302
    - 71-001304
    - 71-001317
    - 71-001338
  - Techniques/Primary Production
    - 71-001360
  - Techniques/Satellite Imagery
    - 71-001054
    - 71-013381
  - Techniques/Sediment Traps
    - 71-001108
  - Techniques/Sediments
    - 71-001205
  - Techniques/Substrate Samplers
    - 71-001250
  - Techniques/Temperature
    - 71-001104
  - Techniques/Turbidity
    - 71-001102
  - Techniques/Water Analysis Kits
    - 71-001135
  - Techniques/Water Samplers
    - 71-001058
  - Techniques/Zooplankton
    - 71-001310
    - 71-001312
    - 71-001340
  - Temperature
    - 71-001055
  - Temperature Prediction
    - 71-001114
    - 71-001124
    - 71-012789
  - Trace Metals
    - 71-001143
    - 71-001158
  - Trophic Relationships
    - 71-000085
    - 71-001076
    - 71-001099
    - 71-001316
    - 71-001330
    - 71-001365
    - 71-006837
    - 71-007078
  - Trophic Status
    - 71-001079
  - Vitamins
    - 71-001331
  - Water Circulation
    - 71-001119
  - Winterkill
    - 71-001162
    - 71-012908
  - Zooplankton
    - 71-001094
    - 71-001297
    - 71-001309
    - 71-001311
    - 71-001315
    - 71-001316
    - 71-001318
    - 71-001319
    - 71-001320
    - 71-001321
    - 71-001323
    - 71-001326
    - 71-001330
    - 71-001333
    - 71-001339
    - 71-001346
    - 71-006584
    - 71-006837
    - 71-007277
    - 71-007303
    - 71-010205
    - 71-012006
    - 71-012855
    - 71-013082
    - 71-013090
- Management/Research--Estuaries
  - Bibliographies
    - 71-013447
  - Bibliographies/Canada
    - 71-013132
  - Creel Census
    - 71-012126
    - 71-012222
  - Distribution/Seasonal
    - 71-013135
    - 71-013140
  - Dredging
    - 71-011857
    - 71-011873
    - 71-012102
  - Exploitation Rates
    - 71-013133
  - Fishing Gear
    - 71-012625

...CONTINUED...
- Management/Research--Estuaries
  - General
    - 71-011711
    - 71-013129
    - 71-013130
    - 71-013131
    - 71-013133
    - 71-013136
    - 71-013137
    - 71-013138
    - 71-013141
    - 71-013142
    - 71-013143
    - 71-013144
  - Habitat Alterations
    - 71-011875
    - 71-012017
    - 71-012018
    - 71-013134
  - Hydraulic Models
    - 71-001125
  - India
    - 71-000100
  - Mosquito Control
    - 71-013128
  - Nursery Areas
    - 71-013145
  - Offshore Drilling
    - 71-011992
  - Pollution
    - 71-010272
  - Population Studies
    - 71-006082
  - Production
    - 71-013139
    - 71-013447
  - Trophic Relationships
    - 71-007266
  - USSR: Courland Lagoon
    - 71-005602
- Management/Research--General
  - Access
    - 71-012829
  - Administration
    - 71-011735
    - 71-011780
    - 71-011784
    - 71-011797
    - 71-011799
    - 71-011803
    - 71-011808
    - 71-011818
    - 71-011829
  - Administrative Reports
    - 71-011703
    - 71-011822
    - 71-011853
  - Alaska
    - 71-011623
    - 71-011707
  - American Fisheries Society
    - 71-008890
    - 71-011782
    - 71-011814
  - Arizona
    - 71-011626
  - Artificial Reefs
    - 71-011989
  - Biographies/Carl L. Hubbs
    - 71-011670
  - Biographies/Charles Woods
    - 71-011750
  - Biographies/H. S. Swingle
    - 71-011634
  - Biographies/L. S. Berg
    - 71-011693
  - Biographies/Pieter Korringa
    - 71-011648
  - Biographies/V. K. Soldatov
    - 71-011755
  - California
    - 71-011663
  - Canada
    - 71-011638
    - 71-011653
    - 71-011742
    - 71-011805
  - Canada: Ontario
    - 71-011697
    - 71-011802
  - China
    - 71-011757
  - Colorado
    - 71-011827
  - Commercial Fishing
    - 71-011710
    - 71-012232
    - 71-012244
    - 71-012252
    - 71-012264
    - 71-012267
    - 71-012272
    - 71-012273
  - Computer Applications
    - 71-011701
    - 71-012727
  - Creel Census
    - 71-012185
    - 71-012193
  - Czechoslovakia
    - 71-011723
  - Dingell-Johnson Program
    - 71-011702
  - Ecological Analysis
    - 71-011680
    - 71-011701
    - 71-011776
    - 71-011777

...CONTINUED...
- Management/Research--General
  - Ecological Analysis
    - 71-011786
  - Economic Values
    - 71-011620
    - 71-011627
    - 71-011632
    - 71-011709
    - 71-011710
    - 71-011729
    - 71-012125
    - 71-012127
    - 71-012133
    - 71-012134
    - 71-012138
    - 71-012143
    - 71-012151
    - 71-012172
    - 71-012209
    - 71-012224
    - 71-012231
    - 71-012244
    - 71-012267
    - 71-012273
  - Educational Programs
    - 71-000077
    - 71-011630
    - 71-011631
    - 71-011712
    - 71-011783
    - 71-011795
    - 71-011800
    - 71-011810
  - Endangered/Threatened Species
    - 71-011728
  - Energy Development
    - 71-001049
    - 71-011662
    - 71-011751
  - Europe
    - 71-011652
  - Exotic Species
    - 71-011990
    - 71-012430
    - 71-012466
  - Fee-Fishing
    - 71-012162
  - Fish and Wildlife Coordination Act
    - 71-011719
    - 71-011790
    - 71-011791
    - 71-011817
  - Fisherman Surveys
    - 71-011650
    - 71-011753
    - 71-012132
    - 71-012143
    - 71-012144
    - 71-012162
    - 71-012168
    - 71-012169
    - 71-012177
    - 71-012179
    - 71-012191
    - 71-012207
    - 71-012209
    - 71-012218
    - 71-012227
    - 71-012228
    - 71-012229
  - Fishing Tournaments
    - 71-011667
    - 71-011736
    - 71-011739
    - 71-013047
  - Fry, F.E.J.
    - 71-011680
    - 71-011694
  - General
    - 71-011619
    - 71-011623
    - 71-011625
    - 71-011627
    - 71-011649
    - 71-011657
    - 71-011658
    - 71-011660
    - 71-011664
    - 71-011674
    - 71-011685
    - 71-011713
    - 71-011714
    - 71-011718
    - 71-011740
    - 71-011745
    - 71-011749
    - 71-011753
    - 71-011754
    - 71-011770
    - 71-011802
    - 71-011813
    - 71-011830
    - 71-011832
    - 71-012281
  - Grazing
    - 71-011760
  - Habitat Evaluation
    - 71-011700
    - 71-011701
    - 71-011811
  - Habitat Rating Systems
    - 71-011700
  - Harvest
    - 71-005896
    - 71-011732
    - 71-011774
    - 71-011831
    - 71-011851

...CONTINUED...
- Management/Research--General
  - Harvest
    - 71-012148
    - 71-012149
    - 71-012150
    - 71-012153
    - 71-012154
  - Harvest/Israel
    - 71-012206
  - Hooking Mortality
    - 71-011673
    - 71-011722
    - 71-011765
    - 71-011766
    - 71-011767
    - 71-012279
  - Idaho
    - 71-011668
  - Information Systems
    - 71-011716
    - 71-011787
  - Jurisdiction
    - 71-011637
    - 71-011639
    - 71-011688
    - 71-011690
    - 71-011706
    - 71-011715
    - 71-011763
    - 71-012236
    - 71-012270
    - 71-012271
    - 71-013339
  - Law Enforcement
    - 71-011696
    - 71-012243
  - Legislation
    - 71-011655
    - 71-011675
    - 71-011689
  - License Sales
    - 71-011804
  - Management Decisions
    - 71-011671
    - 71-011682
    - 71-011712
    - 71-011769
    - 71-011778
    - 71-011793
    - 71-011808
    - 71-011816
    - 71-012728
    - 71-012792
  - Maximum Economic Yield
    - 71-011741
  - Mitigation
    - 71-011719
    - 71-011720
    - 71-011737
    - 71-011756
    - 71-011798
  - Montana
    - 71-011699
  - NEPA
    - 71-001048
    - 71-011666
  - New Hampshire
    - 71-011845
  - New Zealand
    - 71-011633
  - New Zealand: South Westland
    - 71-011656
  - Northern Ireland
    - 71-011820
  - Optimum Sustainable Yield
    - 71-011621
    - 71-011636
    - 71-011645
    - 71-011661
    - 71-011704
    - 71-011731
  - Oregon
    - 71-011758
  - Perspectives
    - 71-000124
  - Perspectives/Canada
    - 71-011695
    - 71-011730
    - 71-011789
  - Planning
    - 71-000124
    - 71-011640
    - 71-011771
    - 71-011779
    - 71-011785
    - 71-011792
    - 71-011793
    - 71-011796
    - 71-011801
    - 71-011802
    - 71-011805
    - 71-011806
    - 71-011809
    - 71-011812
  - Poland
    - 71-011774
  - Population Studies
    - 71-006034
    - 71-006079
  - Production
    - 71-011717
  - Professionalism
    - 71-011678
    - 71-011681
    - 71-011738
    - 71-011743
    - 71-011759
    - 71-011764

...CONTINUED...
Management/Research--General
Recreational Benefits
71-011721
71-012142
Regulations/Catch Limits
71-012276
Regulations/General
71-012234
71-012237
71-012238
71-012241
71-012245
71-012246
71-012251
71-012259
71-012263
71-012270
71-012275
71-012277
71-012281
71-012282
71-012283
71-012284
Regulations/Limited Entry
71-011638
71-012232
71-012233
71-012244
71-012252
71-012264
71-012267
71-012272
71-012273
Regulations/Size Limits
71-012240
71-012242
71-012249
71-012258
71-012261
71-012262
Regulations/Trout Stamps
71-012958
River Basin Commissions
71-011809
Salaries
71-011815
Scotland
71-011624
Social Factors
71-011644
Stocking/Introductions
71-008262
71-012430
71-012474
Subsistence Fishing
71-011629
71-011725
Terminology
71-011691
USSR
71-011628
USSR: Siberia
71-011724
Watershed Management
71-011760
Wetlands
71-011711
Wilderness Areas
71-011643
71-011651
71-011659
71-011669
71-011672
71-011698
71-011708
71-012132
Wyoming: Yellowstone Natl. Park
71-011762
Management/Research--Lakes
Abundance/Factors of
71-008316
71-012909
Acoustical Methods
71-013403
Acquisition
71-012896
Aeration
71-006703
71-011888
71-011934
71-011955
71-011979
71-011993
71-012095
71-012843
71-012852
71-012902
Alabama
71-012890
Aquatic Plant Control
71-000019
71-000026
71-012840
71-012856
Artificial Reefs
71-012910
Brush Shelters
71-012910
Chemical Reclamation
71-012290
71-012831
71-012832
71-012863
Commercial Fishing
71-012878
71-012887
Creel Census
71-012146

...CONTINUED...
Management/Research--Lakes
Creel Census
71-012166
71-012178
71-012213
71-012216
71-012219
Drawdowns
71-010140
Economic Values
71-012219
71-012838
Educational Programs
71-012869
Eutrophication
71-001067
71-006629
71-008305
71-008347
71-012867
71-012871
71-012883
Exploitation Rates
71-012166
71-012857
71-012878
Fertilization/Soil and Water
71-000265
71-001307
71-012653
71-012660
71-012664
71-012665
71-012667
Fish Control/Removal
71-012297
71-012305
71-012836
71-012877
Fisherman Surveys
71-012178
Forage Introductions
71-007139
71-012428
71-012435
General
71-001068
71-012834
71-012850
71-012851
71-012879
71-012880
Great Lakes
71-001056
71-012830
71-012851
71-012861
71-012864
71-012873
71-012874
71-012892
71-012895
71-012909
71-012911
Habitat Alterations
71-012856
Harvest
71-012130
71-012145
71-012213
71-012834
71-012835
71-012837
71-012839
71-012854
71-012862
71-012866
71-012882
71-012893
71-012901
Indonesia
71-012841
Israel
71-012893
71-012894
Israel: Lake Kinneret
71-001089
Lake Classification
71-001097
Lake Erie
71-012876
Lake Renovation
71-012843
71-012867
71-012870
Michigan
71-012897
Modeling
71-012825
New Zealand
71-007956
Nursery Areas
71-000334
71-001307
71-012664
Nutrient Control
71-012855
Nutrient Removal
71-012883
Oxygen
71-001162
Population Studies
71-005932
71-005937
71-006002
71-006011
71-006012
71-006020

...CONTINUED...
Management/Research--Lakes
Population Studies
71-006042
71-006062
71-006084
71-006102
71-006125
71-006127
71-006138
71-006140
71-006153
71-007414
71-008313
71-008337
71-008357
71-008404
71-008413
71-008436
71-012213
71-012834
71-012835
71-012837
71-012846
71-012854
71-012866
71-012874
71-012884
71-012892
71-012900
71-012907
Predator/Prey Relationships
71-006844
71-012877
Production
71-006093
71-008395
71-012846
71-012862
71-012906
Pumped Storage
71-011981
Put-Grow-and-Take
71-012865
Recreational Carrying Capacity
71-012903
Regulations/Catch Limits
71-012257
Regulations/General
71-012897
Regulations/Size Limits
71-012254
71-012889
Rhode Island
71-013063
Stocking/Introductions
71-008305
71-012166
71-012176
71-012377
71-012382
71-012383
71-012391
71-012405
71-012408
71-012431
71-012443
71-012447
71-012459
71-012468
71-012471
71-012838
71-012875
71-012885
Supplemental Stocking
71-012460
Trophic Relationships
71-006789
71-007095
Watershed Development
71-012860
Winterkill
71-001162
71-012832
71-012833
71-012908
Management/Research--Marine
Acoustical Methods
71-001065
71-013369
71-013413
71-013417
Administrative Reports
71-011823
71-011828
71-011841
71-011844
71-013194
71-013196
Artificial Reefs
71-011906
71-012010
71-012011
71-012041
71-012042
71-012045
71-012076
71-012086
71-012091
71-012103
71-013157
71-013243
71-013275
71-013276
Atlantic Ocean, Southeastern
71-013268
Atlantic Ocean: New York Bight
71-013256
Canada
71-013151

...CONTINUED...
Management/Research--Marine
Canada: Newfoundland
71-013282
Caribbean Area
71-013202
Catastrophe Theory
71-012765
Catch Per Unit Effort
71-013286
Charter Boats
71-012140
71-012141
Commercial Fishing
71-012174
71-012196
71-012202
71-012226
71-013159
71-013169
71-013175
71-013213
71-013227
71-013245
71-013265
71-013266
71-013267
71-013279
71-013279
Creel Census
71-012136
71-012161
71-012171
71-012187
71-012203
71-012221
71-012222
Dredging
71-011966
Economic Values
71-012141
71-012161
71-012173
71-012197
71-012217
71-012226
71-013169
71-013211
71-013243
71-013279
Environmental Factors
71-013319
Exploratory Fishing
71-007994
71-008138
Fish Identification
71-013327
Fisherman Surveys
71-012131
71-012182
71-012198
71-012225
71-013327
Fishery Conservation and Management Act of 1976
71-012250
General
71-000620
71-001095
71-011794
71-011825
71-011833
71-011839
71-011856
71-012777
71-012803
71-012805
71-013131
71-013144
71-013148
71-013153
71-013155
71-013156
71-013169
71-013171
71-013172
71-013180
71-013181
71-013183
71-013184
71-013185
71-013187
71-013189
71-013193
71-013195
71-013200
71-013204
71-013208
71-013209
71-013212
71-013217
71-013219
71-013225
71-013226
71-013234
71-013237
71-013249
71-013250
71-013253
71-013259
71-013268
71-013270
71-013271
71-013289
71-013300
71-013304
71-013308
71-013318
71-013319

...CONTINUED...
- Management/Research--Marine
  - General
    - 71-013320
    - 71-013323
    - 71-013325
  - Habitat Alterations
    - 71-012017
    - 71-012018
    - 71-012068
  - Harvest
    - 71-000134
    - 71-005934
    - 71-011820
    - 71-012152
    - 71-012171
    - 71-012174
    - 71-012180
    - 71-012181
    - 71-012189
    - 71-012196
    - 71-012202
    - 71-012204
    - 71-012211
    - 71-012212
    - 71-013164
    - 71-013175
    - 71-013176
    - 71-013201
    - 71-013227
    - 71-013245
    - 71-013263
    - 71-013295
    - 71-013301
  - Hooking Mortality
    - 71-013228
  - India
    - 71-013191
  - Indian Ocean
    - 71-013188
    - 71-013199
    - 71-013203
  - Japan
    - 71-000606
    - 71-013305
  - Jurisdiction
    - 71-011807
    - 71-012250
    - 71-013147
    - 71-013149
    - 71-013162
    - 71-013166
    - 71-013177
    - 71-013211
    - 71-013214
    - 71-013230
    - 71-013232
    - 71-013237
    - 71-013239
    - 71-013240
    - 71-013241
    - 71-013247
    - 71-013248
    - 71-013264
    - 71-013272
    - 71-013274
    - 71-013283
    - 71-013287
    - 71-013297
    - 71-013306
    - 71-013325
  - Maximum Sustainable Yield
    - 71-013238
    - 71-013310
    - 71-013314
    - 71-013316
  - Mediterranean Sea
    - 71-013168
    - 71-013182
    - 71-013186
  - Mexico
    - 71-013255
  - Midwater Structures
    - 71-011951
  - Modeling
    - 71-013253
  - Offshore Drilling
    - 71-011676
    - 71-011953
  - Optimum Sustainable Yield
    - 71-013270
    - 71-013285
  - Pacific Ocean
    - 71-013252
    - 71-013260
  - Perspectives/Canada
    - 71-013254
  - Pond Culture
    - 71-000639
  - Population Studies
    - 71-005894
    - 71-005934
    - 71-005978
    - 71-006094
    - 71-006103
    - 71-008428
    - 71-013284
  - Production
    - 71-005893
    - 71-013146
  - Regulations/General
    - 71-012235
    - 71-012274
    - 71-012765
  - Regulations/Size Limits
    - 71-012256
    - 71-012751
  - Sea Grant Program
    - 71-013296

...CONTINUED...
- Management/Research--Marine
  - Stocking/Introductions
    - 71-013288
  - Tank Culture
    - 71-000553
  - Technology
    - 71-013299
  - Trophic Relationships
    - 71-007280
- Management/Research--Ponds
  - Aeration
    - 71-011926
    - 71-011933
    - 71-011964
    - 71-012044
    - 71-012079
    - 71-012096
    - 71-012097
    - 71-013010
    - 71-013026
  - Alabama
    - 71-013040
  - Aquatic Plant Control
    - 71-000005
    - 71-000007
    - 71-013014
  - Barriers
    - 71-012702
  - Bibliographies/H. S. Swingle
    - 71-013432
  - Catchout Ponds
    - 71-013012
  - Chemical Reclamation
    - 71-011605
    - 71-013033
  - Creel Census
    - 71-012175
    - 71-012214
    - 71-012223
  - Eutrophication
    - 71-013009
  - Exploitation Rates
    - 71-012214
  - Fertilization/Soil and Water
    - 71-012642
    - 71-012643
    - 71-012644
    - 71-012647
    - 71-012648
    - 71-012649
    - 71-012650
    - 71-012652
    - 71-012654
    - 71-012656
    - 71-012657
    - 71-013027
  - Fish Control/Removal
    - 71-013013
  - Forage Introductions
    - 71-013014
  - General
    - 71-013028
    - 71-013035
    - 71-013037
  - Handbooks
    - 71-013022
    - 71-013023
  - Hybrid Fish
    - 71-004684
  - Invertebrate Collection/Ponds
    - 71-000446
  - Nebraska
    - 71-013023
  - North Carolina
    - 71-013025
  - Pond Culture
    - 71-000155
  - Population Studies
    - 71-006161
    - 71-008353
    - 71-012530
    - 71-013015
    - 71-013031
  - Predator/Prey Relationships
    - 71-013036
  - Production
    - 71-013042
  - Put-Grow-and-Take
    - 71-012865
  - Reservoir Release Effects
    - 71-013018
  - Rhode Island
    - 71-013063
  - Spawning Site Development
    - 71-013016
  - Spring Ponds
    - 71-013017
  - Stocking/Introductions
    - 71-012397
    - 71-013019
    - 71-013020
    - 71-013021
    - 71-013038
    - 71-013044
  - Summerkill
    - 71-000155
    - 71-013008
  - Supplemental Feeding
    - 71-013027
    - 71-013034
  - Trophic Relationships
    - 71-013007
  - Upground Reservoirs
    - 71-012201
  - Water Level Fluctuations
    - 71-013009
  - Watershed Development
    - 71-010049
- Management/Research--Reservoirs
  - Abundance/Factors of
    - 71-013045
    - 71-013100
  - Aeration
    - 71-001115
    - 71-006633
    - 71-007457
    - 71-009627
    - 71-010520
    - 71-011932
    - 71-011933
    - 71-011935
    - 71-012096
    - 71-013061
  - Aquatic Plant Control
    - 71-000002
    - 71-000003
    - 71-000042
    - 71-000048
  - Artificial Reefs
    - 71-011928
    - 71-012056
  - Cage Culture
    - 71-000050
  - Chemical Reclamation
    - 71-012301
    - 71-013106
  - Commercial Fishing
    - 71-005994
    - 71-013066
  - Creel Census
    - 71-012121
    - 71-012122
    - 71-012129
    - 71-012159
    - 71-012164
    - 71-012220
  - Czechoslovakia
    - 71-007253
    - 71-013068
    - 71-013070
    - 71-013072
    - 71-013081
    - 71-013083
    - 71-013084
    - 71-013085
    - 71-013086
    - 71-013103
    - 71-013121
  - Ecological Analysis
    - 71-013051
  - Energy Development
    - 71-013118
    - 71-013119
  - Eutrophication
    - 71-013091
    - 71-013122
  - Fish Control/Removal
    - 71-012293
    - 71-012302
  - Fisherman Surveys
    - 71-012163
  - Fishing Tournaments
    - 71-012122
    - 71-013047
    - 71-013048
    - 71-013104
    - 71-013109
  - Flow Regimes
    - 71-011942
    - 71-013077
  - Flushing Rates
    - 71-013092
  - Forage Introductions
    - 71-006976
    - 71-007102
    - 71-012411
    - 71-012433
    - 71-013079
  - General
    - 71-001333
    - 71-013052
    - 71-013060
    - 71-013067
    - 71-013069
    - 71-013078
    - 71-013101
    - 71-013102
    - 71-013112
  - Habitat Alterations
    - 71-012587
  - Harvest
    - 71-012454
  - India
    - 71-013057
  - Midwater Structures
    - 71-012064
  - Modeling
    - 71-012772
  - Nets/Netting
    - 71-012516
    - 71-012542
  - North Carolina
    - 71-013025
  - Oklahoma: Lake Eufala
    - 71-013067
  - Planning
    - 71-013110
  - Population Studies
    - 71-005655
    - 71-005942
    - 71-005975
    - 71-005994
    - 71-006015
    - 71-006059

...CONTINUED...
- Management/Research--Reservoirs
  - Population Studies
    - 71-006772
    - 71-007006
    - 71-007709
    - 71-012620
    - 71-012772
    - 71-013046
    - 71-013053
    - 71-013054
    - 71-013055
    - 71-013058
    - 71-013074
    - 71-013085
    - 71-013088
    - 71-013093
    - 71-013095
    - 71-013096
    - 71-013097
    - 71-013098
    - 71-013099
    - 71-013103
    - 71-013111
    - 71-013115
    - 71-013116
    - 71-013117
    - 71-013123
    - 71-013127
  - Post-Impoundment Studies
    - 71-012934
  - Predator/Prey Relationships
    - 71-006772
  - Production
    - 71-005999
    - 71-008341
    - 71-013080
    - 71-013102
  - Pumped Storage
    - 71-011877
    - 71-012043
    - 71-012084
    - 71-013484
    - 71-013493
    - 71-013494
    - 71-013495
  - Recreational Benefits
    - 71-012163
  - Regulations/Catch and Release
    - 71-012280
  - Regulations/Size Limits
    - 71-012248
    - 71-012268
  - Reservoir Release Effects
    - 71-010334
    - 71-011909
    - 71-011942
    - 71-011943
    - 71-012104
    - 71-012121
    - 71-012974
    - 71-013018
    - 71-013064
    - 71-013071
    - 71-013089
    - 71-013090
  - Selective Withdrawal
    - 71-013094
  - Stocking/Introductions
    - 71-012129
    - 71-012379
    - 71-012380
    - 71-012388
    - 71-012393
    - 71-012399
    - 71-012412
    - 71-012420
    - 71-012453
    - 71-012464
    - 71-013056
    - 71-013065
    - 71-013084
    - 71-013095
    - 71-013096
    - 71-013099
    - 71-013105
    - 71-013108
  - Tailwaters
    - 71-006154
    - 71-011882
    - 71-011914
    - 71-012121
    - 71-013050
    - 71-013061
    - 71-013062
    - 71-013064
    - 71-013071
    - 71-013090
  - Temperature Prediction
    - 71-012789
  - Tennessee: Norris Reservoir
    - 71-013059
  - Thermal Pollution
    - 71-010182
    - 71-010206
    - 71-010247
    - 71-010261
    - 71-013116
  - Trophic Relationships
    - 71-006858
    - 71-007024
    - 71-013070
  - Trophic Status
    - 71-001079
  - Two-Story Fisheries
    - 71-013049
    - 71-013120
  - Upground Reservoirs
    - 71-012201

...CONTINUED...
- Management/Research--Reservoirs
  - Water Level Fluctuations
    - 71-012105
    - 71-013032
    - 71-013075
    - 71-013076
    - 71-013087
    - 71-013113
    - 71-013114
    - 71-013124
    - 71-013125
- Management/Research--Rivers and Streams
  - Abundance/Factors of
    - 71-008280
    - 71-013005
  - Access
    - 71-012828
  - Aeration
    - 71-011893
  - Backwater Lakes
    - 71-012985
  - Bibliographies
    - 71-013004
  - Channelization
    - 71-007486
    - 71-011880
    - 71-011881
    - 71-011890
    - 71-011912
    - 71-011913
    - 71-011915
    - 71-011916
    - 71-011917
    - 71-011918
    - 71-011919
    - 71-011936
    - 71-011948
    - 71-011959
    - 71-011967
    - 71-011972
    - 71-011978
    - 71-012003
    - 71-012007
    - 71-012039
    - 71-012040
    - 71-012054
    - 71-012077
    - 71-012092
    - 71-012110
    - 71-012111
    - 71-012117
    - 71-012118
    - 71-012526
    - 71-012938
  - Chemical Reclamation
    - 71-011864
    - 71-012285
    - 71-012287
    - 71-012288
    - 71-012292
    - 71-012299
  - Colorado
    - 71-013000
  - Creel Census
    - 71-012128
    - 71-012155
    - 71-012165
    - 71-012992
  - Drift
    - 71-001217
  - Economic Values
    - 71-012123
    - 71-012147
    - 71-012970
  - Fertilization/Soil and Water
    - 71-012666
  - Fisherman Surveys
    - 71-010227
    - 71-012186
    - 71-012208
    - 71-012913
  - Fishing Tournaments
    - 71-012192
  - Flow Regimes
    - 71-011858
    - 71-011874
    - 71-011886
    - 71-011887
    - 71-011939
    - 71-011982
    - 71-012021
    - 71-012022
    - 71-012023
    - 71-012024
    - 71-012025
    - 71-012026
    - 71-012027
    - 71-012028
    - 71-012029
    - 71-012030
    - 71-012031
    - 71-012032
    - 71-012033
    - 71-012916
    - 71-012924
    - 71-012925
    - 71-012931
    - 71-012932
    - 71-012934
    - 71-012938
    - 71-012951
    - 71-012954
    - 71-012959
    - 71-012960
    - 71-012961
    - 71-012972
    - 71-012974
    - 71-012975

...CONTINUED...
- Management/Research--Rivers and Streams
  - Flow Regimes
    - 71-012978
    - 71-012989
    - 71-012995
    - 71-012997
    - 71-012998
    - 71-013479
    - 71-013480
    - 71-013490
  - General
    - 71-001099
    - 71-012928
    - 71-012935
    - 71-012949
    - 71-012952
    - 71-012964
    - 71-012983
    - 71-012996
  - Habitat Alterations
    - 71-011889
    - 71-011891
    - 71-011893
    - 71-011899
    - 71-011944
    - 71-011971
    - 71-011995
    - 71-011999
    - 71-012115
    - 71-012587
    - 71-012968
    - 71-012969
  - Habitat Evaluation
    - 71-013366
  - Habitat Rating Systems
    - 71-012918
    - 71-012919
    - 71-012990
  - Harvest
    - 71-012158
    - 71-013002
  - Heated Water
    - 71-010128
  - Indian Treaty Rights
    - 71-012962
  - Kenya: Nzoia River
    - 71-012915
  - Liming
    - 71-010352
  - Maine: Penobscot River
    - 71-012930
  - Mapping Techniques
    - 71-013366
  - Modeling
    - 71-012757
    - 71-012767
  - Montana: Madison River
    - 71-012994
  - Northern Ireland: Foyle Area
    - 71-011654
  - Pollution Abatement
    - 71-005910
    - 71-010192
  - Population Studies
    - 71-005921
    - 71-006026
    - 71-006072
    - 71-006131
    - 71-006136
    - 71-006148
    - 71-007486
    - 71-007709
    - 71-007852
    - 71-008212
    - 71-008253
    - 71-008974
    - 71-012525
    - 71-012913
    - 71-012922
    - 71-012939
    - 71-012941
    - 71-012956
    - 71-012973
    - 71-013002
  - Pre-Impoundment Studies
    - 71-012933
  - Production
    - 71-006152
  - Pumped Storage
    - 71-013493
  - Put-and-Take
    - 71-012403
    - 71-012424
  - Recreational Benefits
    - 71-012167
    - 71-012186
    - 71-012208
    - 71-012957
  - Regulations/Catch Limits
    - 71-012920
  - Regulations/Catch-and-Release
    - 71-012239
    - 71-012253
    - 71-012260
    - 71-012265
    - 71-012278
  - Regulations/Fishing Gear
    - 71-012255
  - Regulations/General
    - 71-011705
    - 71-012992
  - Regulations/Size Limits
    - 71-006074
    - 71-012247
    - 71-012920
  - Reservoir Release Effects
    - 71-011909
    - 71-011943

...CONTINUED...
- Management/Research--Rivers and Streams
  - Reservoir Release Effects
    - 71-012104
    - 71-012959
    - 71-012966
    - 71-012974
    - 71-013089
  - Restoration of Anadromous Runs
    - 71-000152
    - 71-012914
    - 71-012921
    - 71-012936
    - 71-012945
    - 71-012955
    - 71-012963
    - 71-012971
    - 71-012976
  - Riparian Habitat
    - 71-011896
    - 71-011971
    - 71-012049
    - 71-012050
    - 71-012066
    - 71-012080
    - 71-012100
    - 71-012926
    - 71-012982
  - Sedimentation
    - 71-001233
    - 71-006566
  - Spawning Channels
    - 71-012912
    - 71-012929
  - Standing Crop
    - 71-006136
  - Stocking/Introductions
    - 71-012387
    - 71-012401
    - 71-012429
    - 71-012470
  - Stream Classification
    - 71-012937
    - 71-012977
    - 71-012986
    - 71-012990
    - 71-012991
    - 71-013006
  - Stream Improvement/General
    - 71-011890
    - 71-011891
    - 71-011968
    - 71-011969
    - 71-011995
    - 71-012001
    - 71-012040
    - 71-012587
    - 71-012958
    - 71-012987
    - 71-013003
  - Supplemental Feeding
    - 71-012965
  - Tailwaters
    - 71-006154
    - 71-013050
  - Trophic Relationships
    - 71-001076
    - 71-012981
  - Trout Stream Management
    - 71-011705
    - 71-011864
    - 71-011970
    - 71-012913
    - 71-012944
    - 71-012950
  - Urban Development
    - 71-012073
  - USSR
    - 71-012979
  - Water Diversions
    - 71-012998
  - Water Law
    - 71-013480
  - Watershed Development
    - 71-010236
    - 71-010438
- Modeling
  - Acoustical Methods
    - 71-013388
  - Age/Growth
    - 71-000263
    - 71-004991
    - 71-007387
    - 71-007422
    - 71-007430
    - 71-007456
    - 71-007503
    - 71-007521
    - 71-007606
    - 71-007638
    - 71-012718
    - 71-012729
    - 71-012740
    - 71-012827
  - Benthos/Drift
    - 71-001239
  - Bioassay Techniques
    - 71-011499
  - Bioenergetics
    - 71-007060
    - 71-007523
    - 71-012802
  - Biomagnification
    - 71-011193
  - Catastrophe Theory
    - 71-012765
    - 71-012790
  - Chloride
    - 71-001155

...CONTINUED...
- Modeling
  - Creel Census
    - 71-012185
  - Culture/Propagation
    - 71-000125
    - 71-000187
    - 71-000262
  - DDT Flux
    - 71-011512
  - Digestion Rates
    - 71-002636
  - Economic Values
    - 71-011620
    - 71-013169
  - Ecosystems
    - 71-001056
    - 71-012752
    - 71-012768
    - 71-012779
    - 71-012781
    - 71-012803
    - 71-012807
    - 71-012822
  - Embryology
    - 71-002235
  - Escapement
    - 71-012748
  - Eutrophication
    - 71-010210
  - Exploitation Rates
    - 71-008422
    - 71-012759
    - 71-013294
  - Fertilization/Soil and Water
    - 71-012667
  - Fish Egg Distribution
    - 71-012823
  - Fish Passage
    - 71-012682
  - Fisheries
    - 71-006085
    - 71-006111
    - 71-012741
    - 71-012747
    - 71-012751
    - 71-012758
    - 71-012777
    - 71-012810
    - 71-013178
    - 71-013242
    - 71-013253
    - 71-013295
  - Fishing Gear
    - 71-012575
  - Foods/Feeding
    - 71-004991
    - 71-006786
    - 71-007056
    - 71-008379
  - Foods/Feeding/Selectivity
    - 71-007154
    - 71-007308
  - General
    - 71-012724
    - 71-012745
    - 71-012755
  - Growth/Mortality
    - 71-012770
  - Habitat Alterations
    - 71-011947
  - Harvest
    - 71-006031
    - 71-012713
    - 71-012762
    - 71-012763
    - 71-012778
    - 71-012797
    - 71-012805
    - 71-012819
    - 71-013164
    - 71-013211
    - 71-013280
  - Heavy Metals
    - 71-010219
    - 71-010722
  - Hydraulic Models
    - 71-001125
  - Impingement/Entrainment
    - 71-008304
    - 71-012672
  - Lake Erie
    - 71-001056
  - Limnology
    - 71-001085
    - 71-001119
  - Management Decisions
    - 71-011640
    - 71-011671
    - 71-011683
    - 71-012728
    - 71-012757
    - 71-012767
    - 71-012773
    - 71-012782
    - 71-012792
  - Management/Research--Marine
    - 71-013167
  - Maximum Sustainable Yield
    - 71-006085
    - 71-012784
    - 71-013314
  - Mercury
    - 71-010722
  - Mortality Rates
    - 71-007387
    - 71-008304
    - 71-008307

...CONTINUED...
- Modeling
  - Mortality Rates
    - 71-008379
    - 71-008387
    - 71-008390
    - 71-012719
    - 71-012722
    - 71-012746
  - Nutrient Budgets
    - 71-001171
  - Oceanography
    - 71-001117
  - Osmoregulation
    - 71-003537
  - Oxygen
    - 71-001138
  - Parasites/Diseases
    - 71-009155
  - Phosphorus
    - 71-001154
  - Pollution
    - 71-010412
    - 71-010488
  - Population Studies
    - 71-005925
    - 71-005960
    - 71-006009
    - 71-006032
    - 71-006036
    - 71-006071
    - 71-006075
    - 71-006105
    - 71-006108
    - 71-006109
    - 71-006160
    - 71-008303
    - 71-008366
    - 71-012712
    - 71-012730
    - 71-012733
    - 71-012734
    - 71-012735
    - 71-012737
    - 71-012744
    - 71-012746
    - 71-012753
    - 71-012760
    - 71-012764
    - 71-012772
    - 71-012774
    - 71-012775
    - 71-012783
    - 71-012787
    - 71-012790
    - 71-012794
    - 71-012795
    - 71-012799
    - 71-012802
    - 71-012809
    - 71-012810
    - 71-012817
    - 71-012818
    - 71-012820
    - 71-012826
    - 71-013021
    - 71-013150
  - Power Plant Effluents
    - 71-012721
    - 71-012779
  - Predator/Prey Relationships
    - 71-006786
    - 71-007204
    - 71-007309
    - 71-012750
  - Pulp Mill Effluents
    - 71-010373
  - Put-and-Take
    - 71-012754
  - Regulations
    - 71-012249
    - 71-012266
    - 71-012765
  - Reservoirs
    - 71-001126
  - Schooling Behavior
    - 71-005257
    - 71-012723
  - Stock-Production
    - 71-012726
    - 71-012738
    - 71-012796
    - 71-012812
  - Stock-Recruitment
    - 71-005980
    - 71-006030
    - 71-006060
    - 71-006061
    - 71-012720
    - 71-012736
    - 71-012743
    - 71-012749
    - 71-012783
    - 71-012795
    - 71-012815
    - 71-012819
    - 71-013311
  - Stocking/Introductions
    - 71-012456
  - Surplus-Yield
    - 71-006031
  - Swimming Performance
    - 71-005423
  - Temperature Prediction
    - 71-001124
    - 71-010300
    - 71-012789
    - 71-013094
  - Thermal Pollution
    - 71-012721

...CONTINUED...
- Modeling
  - Thermal Pollution
    - 71-012779
  - Thermal Regulation
    - 71-002649
  - Trace Contaminants
    - 71-010780
  - Transmission Lines
    - 71-011938
  - Trophic Relationships
    - 71-007024
    - 71-012825
  - Vinyl Chloride
    - 71-010200
  - Yield
    - 71-006042
  - Zooplankton
    - 71-001326
    - 71-012750
- Morphology
  - Abnormalities
    - 71-001387
    - 71-001389
    - 71-001402
    - 71-001407
    - 71-001596
    - 71-001599
    - 71-001600
    - 71-001610
    - 71-001612
    - 71-001632
    - 71-001636
    - 71-001638
    - 71-001641
    - 71-001677
    - 71-001681
    - 71-001696
    - 71-001798
    - 71-001799
    - 71-001862
    - 71-001878
    - 71-001880
    - 71-001898
    - 71-001911
    - 71-001993
    - 71-001998
    - 71-002056
    - 71-002070
    - 71-002071
    - 71-002072
    - 71-009731
    - 71-010506
  - Acoustico-Lateralis System
    - 71-001382
    - 71-001420
    - 71-001467
    - 71-001497
    - 71-001571
    - 71-001582
    - 71-001583
    - 71-001594
    - 71-001598
    - 71-001642
    - 71-001676
    - 71-001814
    - 71-001858
    - 71-001865
    - 71-001866
    - 71-001867
    - 71-001960
    - 71-009977
  - Adrenal Glands
    - 71-001779
  - Air Breathing
    - 71-001623
    - 71-001724
    - 71-001874
  - Albinism
    - 71-001491
    - 71-001503
    - 71-001611
    - 71-002062
    - 71-011528
  - Alimentary Tract
    - 71-001479
    - 71-001602
    - 71-001603
    - 71-001657
    - 71-002029
    - 71-002031
    - 71-002032
    - 71-002033
    - 71-002034
    - 71-002036
    - 71-002037
    - 71-002046
  - Ampullary System
    - 71-001571
    - 71-001650
    - 71-001903
  - Auditory Senses
    - 71-001401
    - 71-001487
    - 71-001541
    - 71-001648
    - 71-001885
    - 71-001886
    - 71-001887
    - 71-001889
  - Bioluminescence
    - 71-001930
  - Blood
    - 71-001468
    - 71-001530
    - 71-001543
    - 71-001656
    - 71-001763
    - 71-001815

...CONTINUED...
- Morphology
  - Blood
    - 71-002063
    - 71-002082
    - 71-002404
  - Body Form
    - 71-001584
    - 71-001699
    - 71-001835
    - 71-005264
    - 71-005413
  - Canestrini's Organ
    - 71-001734
  - Cardio-Vascular System
    - 71-001376
    - 71-001379
    - 71-001394
    - 71-001416
    - 71-001674
    - 71-001717
    - 71-001758
    - 71-001780
    - 71-001810
    - 71-001818
    - 71-001894
    - 71-001938
    - 71-001939
    - 71-001981
    - 71-002039
    - 71-002049
  - Cement Gland
    - 71-001414
  - Chloride Cells
    - 71-001948
  - Coelomic Organs
    - 71-001795
  - Cojoined Twins
    - 71-001409
  - Coloration
    - 71-000707
    - 71-001402
    - 71-001453
    - 71-001455
    - 71-001489
    - 71-001491
    - 71-001494
    - 71-001612
    - 71-001661
    - 71-001731
    - 71-001756
    - 71-001759
    - 71-001770
    - 71-001784
    - 71-001785
    - 71-001823
    - 71-001906
    - 71-001934
    - 71-001935
    - 71-001943
    - 71-001944
    - 71-001971
    - 71-001984
    - 71-002010
    - 71-002062
    - 71-003090
    - 71-003359
    - 71-004452
    - 71-004730
    - 71-004731
    - 71-004887
    - 71-004888
    - 71-005163
    - 71-005216
    - 71-005228
    - 71-005348
    - 71-005390
    - 71-006795
  - Corpuscle of Stannius
    - 71-001771
  - Cranial Spines
    - 71-001737
  - Defensive Mechanisms
    - 71-005171
  - Dentition
    - 71-001417
    - 71-001418
    - 71-001419
    - 71-001435
    - 71-001522
    - 71-001663
    - 71-001664
    - 71-001713
    - 71-001749
    - 71-001750
    - 71-001801
    - 71-001822
    - 71-001851
    - 71-001907
    - 71-001972
    - 71-002042
    - 71-005139
    - 71-006933
  - Digestive System
    - 71-001590
    - 71-001614
    - 71-001615
    - 71-001623
    - 71-001649
    - 71-001682
    - 71-001684
    - 71-001908
    - 71-001909
    - 71-001910
    - 71-001964
    - 71-001987
    - 71-001990
    - 71-001997
    - 71-002007

...CONTINUED...
- Morphology
  - Digestive System
    - 71-002030
    - 71-002033
    - 71-002035
    - 71-002044
    - 71-002045
    - 71-002054
    - 71-002066
    - 71-002091
    - 71-004546
    - 71-004570
    - 71-007091
  - Dwarfism
    - 71-002040
    - 71-005485
    - 71-005648
  - Early Development
    - 71-001383
    - 71-001386
    - 71-001397
    - 71-001456
    - 71-001457
    - 71-001459
    - 71-001460
    - 71-001461
    - 71-001463
    - 71-001464
    - 71-001465
    - 71-001466
    - 71-001486
    - 71-001513
    - 71-001529
    - 71-001535
    - 71-001547
    - 71-001558
    - 71-001559
    - 71-001560
    - 71-001577
    - 71-001608
    - 71-001635
    - 71-001643
    - 71-001667
    - 71-001683
    - 71-001686
    - 71-001687
    - 71-001707
    - 71-001714
    - 71-001741
    - 71-001797
    - 71-001856
    - 71-001857
    - 71-001873
    - 71-001881
    - 71-001882
    - 71-001884
    - 71-001891
    - 71-001901
    - 71-001904
    - 71-001916
    - 71-001931
    - 71-001940
    - 71-001949
    - 71-001954
    - 71-001974
    - 71-001975
    - 71-001976
    - 71-001989
    - 71-001995
    - 71-001999
    - 71-002009
    - 71-002024
    - 71-002038
    - 71-002058
    - 71-002069
    - 71-002085
    - 71-002086
    - 71-002428
    - 71-003538
    - 71-005207
    - 71-005656
    - 71-006401
    - 71-008527
    - 71-008572
    - 71-008579
    - 71-008653
    - 71-008822
  - Eggs
    - 71-001452
    - 71-001510
    - 71-001753
    - 71-001824
    - 71-001919
    - 71-001921
    - 71-001928
    - 71-002087
    - 71-004484
    - 71-004635
    - 71-006572
  - Electric Organs
    - 71-001492
    - 71-001670
  - Electroreception
    - 71-001650
  - Embryology
    - 71-001399
    - 71-001452
    - 71-001486
    - 71-001535
    - 71-001573
    - 71-001577
    - 71-001692
    - 71-001719
    - 71-001720
    - 71-001741
    - 71-001751
    - 71-001754
    - 71-001800

...CONTINUED...
- Morphology
  - Embryology
    - 71-001821
    - 71-001826
    - 71-001881
    - 71-001882
    - 71-001901
    - 71-001904
    - 71-001928
    - 71-001929
    - 71-001940
    - 71-001942
    - 71-001949
    - 71-001954
    - 71-001986
    - 71-001995
    - 71-002038
    - 71-002058
    - 71-002068
    - 71-002428
    - 71-002839
    - 71-003343
    - 71-003538
    - 71-003887
    - 71-003911
    - 71-007873
    - 71-008199
    - 71-008653
  - Encephalization
    - 71-001406
  - Endocrinology
    - 71-001385
    - 71-001403
    - 71-001404
    - 71-001412
    - 71-001413
    - 71-001425
    - 71-001501
    - 71-001527
    - 71-001565
    - 71-001730
    - 71-001792
    - 71-001876
    - 71-001905
    - 71-001923
    - 71-001982
    - 71-002014
    - 71-002015
    - 71-002018
    - 71-002443
    - 71-003697
    - 71-003702
    - 71-003900
    - 71-004260
  - Excretory System
    - 71-001408
    - 71-001499
    - 71-001572
    - 71-001790
    - 71-001849
    - 71-001850
    - 71-001853
    - 71-002092
    - 71-003544
  - Fertilization
    - 71-001443
  - Fin Rays
    - 71-001592
    - 71-001742
    - 71-001747
    - 71-001911
    - 71-007197
    - 71-007198
  - Fins
    - 71-001469
    - 71-001567
    - 71-001570
    - 71-001666
    - 71-001734
    - 71-001755
    - 71-001854
  - Fish Preservation
    - 71-013378
  - Foods/Feeding
    - 71-006997
    - 71-007295
  - General
    - 71-001586
    - 71-001836
    - 71-002060
    - 71-002256
    - 71-005829
    - 71-006917
  - Gill Rakers
    - 71-001869
  - Gills
    - 71-001427
    - 71-001449
    - 71-001484
    - 71-001485
    - 71-001516
    - 71-001546
    - 71-001563
    - 71-001597
    - 71-001620
    - 71-001621
    - 71-001625
    - 71-001626
    - 71-001627
    - 71-001628
    - 71-001629
    - 71-001630
    - 71-001631
    - 71-001643
    - 71-001660
    - 71-001668
    - 71-001669
    - 71-001692

...CONTINUED...
- Morphology
  - Gills
    - 71-001704
    - 71-001711
    - 71-001723
    - 71-001761
    - 71-001804
    - 71-001871
    - 71-001877
    - 71-001883
    - 71-001900
    - 71-001926
    - 71-003066
    - 71-003067
    - 71-010706
  - Histology
    - 71-001384
    - 71-001554
    - 71-001673
    - 71-001700
    - 71-001757
    - 71-001819
    - 71-001936
    - 71-009431
  - Hydrodynamics
    - 71-001855
  - Hyperostosis
    - 71-002005
  - Integument
    - 71-001390
    - 71-001423
    - 71-001446
    - 71-001454
    - 71-001607
    - 71-001637
    - 71-001705
    - 71-001722
    - 71-001788
    - 71-001789
    - 71-001812
    - 71-001879
    - 71-002050
    - 71-002055
    - 71-002059
    - 71-002089
    - 71-002090
    - 71-002093
    - 71-003810
  - Leptocephalus
    - 71-001635
  - Liver
    - 71-001500
    - 71-001613
    - 71-001837
    - 71-001843
    - 71-001872
    - 71-010851
  - Locomotion
    - 71-001691
    - 71-005265
  - Lymph System
    - 71-001539
  - Mast Cells
    - 71-001839
  - Melanophores
    - 71-001842
  - Meristic Studies
    - 71-001371
    - 71-001471
    - 71-001472
    - 71-001534
    - 71-001588
    - 71-001678
    - 71-001679
    - 71-001694
    - 71-001752
    - 71-001765
    - 71-001802
    - 71-001823
    - 71-001870
    - 71-001975
    - 71-001977
    - 71-002026
    - 71-002064
    - 71-002096
    - 71-004562
    - 71-004577
    - 71-004586
    - 71-004709
    - 71-004781
  - Metamorphosis
    - 71-001714
    - 71-001849
    - 71-001871
    - 71-002092
    - 71-003265
    - 71-003830
  - Mouth Parts
    - 71-001518
    - 71-001551
    - 71-001576
    - 71-001662
    - 71-001708
    - 71-001709
    - 71-001710
    - 71-001721
    - 71-001728
    - 71-001729
    - 71-001924
    - 71-001953
    - 71-001956
    - 71-001957
    - 71-002019
    - 71-002020
    - 71-002021
    - 71-002022
    - 71-002046
    - 71-002054

...CONTINUED...
- Morphology
  - Mouth Parts
    - 71-006785
    - 71-006892
    - 71-007066
    - 71-007067
    - 71-007138
    - 71-007182
  - Musculature
    - 71-001377
    - 71-001391
    - 71-001526
    - 71-001587
    - 71-001633
    - 71-001634
    - 71-001659
    - 71-001691
    - 71-001693
    - 71-001809
    - 71-001811
    - 71-001936
    - 71-001969
    - 71-002043
    - 71-002061
    - 71-003173
    - 71-003202
    - 71-003581
    - 71-003672
    - 71-004326
    - 71-005296
  - Nasal Organs
    - 71-002024
  - Nervous System
    - 71-001370
    - 71-001405
    - 71-001430
    - 71-001431
    - 71-001476
    - 71-001488
    - 71-001506
    - 71-001552
    - 71-001553
    - 71-001595
    - 71-001619
    - 71-001740
    - 71-001766
    - 71-001768
    - 71-001807
    - 71-001816
    - 71-001838
    - 71-001942
    - 71-001951
    - 71-001952
    - 71-002000
    - 71-002047
    - 71-002048
    - 71-002934
    - 71-003202
  - Nuptial Tubercles
    - 71-003982
  - Olfaction
    - 71-001398
    - 71-001437
    - 71-001438
    - 71-001440
    - 71-001498
    - 71-001504
    - 71-001511
    - 71-001544
    - 71-001639
    - 71-001640
    - 71-001654
    - 71-001689
    - 71-001739
    - 71-001773
    - 71-001902
    - 71-001945
    - 71-001962
    - 71-002002
    - 71-002051
    - 71-002052
    - 71-002078
    - 71-002079
    - 71-002080
    - 71-002081
    - 71-002083
    - 71-002095
    - 71-005020
  - Operculum
    - 71-001448
  - Organ Weights
    - 71-001506
    - 71-001690
    - 71-001844
    - 71-001864
    - 71-002075
    - 71-002554
    - 71-002570
  - Otoliths
    - 71-001473
    - 71-001517
    - 71-001568
    - 71-001579
    - 71-001806
    - 71-001888
    - 71-001893
    - 71-001896
    - 71-002053
    - 71-007400
    - 71-007445
    - 71-007502
    - 71-007586
    - 71-007587
    - 71-007611
    - 71-007848
    - 71-013395
  - Pharynx
    - 71-001748

...CONTINUED...
- Morphology
  - Phenotypic Correlation
    - 71-001528
  - Pigment Cells
    - 71-001374
    - 71-001554
  - Pigments
    - 71-001381
    - 71-001453
    - 71-001609
    - 71-001738
    - 71-001774
    - 71-001781
    - 71-001782
    - 71-001840
    - 71-001841
    - 71-002077
    - 71-002090
  - Pineal Body
    - 71-001537
    - 71-001767
    - 71-001768
    - 71-001769
    - 71-001846
    - 71-002012
    - 71-004274
  - Pituitary
    - 71-001372
    - 71-001601
    - 71-001644
    - 71-001897
    - 71-002013
    - 71-004246
  - Pituitary Cysts
    - 71-002226
    - 71-002227
  - Pleomerism
    - 71-001980
  - Pseudobranch
    - 71-001762
  - Rectal Gland
    - 71-002004
  - Reproductive System
    - 71-001378
    - 71-001434
    - 71-001444
    - 71-001470
    - 71-001507
    - 71-001509
    - 71-001532
    - 71-001555
    - 71-001564
    - 71-001574
    - 71-001605
    - 71-001617
    - 71-001646
    - 71-001655
    - 71-001700
    - 71-001701
    - 71-001706
    - 71-001735
    - 71-001786
    - 71-001794
    - 71-001819
    - 71-001820
    - 71-001821
    - 71-001825
    - 71-001868
    - 71-001917
    - 71-001920
    - 71-001922
    - 71-001973
    - 71-001979
    - 71-001988
    - 71-001992
    - 71-002001
    - 71-002006
    - 71-002016
    - 71-002017
    - 71-002088
    - 71-002527
    - 71-002869
    - 71-003343
    - 71-004260
    - 71-004265
    - 71-004513
    - 71-005247
    - 71-006396
  - Respiratory System
    - 71-001373
    - 71-001531
    - 71-001618
    - 71-001623
    - 71-001704
    - 71-001711
    - 71-001712
    - 71-001724
    - 71-006760
  - Rodlet Cells
    - 71-001400
    - 71-001502
    - 71-001715
    - 71-001716
    - 71-001760
    - 71-001805
  - Scales
    - 71-001445
    - 71-001447
    - 71-001549
    - 71-001575
    - 71-001645
    - 71-001947
    - 71-001948
    - 71-002023
    - 71-002076
    - 71-002097
    - 71-003972
    - 71-004687

...CONTINUED...
Morphology
Scales
71-007571
71-007609
Seismosensory System
71-001395
71-001961
Sexual Dimorphism
71-001426
71-001454
71-001493
71-001495
71-001545
71-001698
71-001959
71-003810
71-006491
71-013392
Siphon Sacs
71-001574
Skein Cells
71-001705
Skeletal System
71-001428
71-001433
71-001478
71-001490
71-001514
71-001518
71-001520
71-001521
71-001536
71-001550
71-001580
71-001608
71-001652
71-001665
71-001702
71-001718
71-001736
71-001746
71-001757
71-001765
71-001772
71-001775
71-001776
71-001777
71-001791
71-001803
71-001808
71-001829
71-001851
71-001861
71-001880
71-001914
71-001915
71-001918
71-001925
71-001933
71-001950
71-001991
71-002025
71-002027
71-004711
71-004733
71-007197
71-007198
71-008607
71-008690
Specific Gravity
71-001875
Sperm
71-001556
Spleen
71-001581
71-002094
Surface Area
71-001606
Swimbladder
71-001382
71-001441
71-001442
71-001497
71-001519
71-001524
71-001545
71-001569
71-001590
71-001672
71-001895
71-001927
71-001963
71-002057
71-002335
71-003265
71-004412
Taste Reception
71-001671
71-001697
71-001848
71-005308
Techniques/Cardio-Vascular System
71-001410
Techniques/Coloration
71-001562
Techniques/Fossil Fishes
71-002003
Techniques/Larval Fish
71-001462
Techniques/Microscopes
71-001994
Techniques/Tissue Staining
71-001793
Techniques/Vision
71-001983
Techniques/X-Radiography
71-001783
Teratology
71-001616

...CONTINUED...
Morphology
Thymus
71-001996
Thyroid
71-001376
Tuberculation
71-001540
71-001688
Variation Studies
71-001411
71-001424
71-001482
71-001483
71-001495
71-001534
71-001578
71-001604
71-001679
71-001764
71-001796
71-001852
71-001913
71-001984
71-002026
71-004524
71-004543
71-004548
71-004562
71-004578
71-004589
71-004592
71-004612
71-004636
71-004637
71-004659
71-004669
71-004670
71-004683
71-004705
71-004712
71-004716
71-004751
71-004753
71-004774
71-004775
71-004787
71-004797
71-004813
71-004816
71-004863
71-004864
71-004867
71-005468
71-008517
Vertebral Counts
71-001980
Vexillifers
71-001845
Vision
71-001375
71-001380
71-001381
71-001388
71-001421
71-001422
71-001429
71-001436
71-001437
71-001450
71-001480
71-001505
71-001512
71-001523
71-001525
71-001538
71-001593
71-001624
71-001733
71-001744
71-001745
71-001778
71-001813
71-001830
71-001831
71-001832
71-001833
71-001834
71-001847
71-001863
71-001890
71-001899
71-001912
71-001932
71-001937
71-001941
71-001946
71-001965
71-001966
71-001967
71-001968
71-002041
71-002073
71-002098
71-002099
71-002699
71-002957
71-005304
Natural History
Abundance/Factors of
71-000004
71-000405
71-001149
71-006042
71-006057
71-006123
71-006593
71-007703
71-007742
71-008080

...CONTINUED...
Natural History
Abundance/Factors of
71-008174
71-008206
71-008212
71-008235
71-008296
71-008298
71-008299
71-008316
71-008325
71-008326
71-008356
71-008361
71-008369
71-008370
71-008372
71-008389
71-008397
71-008404
71-008407
71-008411
71-008417
71-008429
71-008431
71-008436
71-012886
71-013005
71-013045
71-013092
71-013100
71-013124
71-013209
71-013220
71-013257
71-013281
Age/Growth
71-007447
71-007457
71-007554
71-007740
Age/Length Composition
71-007120
Bioenergenics
71-005905
Biogeography
71-007872
71-008204
Biomass
71-005979
Bird Predation
71-007330
71-008335
Colonization
71-006096
71-006680
Competition
71-006759
71-007150
71-008313
71-008429
71-008446
Condition Factors
71-007363
71-007433
Distribution/Factors of
71-006599
71-006681
71-006692
71-006700
71-007682
71-007744
71-007745
71-007746
71-007747
71-007832
71-007836
71-007840
71-007891
71-007897
71-007934
71-007935
71-007949
71-008004
71-008005
71-008029
71-008039
71-008048
71-008080
71-008085
71-008139
71-008151
71-008155
71-008158
71-008174
71-008228
71-008235
71-008238
71-008253
71-008257
71-008271
71-008286
71-008292
71-008389
71-011914
71-013117
71-013220
71-013257
71-013281
Distribution/Geographical
71-007740
71-007792
71-008025
71-008292
Distribution/Seasonal
71-006589
71-006593
71-006603

...CONTINUED...
Natural History
Distribution/Seasonal
71-006626
71-006690
71-006744
71-007794
71-007942
71-008060
71-008183
71-008252
71-013135
Distribution/Vertical
71-006598
71-006629
71-006663
71-006669
71-006692
71-006731
Drift
71-012519
Early Development
71-003228
71-005647
Ecology
71-005829
71-006145
Embryology
71-005647
Evolution
71-004713
71-008278
Faunal Dominance
71-008343
Foods/Feeding
71-004992
71-006759
71-006801
71-006803
71-006917
71-006942
71-006973
71-006978
71-006995
71-007033
71-007057
71-007120
71-007126
71-007144
71-007150
71-007159
71-007193
71-007253
71-007264
71-007293
Foods/Feeding/Selectivity
71-001072
71-001311
71-001316
71-006802
71-006873
71-006999
71-007026
71-007168
71-007354
General
71-005660
71-005795
71-005795
Habitat Selection
71-005297
71-008228
Ichthyoplankton
71-007936
Identification/Eggs
71-008852
Identification/Larvae
71-007972
71-008485
Injuries
71-008350
Larval Behavior
71-005682
Length-Weight Relationships
71-007415
71-007433
Life History/General
71-005596
71-005647
Mortality Factors
71-008307
71-008311
71-008334
71-008350
71-008435
71-008439
Mortality Rates
71-008322
71-008356
71-012214
71-012714
Movements
71-006585
71-006625
71-006681
71-006684
71-006699
71-012519
Nursery Areas
71-005578
Paleontology
71-001478
71-001851
71-001924
71-006391
71-007783
71-007888
71-008182
71-008239

...CONTINUED...

- Natural History
  - Paleontology
    - 71-008246
    - 71-008273
    - 71-008466
    - 71-008477
    - 71-008512
    - 71-008570
    - 71-008584
    - 71-008601
    - 71-008770
    - 71-008862
    - 71-008874
    - 71-008887
  - Population Studies
    - 71-005596
    - 71-005897
    - 71-005944
    - 71-005967
    - 71-005979
    - 71-005980
    - 71-005999
    - 71-006003
    - 71-006008
    - 71-006033
    - 71-006034
    - 71-006038
    - 71-006057
    - 71-006065
    - 71-006094
    - 71-006096
    - 71-006097
    - 71-006123
    - 71-006124
    - 71-006546
    - 71-007419
    - 71-007703
    - 71-007747
    - 71-008084
    - 71-008212
    - 71-008299
    - 71-008411
    - 71-012753
    - 71-012799
    - 71-012846
    - 71-012866
    - 71-013088
    - 71-013129
  - Predator/Prey Relationships
    - 71-005975
    - 71-006798
    - 71-006916
    - 71-006930
    - 71-006974
    - 71-006999
    - 71-007006
    - 71-007048
    - 71-007075
    - 71-007083
    - 71-007221
    - 71-007246
    - 71-007262
    - 71-007263
    - 71-007282
    - 71-007289
    - 71-007293
    - 71-007310
    - 71-007311
    - 71-007312
    - 71-007314
    - 71-007340
    - 71-007352
    - 71-008296
  - Production
    - 71-005905
    - 71-005999
    - 71-006043
    - 71-006093
    - 71-006146
    - 71-006149
    - 71-006152
    - 71-012846
  - Recruitment
    - 71-006095
  - Repopulation
    - 71-008204
  - Spawning
    - 71-003228
    - 71-005647
    - 71-005878
    - 71-006095
    - 71-006230
    - 71-006275
    - 71-006356
    - 71-006437
    - 71-013077
    - 71-013097
  - Spawning Migration
    - 71-006510
  - Taxonomy
    - 71-008479
    - 71-008815
  - Terminology
    - 71-005471
  - Trophic Relationships
    - 71-001222
    - 71-001232
    - 71-003274
    - 71-005878
    - 71-005905
    - 71-006043
    - 71-006044
    - 71-006145
    - 71-006758
    - 71-006801
    - 71-006802
    - 71-006807
    - 71-006813

...CONTINUED...

- Natural History
  - Trophic Relationships
    - 71-006837
    - 71-006863
    - 71-006864
    - 71-006877
    - 71-006878
    - 71-006894
    - 71-006895
    - 71-006905
    - 71-006930
    - 71-006966
    - 71-006977
    - 71-006978
    - 71-006993
    - 71-007014
    - 71-007024
    - 71-007026
    - 71-007029
    - 71-007033
    - 71-007059
    - 71-007078
    - 71-007087
    - 71-007126
    - 71-007146
    - 71-007150
    - 71-007168
    - 71-007178
    - 71-007207
    - 71-007208
    - 71-007229
    - 71-007231
    - 71-007234
    - 71-007246
    - 71-007266
    - 71-007274
    - 71-007280
    - 71-007294
    - 71-008296
    - 71-008370
    - 71-008429
    - 71-013007
    - 71-013150
  - Year Class Strength
    - 71-012714
  - Zoogeography
    - 71-007766
    - 71-007796
    - 71-007894
    - 71-007923
    - 71-008171
    - 71-008271
    - 71-008278
- Oceanography
  - Acoustical Methods
    - 71-001063
    - 71-001065
    - 71-001077
    - 71-001336
    - 71-007905
  - Benthos
    - 71-001198
    - 71-001203
    - 71-001222
    - 71-001253
    - 71-001255
    - 71-001289
    - 71-001294
    - 71-007168
    - 71-007798
    - 71-007903
    - 71-010606
  - Biological
    - 71-005979
  - Chemical
    - 71-001161
  - Chlorophyll
    - 71-001160
  - Currents
    - 71-001105
    - 71-001107
    - 71-001121
  - Estuaries
    - 71-001050
  - General
    - 71-001053
    - 71-001073
    - 71-001095
    - 71-013250
    - 71-013304
  - General/India
    - 71-001078
  - Historical/Canada
    - 71-001057
  - Hydraulic Models
    - 71-001125
  - Ichthyoplankton
    - 71-001329
    - 71-007863
  - Modeling
    - 71-001117
  - Nutrients
    - 71-001129
    - 71-001149
    - 71-001160
    - 71-001174
  - Particulates
    - 71-001109
  - Perspectives/Canada
    - 71-001073
    - 71-001117
    - 71-001161
  - Perspectives/New Zealand
    - 71-001059
  - Plankton
    - 71-001313
    - 71-006880
    - 71-008038

...CONTINUED...

- Oceanography
  - Primary Production
    - 71-001313
    - 71-013150
  - Salinity
    - 71-008275
  - Seismic Sea Waves
    - 71-001113
  - Standards
    - 71-001096
  - Sulfur
    - 71-001131
  - Techniques/Ammonia
    - 71-001133
  - Techniques/Benthos
    - 71-001280
  - Techniques/Epibenthic Samplers
    - 71-001335
  - Techniques/Oxygen
    - 71-001144
    - 71-001159
  - Techniques/Plankton Samplers
    - 71-001337
    - 71-012498
  - Techniques/Primary Production
    - 71-001351
  - Techniques/Water Samplers
    - 71-001090
  - Temperature
    - 71-001101
    - 71-008275
  - Trophic Relationships
    - 71-001345
    - 71-006895
    - 71-007168
  - Upwelling
    - 71-001106
    - 71-001313
    - 71-001342
  - Zooplankton
    - 71-001301
    - 71-001308
    - 71-001329
    - 71-001336
    - 71-001339
    - 71-001347
    - 71-007936
    - 71-008298
- Parasites/Diseases
  - Abergasilus amplexus
    - 71-009692
  - Abyssotrema pritchardae
    - 71-009562
  - Acanthamoeba
    - 71-009372
  - Acanthobothrium
    - 71-009798
  - Acanthobothrium electricolum
    - 71-009530
  - Acanthobothrium lintoni
    - 71-009530
  - Acanthocephala
    - 71-009018
    - 71-009477
    - 71-009478
    - 71-009480
    - 71-009481
    - 71-009484
    - 71-009488
    - 71-009538
    - 71-009554
    - 71-009605
    - 71-009690
    - 71-009705
    - 71-009716
    - 71-009737
    - 71-009739
    - 71-009806
    - 71-009817
    - 71-009820
    - 71-009821
    - 71-009823
    - 71-009824
    - 71-009825
    - 71-009838
    - 71-009840
    - 71-009907
    - 71-009908
    - 71-009914
    - 71-009962
    - 71-009963
    - 71-009994
    - 71-009995
  - Acanthocephalus anguillae
    - 71-009488
  - Acanthocephalus dirus
    - 71-009554
  - Acanthocephalus jacksoni
    - 71-009822
    - 71-009823
    - 71-009824
    - 71-009825
  - Acanthocephalus parksidei
    - 71-009477
    - 71-009481
    - 71-009484
  - Acanthocephalus tahlequahensis
    - 71-009840
  - Acanthocotyle greeni
    - 71-009769
  - Acartia clausi
    - 71-007224
  - Accacoeliidae
    - 71-009528
  - Achlya
    - 71-009230
  - Achtheres
    - 71-009702

...CONTINUED...

- Parasites/Diseases
  - Acidosis
    - 71-003230
    - 71-003257
  - Actinobdella inequiannelata
    - 71-009760
  - Aeromonas
    - 71-009055
    - 71-009056
    - 71-009067
    - 71-009087
    - 71-009116
    - 71-009152
    - 71-009198
  - Aeromonas hydrophila
    - 71-008990
    - 71-009052
    - 71-009075
    - 71-009081
    - 71-009082
    - 71-009105
    - 71-009114
    - 71-009115
    - 71-009118
    - 71-009124
    - 71-009158
    - 71-009175
    - 71-009178
    - 71-009180
    - 71-009193
    - 71-009194
    - 71-009201
    - 71-009258
  - Aeromonas liquefaciens
    - 71-008443
    - 71-009091
    - 71-009132
    - 71-009221
  - Aeromonas punctata
    - 71-009041
  - Aeromonas salmonicida
    - 71-008936
    - 71-009047
    - 71-009048
    - 71-009049
    - 71-009071
    - 71-009080
    - 71-009081
    - 71-009082
    - 71-009086
    - 71-009091
    - 71-009093
    - 71-009105
    - 71-009106
    - 71-009153
    - 71-009155
    - 71-009168
    - 71-009169
    - 71-009185
    - 71-009197
    - 71-009200
    - 71-009211
    - 71-009214
    - 71-009215
  - Algal Infections
    - 71-009518
    - 71-009617
    - 71-009949
  - Allencotyla pricei
    - 71-009748
  - Allocreadium fasciatusi
    - 71-009777
    - 71-009779
  - Allocreadium handiai
    - 71-009776
  - Amebiasis
    - 71-008942
    - 71-009647
  - Anantrum histocephalum
    - 71-009714
  - Anasakis
    - 71-009549
  - Ancyrocephalus paradoxus
    - 71-009756
  - Anemia
    - 71-003355
    - 71-004427
    - 71-009628
    - 71-009727
    - 71-009998
    - 71-010653
    - 71-010973
  - Anilocra
    - 71-009898
  - Anisakinae
    - 71-009510
  - Anisakis
    - 71-009675
    - 71-009676
    - 71-009964
    - 71-010000
  - Anisakis simplex
    - 71-009509
    - 71-009873
  - Anodonta cygnea
    - 71-009597
  - Anodonta oregonensis
    - 71-011156
  - Anonchohaptor muelleri
    - 71-009585
  - Antibiotics
    - 71-008970
    - 71-009031
  - Antibodies
    - 71-009125
  - Apatemon gracilis pellucidus
    - 71-009359
    - 71-009883

...CONTINUED...
Parasites/Diseases
Argulus
71-009701
71-009953
Argulus foliaceus
71-009912
Argulus maculosus
71-009743
Ascarophis distortus
71-009640
Aspidogasteridae
71-009921
Aspidogastrids
71-009687
Asymphylodora atherinopsidis
71-009851
Asymphylodora fishelsoni
71-009632
Asymphylodora kubanicum
71-009624
Auchenochondria lobosa
71-009608
Austrobdella californiana
71-009547
Avitaminosis
71-009384
Bacterial Diseases
71-000069
71-000202
71-000258
71-008443
71-008920
71-008936
71-008942
71-008944
71-008956
71-008983
71-008990
71-009040
71-009041
71-009042
71-009043
71-009044
71-009045
71-009046
71-009047
71-009048
71-009049
71-009050
71-009051
71-009052
71-009053
71-009054
71-009055
71-009056
71-009057
71-009058
71-009059
71-009060
71-009061
71-009062
71-009063
71-009064
71-009065
71-009066
71-009067
71-009068
71-009069
71-009070
71-009071
71-009072
71-009073
71-009074
71-009075
71-009076
71-009077
71-009078
71-009079
71-009080
71-009081
71-009082
71-009083
71-009084
71-009085
71-009086
71-009087
71-009088
71-009089
71-009090
71-009091
71-009092
71-009093
71-009094
71-009095
71-009096
71-009097
71-009098
71-009099
71-009100
71-009101
71-009102
71-009103
71-009104
71-009105
71-009106
71-009107
71-009108
71-009109
71-009110
71-009111
71-009112
71-009113
71-009114
71-009115
71-009116
71-009117
71-009118
71-009119

...CONTINUED...
Parasites/Diseases
Bacterial Diseases
71-009120
71-009121
71-009122
71-009123
71-009124
71-009125
71-009126
71-009127
71-009128
71-009129
71-009130
71-009131
71-009132
71-009133
71-009134
71-009135
71-009136
71-009137
71-009138
71-009139
71-009140
71-009141
71-009142
71-009143
71-009144
71-009145
71-009146
71-009147
71-009148
71-009149
71-009150
71-009151
71-009152
71-009153
71-009154
71-009155
71-009156
71-009157
71-009158
71-009159
71-009160
71-009161
71-009162
71-009163
71-009164
71-009165
71-009166
71-009167
71-009168
71-009169
71-009170
71-009172
71-009173
71-009174
71-009175
71-009176
71-009177
71-009178
71-009179
71-009180
71-009181
71-009182
71-009183
71-009184
71-009185
71-009186
71-009187
71-009188
71-009189
71-009190
71-009191
71-009192
71-009193
71-009194
71-009195
71-009196
71-009198
71-009199
71-009200
71-009201
71-009202
71-009203
71-009204
71-009205
71-009206
71-009207
71-009209
71-009210
71-009211
71-009212
71-009213
71-009214
71-009215
71-009216
71-009217
71-009219
71-009220
71-009221
71-009258
71-010850
71-010932
71-011308
71-011430
71-011437
Bacterial Gill Disease
71-009089
Bacterial Hemorrhagic Septicemia
71-009046
Bacterial Kidney Disease
71-008942
71-009069
71-009083
71-009091
71-009130
71-009134

...CONTINUED...
Parasites/Diseases
Bacterial Kidney Disease
71-009143
71-009159
71-009173
71-009186
71-009187
71-009209
71-009217
71-009219
71-009220
71-010932
Bactericides
71-000069
Baculovirus
71-009395
Balanotaeniidae
71-009774
Balantidium ctenopharyngodonis
71-009336
Biacetabulum oregoni
71-009988
Bicotylophora baeri
71-009623
Black Spot Disease
71-009505
Blood Clots
71-009929
Bluegill Virus
71-009397
Bomolochus concinnus
71-009521
Bomolochus cuneatus
71-009665
Bothriocephalus
71-009745
Bothriocephalus acheilognathi
71-009700
Bothriocephalus cuspidatus
71-009715
Bothriocephalus gowkongensis
71-009811
71-009917
Botulism
71-009208
Bouixella
71-009622
Branchiomyces
71-010517
Branchiura
71-009592
Broken Back Syndrome
71-009731
Bucephalidae
71-009753
Bucephalopsis karvei
71-009658
Bucephalopsis labiatus
71-009850
Caligidae
71-009696
Camallanus ancylodirus
71-009494
Camallanus lacustris
71-009926
Camallanus oxycephalus
71-009938
Capillaria catostomi
71-009502
Cardiodectes medusaeus
71-009813
Carp Erythrodermatitis
71-009061
Caryophyllaeidae
71-009656
71-009987
Cataracts
71-009874
Cauliflower Disease
71-009602
CCVD
71-008956
71-009399
71-009400
71-009401
71-009428
71-009429
71-009436
71-009445
71-009446
71-009447
Cell Culture
71-009399
71-009426
Ceratomyxa
71-009343
Ceratomyxa anoplopoma
71-009338
Ceratomyxa shasta
71-009305
71-009382
71-009383
Ceroidosis
71-009930
Cestodes
71-009479
71-009485
71-009489
71-009496
71-009516
71-009520
71-009525
71-009530
71-009531
71-009534
71-009548
71-009555

...CONTINUED...
Parasites/Diseases
Cestodes
71-009556
71-009558
71-009560
71-009561
71-009564
71-009570
71-009571
71-009572
71-009573
71-009574
71-009576
71-009596
71-009605
71-009614
71-009625
71-009656
71-009657
71-009675
71-009677
71-009678
71-009682
71-009688
71-009689
71-009700
71-009713
71-009714
71-009715
71-009733
71-009735
71-009736
71-009742
71-009745
71-009768
71-009773
71-009774
71-009775
71-009781
71-009792
71-009798
71-009802
71-009804
71-009811
71-009818
71-009821
71-009822
71-009853
71-009855
71-009864
71-009913
71-009917
71-009935
71-009944
71-009945
71-009947
71-009948
71-009972
71-009983
71-009985
71-009986
71-009987
71-009988
71-009989
71-009991
71-009992
71-010001
71-010630
71-012341
Chilodonella hexasticha
71-009301
Chloramine-T
71-009089
Chloramphenicol
71-009196
Chloromyxum trijugum
71-009334
Chloromyxum truttae
71-009290
Chondracanthidae
71-009699
Chondracanthus angustatus
71-009902
Chondrococcus columnaris
71-008956
71-009199
Ciguatera
71-004479
71-009946
71-010006
71-011549
71-011550
Cirkennedya porlockensis
71-009649
Clavellodes macrotrachelu
71-009553
Cleidodiscus ektyphus
71-009793
Cleidodiscus pricei
71-009580
Cleidodiscus robustus
71-009506
Cleidodiscus stentor
71-009667
Clinostomum
71-009611
Clinostomum marginatum
71-009680
Clostridium botulinum
71-009208
71-010850
Cod-Worm
71-009515
Codonophilus imbricatus
71-009936
Coelenterates
71-009882

...CONTINUED...
Parasites/Diseases
Coelenterates
71-009942
Colobomatus labracis
71-009881
Columnaris Disease
71-009199
Congericola kabatai
71-009693
Conispora renalis
71-009362
Contracaecum
71-009783
71-009860
71-009971
71-009976
Corallotaenia minutia
71-009947
71-009948
Corynebacterium
71-008942
71-009143
71-009217
71-010932
Corynebacterium salmoninus
71-009069
71-009130
Costia necatrix
71-009282
Costiasis
71-009282
Crassiphiala bulboglossa
71-009968
Cryptobia
71-009355
Cryptobia catostomi
71-009253
71-009254
Cryptobia salmositica
71-009324
71-009380
Cryptocaryon irritans
71-009259
Cryptocaryoniasis
71-009259
Cryptocotyle lingua
71-009966
Cryptogonimidae
71-009654
Cyclocotyla bellones
71-009766
Cymothoa excisa
71-009978
Cymothoidae
71-009900
Cystidicola cristivomeri
71-005574
71-009757
Cystidicola farionis
71-009757
71-009963
Cystobranchus meyeri
71-009679
Cytophaga psychrophila
71-009189
Dactylogyrus
71-009579
71-009668
71-009796
71-009841
Dactylogyrus atripinnei
71-009954
Dactylogyrus unguiformis
71-009749
Davisia
71-009346
Davisia reginae
71-009323
Degeneria halosauri
71-009557
Deretrema
71-009544
Dermal Sarcoma
71-009471
71-009474
Dicauda atherinoida
71-009296
Dichelyne bullocki
71-009754
Diclidophora
71-009771
Diclidophora embiotocae
71-009669
Diclidophora esmarkii
71-009764
Dina lineata
71-009483
Dinemoleus indeprensus
71-009591
Diphyllobothrium
71-009689
71-010001
Diphyllobothrium dendriticum
71-009485
71-009688
Diphyllobothrium ditremum
71-009688
Diplectanum aequans
71-009847
Diploproctodaeum plicitum
71-009984
Diplostomulum scheuringi
71-009686
Diplostomum
71-009595
71-009884
Diplostomum adamsi
71-009761
71-009762

...CONTINUED...
Parasites/Diseases
Diplostomum gasterostei
71-009734
Diplostomum spathaceum
71-009548
71-009594
71-009681
71-009685
71-009858
Diplozoon homoion gracile
71-009770
Diplozoon nipponicum
71-009727
Disease Defense Mechanisms
71-008907
Disease Importation
71-008929
71-008940
71-008947
71-009202
Disease-Free Culture
71-008893
71-008935
Dropsy
71-009646
71-009648
Duplicibothrium minutum
71-009986
Echeneibothrium
71-009560
71-009573
Echinobothrium euzeti
71-009555
Echinocephalus sinensis
71-009744
Echinorhynchus
71-009806
Echinorhynchus canyonensis
71-009705
Echinorhynchus salmonis
71-009478
71-009480
Edema
71-009628
Edwardsiella
71-009113
Edwardsiella tarda
71-009119
71-009140
Egtved Virus
71-009411
Eimeria anguillae
71-009295
Eimeria funduli
71-009277
71-009368
Enenterum
71-009529
Enteric Redmouth Disease
71-009064
71-009067
71-009070
71-009071
71-009107
71-009215
Enteric Septicemia of Catfish
71-009113
Enterobacteriaceae
71-009099
Enteroviruses
71-009460
Epidermal Lesions
71-009536
71-009803
71-009891
Epidermal Papillomas
71-009602
Epistylis
71-008990
71-009114
71-009115
71-009258
71-009304
71-009322
Epistylis niagarae
71-009263
Epitheliocystis
71-009862
Ergasilus
71-009550
71-009702
71-009866
Ergasilus centrarchidarum
71-009581
71-009667
Ergasilus labracis
71-009703
71-009859
Ergasilus lizae
71-009665
Ergasilus manicatus
71-009521
Ergenstrema mugilis
71-009755
Erythrodermatitis
71-009537
Escherichia coli
71-009178
Eubacterium
71-009147
Eubacterium tarantellus
71-009212
Eubothrium
71-009736
Eubothrium crassum
71-009625
71-009735
Eubothrium parvum
71-009733

...CONTINUED...
Parasites/Diseases
Eubothrium salvelini
71-009525
71-009735
71-010630
Eustrongylides
71-009738
Exophiala
71-009223
Exophiala salmonis
71-009235
Fin Erosion
71-009800
71-009980
71-010298
Fin Rot
71-009098
71-009157
71-009161
71-009162
71-009172
Flexibacter
71-009117
71-009177
Flexibacter columnaris
71-008936
71-009057
71-009060
71-009188
71-009189
71-009193
71-009194
Fungal Diseases
71-008944
71-009222
71-009223
71-009224
71-009225
71-009226
71-009227
71-009228
71-009229
71-009230
71-009231
71-009232
71-009233
71-009234
71-009235
71-009236
71-009237
71-009238
71-009239
71-010517
71-011543
Furanace
71-009076
71-009158
71-011153
Furunculosis
71-000202
71-009080
71-009086
71-009153
71-009155
71-009168
71-009169
71-009185
71-009197
71-009198
Fusobacteria
71-009123
Galactosomum phalacrocoracis
71-009865
Gallbladder Lesions
71-009673
Gas Bubble Disease
71-000627
71-006623
71-009522
71-009616
71-009627
71-009630
71-009631
71-009709
71-009720
71-009830
71-009831
71-009832
71-009833
71-009834
71-009835
71-009837
71-009977
71-009979
71-010625
Gastrocotyle trachuri
71-009919
Genarchopis goppo
71-009778
General
71-000183
71-000270
71-000757
71-002302
71-003426
71-004194
71-008056
71-008441
71-008514
71-008890
71-008891
71-008892
71-008895
71-008897
71-008900
71-008901
71-008902
71-008903
71-008904

...CONTINUED...
Parasites/Diseases
General
71-008905
71-008906
71-008909
71-008910
71-008912
71-008913
71-008916
71-008917
71-008922
71-008923
71-008924
71-008925
71-008926
71-008927
71-008928
71-008933
71-008938
71-008939
71-008940
71-008941
71-008943
71-008945
71-008946
71-008947
71-008948
71-008952
71-008953
71-008955
71-008958
71-008960
71-008961
71-008962
71-008963
71-008964
71-008965
71-008967
71-008968
71-008969
71-008971
71-008972
71-008973
71-008974
71-008975
71-008976
71-008977
71-008978
71-008981
71-008985
71-008987
71-008988
71-008989
71-008991
71-008992
71-008993
71-008994
71-008995
71-008997
71-008998
71-008999
71-009000
71-009001
71-009003
71-009004
71-009005
71-009006
71-009009
71-009011
71-009014
71-009015
71-009016
71-009020
71-009021
71-009022
71-009023
71-009024
71-009026
71-009027
71-009029
71-009030
71-009032
71-009033
71-009034
71-009035
71-009036
71-009039
71-009476
71-009508
71-009606
71-009878
71-009889
71-011543
71-012324
71-012955
General/Alaska
71-008983
General/Canada
71-008982
General/Connecticut
71-009007
General/Diagnostic Techniqu
71-009010
71-009038
General/France
71-009002
General/Georgia
71-008966
General/Greece
71-008937
General/India
71-008996
General/Malaysia
71-008979
General/Manitoba
71-009037
General/Venezuela
71-008908

...CONTINUED...
Parasites/Diseases
General/Yugoslavia
71-007981
Gill Diseases
71-009089
Gill Hyperplasia
71-009717
Gill Parasites
71-008904
71-008949
71-008950
71-008951
71-008980
71-009025
71-009492
71-009506
71-009507
71-009666
71-009667
71-009669
71-009730
71-009764
71-009828
71-009843
71-009919
Gilquinia squali
71-009773
Glomerular Mesangial Fibrosis
71-009694
Glugea anomala
71-009280
Glugea atherinae
71-009249
Glugea hertwigi
71-009017
71-009353
Glugea stephani
71-009330
71-009358
Glyphobothrium zwerneri
71-009985
Goezia
71-009601
Goiters
71-009588
71-009810
Golden Shiner Virus
71-009448
71-009457
Gracilisentis gracilisentis
71-009716
Green Liver
71-009906
Grillotia dollfusi
71-009571
Grillotia erinaceus
71-009768
71-012341
Gyrodactylus
71-009782
71-009796
71-009842
71-009894
Gyrodactylus elegans
71-009653
Gyrodactylus plotosi
71-009794
Gyrodactylus salaris
71-009718
Gyrodactylus stephanus
71-009497
Gyrometra kunduchi
71-009742
Haematractidium scombri
71-009326
71-009836
Haemogregarina
71-009307
Haemogregarina aeglefini
71-009283
Haemogregarina bigemina
71-009271
Haemogregarina sachai
71-009312
71-009313
71-009315
Haemogregarina simondi
71-009311
71-009314
Haemohormidium cotti
71-009598
71-009599
Hagerman Redmouth Disease
71-009072
Haliotrema kurodai
71-009845
Haplocleidus dispar
71-009507
Harveytrema bisulcatum
71-009750
Hatschekia plectropomi
71-009695
Hedruris spinigera
71-009655
Helminths
71-008957
71-009482
71-009486
71-009490
71-009500
71-009575
71-009584
71-009589
71-009593
71-009600
71-009620
71-009621
71-009637
71-009719

...CONTINUED...
Parasites/Diseases
Helminths
71-009729
71-009797
71-009814
71-009877
71-009888
71-009896
71-009903
71-009904
Hematozoa
71-009244
71-009247
71-009250
71-009279
71-009283
71-009306
71-009312
71-009313
71-009321
71-009374
71-009380
Hemiuridae
71-009753
Hemorrhagic septicemia
71-009118
Henneguya
71-009243
71-009281
71-009331
71-009333
71-009367
Henneguya adiposa
71-009266
Henneguya episclera
71-009332
Henneguya exilis
71-009264
71-009265
71-009267
71-009268
71-009363
Henneguya ophiocephali
71-009291
Henneguya psorospermica
71-009241
Henneguya sebasta
71-009294
71-009340
Hepato-Renal Syndrome
71-009240
Hepatomas
71-009800
71-009872
71-009931
71-009973
Herpesvirus scophthalmi
71-009402
71-009453
Hexamita salmonis
71-009285
Holobomolochus embiotocae
71-009665
Horricauda rhinobatidis
71-009730
Hudsonia agassizi
71-009559
Hyperostosis
71-009827
Hyperplasia
71-011029
Hypervitaminosis A
71-000763
Ichthyophonus
71-009222
Ichthyophthirius multifiliis
71-009248
71-009284
71-009318
71-009325
Ichtyobodo necator
71-009282
71-009360
ICPN
71-009416
IHN
71-008936
71-009388
71-009389
71-009406
71-009421
71-009423
71-009424
71-009427
71-009438
71-009444
71-009467
71-009468
Immune Hypersensitivity
71-009683
Immune Response
71-003110
71-003667
71-004131
71-008918
71-008919
71-008930
71-008954
71-008968
71-009013
71-009019
71-009043
71-009044
71-009045
71-009047
71-009053
71-009102

...CONTINUED...
Parasites/Diseases
Immune Response
71-009126
71-009156
71-009171
71-009365
71-009366
71-009447
71-011430
71-011432
Immunization
71-008889
71-008894
71-008911
71-008918
71-008927
71-008932
71-008934
71-009019
71-009042
71-009043
71-009050
71-009074
71-009078
71-009090
71-009092
71-009103
71-009109
71-009128
71-009129
71-009137
71-009138
71-009141
71-009144
71-009165
71-009193
71-009211
Injuries
71-009901
Interniloculus chilensis
71-009943
IPN
71-009398
71-009403
71-009404
71-009408
71-009413
71-009415
71-009418
71-009420
71-009422
71-009425
71-009427
71-009432
71-009441
71-009449
71-009450
71-009458
71-009463
71-009466
71-009467
71-009470
Irona melanosticta
71-009936
Isoglaridacris wisconsinensis
71-009989
Isoparorchis hypselobagri
71-009780
71-010007
Janiszewskella
71-009775
Keloids
71-009928
Kudoa clupeidae
71-009294
Kudoa pericardialis
71-009352
Lamellodiscus
71-009843
Lathyrism
71-009909
Lecithophyllum irelandeum
71-009852
Leeches
71-009483
71-009501
71-009545
71-009546
71-009547
71-009679
71-009726
71-009760
71-009816
71-009826
71-009974
71-009982
Lepeophtheirus
71-009610
Lepeophtheirus pectoralis
71-009523
71-009524
Lepeophtheirus salmonis
71-009526
Lepocreadium manteri
71-009849
Leptorhynchoides aphredoderi
71-009538
Leptorhynchoides thecatus
71-009620
71-009690
Leptotheca
71-009342
Lernaea cyprinacea
71-009541
71-009542
71-009604
71-009618
71-009619

...CONTINUED...
Parasites/Diseases
Lernaea cyprinacea
71-009741
71-009760
71-009968
71-009981
Lernaeenicus
71-009885
Lernaeenicus hemirhamphi
71-009829
Lernaeenicus radiatus
71-009970
Lernaeenicus sprattae
71-009915
Lernaeocera branchialis
71-009732
71-009951
71-009965
Lernaeolophus
71-009499
Ligula intestinalis
71-009781
71-009944
71-009945
Lipophoromatosis
71-009540
Lironeca ovalis
71-009876
Lissorchis hypentelii
71-009990
Lissorchis kritskyi
71-009498
Lymphocystis
71-008984
71-009387
71-009391
71-009393
71-009405
71-009430
71-009437
71-009440
71-009464
71-009469
71-009471
Lymphosarcomas
71-009890
Macroderoides trilobatus
71-009950
Macrovalvitrematoides micropogoni
71-009722
Malmiana
71-009545
Malmiana philotherma
71-009974
Margaritifera margaritifera
71-009643
71-009805
Meinertia
71-009898
Meinertia oestroides
71-009899
Meningitis
71-009147
71-009181
Metamicrocotyla macracantha
71-009809
Micropharynx parasitica
71-009495
Microsporida
71-009273
71-009353
71-009565
Monostephanostomum manteri
71-009751
Mugilicola
71-009721
Muscle Necrosis
71-009704
Mycobacterium
71-009040
71-009051
71-009096
71-009097
71-009205
Mycobacterium fortuitum
71-009058
Mycoplasmas
71-009790
Myofibrogranuloma
71-009636
Myxidium
71-009348
71-009354
Myxidium incurvatum
71-009240
Myxidium truttae
71-009290
Myxidium zealandicum
71-009317
Myxobilatus
71-009242
71-009251
Myxobolus
71-009275
71-009361
Myxobolus dentium
71-009288
Myxobolus exiguus
71-009365
71-009366
Myxobolus insidiosus
71-009381
Myxobolus latipinnacola
71-009375
Myxoproteus
71-009341
Myxosoma cerebralis
71-009270

...CONTINUED...
Parasites/Diseases
Myxosoma cerebralis
71-009289
71-009292
71-009293
71-009297
71-009298
71-009299
71-009319
71-009328
71-009356
71-009357
71-009373
71-009376
71-009377
71-009378
Myxosoma funduli
71-009269
71-009316
Myxosoma microspora
71-009828
Myxosoma notropis
71-009274
Myxosporida
71-009261
71-009265
71-009274
71-009275
71-009280
71-009281
71-009288
71-009294
71-009305
71-009334
71-009335
71-009344
71-009347
71-009365
71-009366
71-009375
Neascus
71-009968
Neascus cuticola
71-009897
Neascus ptychocheilus
71-009686
Neascus pyriformis
71-009615
Neascus rhinichthysi
71-009969
Nematobothrium spinneri
71-009759
Nematodes
71-005574
71-008896
71-009018
71-009472
71-009491
71-009494
71-009502
71-009504
71-009509
71-009510
71-009511
71-009515
71-009549
71-009566
71-009567
71-009582
71-009583
71-009590
71-009596
71-009601
71-009603
71-009638
71-009639
71-009640
71-009641
71-009642
71-009652
71-009655
71-009662
71-009676
71-009728
71-009738
71-009740
71-009744
71-009754
71-009757
71-009767
71-009783
71-009785
71-009786
71-009839
71-009846
71-009860
71-009873
71-009879
71-009880
71-009905
71-009918
71-009922
71-009923
71-009924
71-009925
71-009926
71-009934
71-009938
71-009956
71-009957
71-009958
71-009959
71-009960
71-009964
71-009971
71-009975
71-009976
71-009996

...CONTINUED...
Parasites/Diseases
Nematodes
71-009999
71-010000
71-010002
Neobenedenia girellae
71-009533
Neocamallanus bareilliensis
71-009918
Neoechinorhynchus cylindratus
71-009838
Neoechinorhynchus rutili
71-009962
Neoechinorhynchus saginatus
71-009820
Neohystero indicus
71-009473
Neohystero lecitha
71-009473
Neometadidymozoon helicis
71-009759
Nephrocalcinosis
71-008942
71-009651
71-009674
71-009927
Nerocila californica
71-009961
Nezpercella lewisi
71-009910
Nitrofurazone
71-009351
Nutritional Diseases
71-000888
71-009384
71-009874
71-009893
71-009930
Oceanobdella sexoculata
71-009726
One-Eye Disease
71-009711
Opecoelidae
71-009753
Opisthorchis pedicellata
71-009663
Ornithodiplostomum ptychocheilus
71-009684
71-009932
Oxytetracycline
71-009031
Pansteatitis
71-009893
Parabothriocephalus sagitticeps
71-009713
Paraneocreadium australiense
71-009752
Parasitic Copepods
71-007224
71-009018
71-009492
71-009499
71-009503
71-009519
71-009521
71-009523
71-009524
71-009541
71-009542
71-009550
71-009553
71-009581
71-009591
71-009592
71-009604
71-009608
71-009609
71-009610
71-009618
71-009619
71-009665
71-009667
71-009691
71-009692
71-009693
71-009695
71-009696
71-009697
71-009698
71-009699
71-009701
71-009702
71-009703
71-009712
71-009721
71-009723
71-009724
71-009725
71-009732
71-009741
71-009743
71-009758
71-009760
71-009787
71-009813
71-009829
71-009859
71-009866
71-009875
71-009881
71-009885
71-009887
71-009902
71-009912
71-009915
71-009951
71-009953
71-009965

...CONTINUED...
Parasites/Diseases
Parasitic Copepods
71-009967
71-009968
71-009970
71-009981
Parasitic Isopods
71-009763
71-009876
71-009898
71-009899
71-009900
71-009936
71-009961
71-009978
71-009993
Parasitic Molluscs
71-009597
71-009643
71-009805
71-011156
Parasiticides
71-010821
Paravitellotrema overstreeti
71-009535
Pasteurella
71-009066
71-009111
Pasteurella piscicida
71-009163
Pasteurellosis
71-009066
Penarchigetes fessus
71-009992
Peniculus asinus
71-009723
Peroderma
71-009712
Peroderma tasselum
71-009503
Philobythos atlanticus
71-009564
Philometra
71-009504
71-009593
Philometra cylindracea
71-009491
Philometra mariae
71-009846
Philometroides
71-009975
Philometroides huronensis
71-009956
71-009957
71-009958
71-009959
71-009960
Phocanema
71-010000
Phocanema decipiens
71-009515
71-009652
71-009785
Phocascaris
71-009922
71-009923
71-009924
71-009925
Phoma herbarum
71-009225
Phyllobothrium kingae
71-009913
Phyllodistomum scrippsi
71-009533
Phyllodistomum undulans
71-009626
Piromidic Acid
71-008970
71-009131
Piscicolaria reducta
71-009816
Piscine Erythrocytic Necrosis
71-009017
71-009394
71-009451
71-009452
71-009459
71-009461
71-009462
71-009465
Pituitary Cysts
71-002226
71-002227
Plagioporus shawi
71-009911
Pleistophora ovariae
71-009350
71-009351
Pleistophora typicalis
71-009257
Plethorchis acanthus
71-009788
Podocotyle atomon
71-009848
Poecilancistrium caryophyllum
71-009853
Polyonchobothrium clarias
71-009972
Polyonchobothrium scleropagis
71-009516
Polypodium
71-009942
Polypodium hydriforme
71-009882
Pomphorhynchus bulbocolli
71-009620
Pomphorhynchus laevis
71-009737

...CONTINUED...
Parasites/Diseases
Pomphorhynchus laevis
71-009739
Potassium Permanganate
71-009174
Proleptus mackenziei
71-009996
Proliferative Kidney Disease
71-009286
71-009287
71-009364
71-009629
Protancyrocephaloides liopsettae
71-009543
Proteocephalus
71-009520
71-009822
Proteocephalus buplanensis
71-009479
71-009792
Proteus rettgeri
71-009059
Protozoan Diseases
71-008942
71-008990
71-009017
71-009114
71-009115
71-009240
71-009241
71-009242
71-009243
71-009244
71-009245
71-009246
71-009247
71-009248
71-009249
71-009250
71-009251
71-009252
71-009253
71-009254
71-009255
71-009256
71-009257
71-009258
71-009259
71-009260
71-009261
71-009262
71-009263
71-009264
71-009265
71-009266
71-009267
71-009268
71-009269
71-009270
71-009271
71-009272
71-009273
71-009274
71-009275
71-009276
71-009277
71-009278
71-009279
71-009280
71-009281
71-009282
71-009283
71-009284
71-009285
71-009286
71-009287
71-009288
71-009289
71-009290
71-009291
71-009292
71-009293
71-009294
71-009295
71-009296
71-009297
71-009298
71-009299
71-009300
71-009301
71-009302
71-009303
71-009304
71-009305
71-009306
71-009307
71-009308
71-009309
71-009310
71-009311
71-009312
71-009313
71-009314
71-009315
71-009316
71-009317
71-009318
71-009319
71-009320
71-009321
71-009322
71-009323
71-009324
71-009325
71-009326
71-009327
71-009328
71-009329

...CONTINUED...
Parasites/Diseases
 Protozoan Diseases
  71-009330
  71-009331
  71-009332
  71-009333
  71-009334
  71-009335
  71-009336
  71-009337
  71-009338
  71-009339
  71-009340
  71-009341
  71-009342
  71-009343
  71-009344
  71-009345
  71-009346
  71-009347
  71-009348
  71-009349
  71-009350
  71-009351
  71-009352
  71-009353
  71-009354
  71-009355
  71-009356
  71-009357
  71-009358
  71-009359
  71-009360
  71-009361
  71-009362
  71-009363
  71-009364
  71-009365
  71-009366
  71-009367
  71-009368
  71-009369
  71-009370
  71-009371
  71-009372
  71-009373
  71-009374
  71-009375
  71-009376
  71-009377
  71-009378
  71-009379
  71-009380
  71-009381
  71-009382
  71-009383
  71-009828
 Pseudechetus fimbriatus
  71-009875
 Pseudodactylogyrus
  71-009706
 Pseudodactylogyrus microrchis
  71-009707
  71-009708
 Pseudomonas
  71-009067
  71-009088
 Pseudomonas anguilliseptica
  71-009120
  71-009136
  71-009165
 Pseudomonas fluorescens
  71-009118
  71-009181
 Pseudomonas reptilivora
  71-009148
 Pseudonicothoe branchialis
  71-009492
 Pseudophyllidae
  71-009556
 Pterocleidus acer
  71-009507
 Raphidascaris acus
  71-009603
 Red-Sore Disease
  71-009115
  71-009124
  71-009258
 Red-Spot Disease
  71-009041
  71-009114
  71-009120
  71-009136
  71-009165
 Renibacterium salmoninarum
  71-009186
 Renicola
  71-009772
 Rhabdochona catostomi
  71-009728
 Rhabdochona parastromatei
  71-009511
 Rhabdospora thelohani
  71-009240
 Rhabdovirus Disease
  71-009409
  71-009410
  71-009455
 Rhabodochona kisutchi
  71-009786
 Rhinebothrium
  71-009489
  71-009596
 Rhinoptericola megacantha
  71-009572
 Rhipidocotyle lintoni
  71-009939

...CONTINUED...
Parasites/Diseases
 Rhipidocotyle transversale
  71-009939
 Rogersus rogersi
  71-009991
 Rowardleus
  71-009775
 Saddleback Disease
  71-009073
 Salmincola
  71-009702
 Salmincola californiensis
  71-009724
 Salmincola edwardsii
  71-009968
 Salmon Lice
  71-009526
 Salmonella
  71-009160
 Saprolegnia
  71-009228
  71-009229
  71-009230
  71-009231
  71-009232
  71-009234
  71-009236
  71-009238
  71-009239
 Saprolegnia diclina
  71-009227
 Sarcocystis
  71-009349
 SBS
  71-009149
 Schistocephalus solidus
  71-009804
  71-009864
 Sclerocollum rubrimaris
  71-009914
 Serpentisaccus magnificae
  71-009519
 Sphaerospora angulata
  71-009337
 Spinitectus gordoni
  71-009590
 Spinitectus gracilis
  71-009740
 Spinitectus micracanthus
  71-009740
 Spirocamallanus
  71-009639
  71-009641
 Spiruroidea
  71-009662
 Spring Viremia
  71-009385
  71-009386
  71-009396
 Spriocamallanus cricotus
  71-009638
 Spruce Budworm Nuclear Polyhedrosis Virus
  71-009456
 Streptococcus
  71-009055
  71-009056
  71-009133
  71-009135
  71-009138
  71-009139
  71-009142
 Strigeoids
  71-009517
 Systemic Granulomata
  71-009443
 Telogaster opisthorchis
  71-009799
 Tergestia karachiense
  71-009514
 Terranova decipiens
  71-009472
 Tetracycline Hydrochloride
  71-011349
 Tetrahymena
  71-009302
 Tetraonchus
  71-009844
 Tetraonchus rauschi
  71-009997
 Textrema hopkinsi
  71-009613
 Thyroid Hyperplasia
  71-009933
 Trachelobdella oregonensis
  71-009546
 Transversotrema patialense
  71-009487
  71-009807
  71-009808
 Trematodes
  71-009018
  71-009473
  71-009475
  71-009487
  71-009493
  71-009497
  71-009498
  71-009505
  71-009506
  71-009507
  71-009512
  71-009513
  71-009514
  71-009517
  71-009527
  71-009528

...CONTINUED...
Parasites/Diseases
 Trematodes
  71-009529
  71-009532
  71-009533
  71-009535
  71-009543
  71-009544
  71-009551
  71-009552
  71-009557
  71-009559
  71-009562
  71-009563
  71-009565
  71-009579
  71-009580
  71-009585
  71-009586
  71-009587
  71-009594
  71-009595
  71-009605
  71-009611
  71-009612
  71-009613
  71-009615
  71-009622
  71-009623
  71-009624
  71-009626
  71-009632
  71-009633
  71-009634
  71-009635
  71-009644
  71-009645
  71-009649
  71-009650
  71-009653
  71-009654
  71-009658
  71-009659
  71-009660
  71-009661
  71-009663
  71-009666
  71-009667
  71-009668
  71-009669
  71-009680
  71-009681
  71-009684
  71-009685
  71-009686
  71-009687
  71-009706
  71-009707
  71-009708
  71-009718
  71-009722
  71-009727
  71-009730
  71-009734
  71-009746
  71-009748
  71-009749
  71-009750
  71-009751
  71-009752
  71-009753
  71-009755
  71-009756
  71-009759
  71-009761
  71-009762
  71-009764
  71-009765
  71-009766
  71-009769
  71-009770
  71-009771
  71-009772
  71-009776
  71-009777
  71-009778
  71-009779
  71-009780
  71-009782
  71-009784
  71-009788
  71-009789
  71-009791
  71-009793
  71-009794
  71-009795
  71-009796
  71-009799
  71-009807
  71-009808
  71-009809
  71-009812
  71-009815
  71-009819
  71-009821
  71-009841
  71-009842
  71-009843
  71-009844
  71-009845
  71-009847
  71-009848
  71-009849
  71-009850
  71-009851
  71-009852
  71-009854

...CONTINUED...
Parasites/Diseases
 Trematodes
  71-009858
  71-009863
  71-009865
  71-009883
  71-009884
  71-009886
  71-009894
  71-009895
  71-009897
  71-009910
  71-009911
  71-009919
  71-009921
  71-009932
  71-009939
  71-009940
  71-009941
  71-009943
  71-009950
  71-009952
  71-009954
  71-009955
  71-009966
  71-009968
  71-009969
  71-009984
  71-009990
  71-009997
  71-010007
 Trichlorfon
  71-009708
 Trichodina oviducti
  71-009309
 Trichodinid Ciliates
  71-009329
 Triganodistomum attenuatum
  71-009819
 Trochopella candida
  71-009765
 Troglocephalus rhinobatidis
  71-009730
 Truttaedacnites truttae
  71-009905
 Truttaedacnitis stelmioides
  71-009879
  71-009880
 Trypanoplasma beckeri
  71-009255
 Trypanoplasma borelli
  71-009279
 Trypanoplasma salmositica
  71-009374
  71-009379
 Trypanorhyncha
  71-009574
  71-009576
  71-009682
 Trypanosoma catostomi
  71-009252
 Trypanosoma choudhuryi
  71-009327
 Trypanosoma cobitis
  71-009320
 Trypanosoma danilewskyi
  71-009279
 Trypanosoma murmanensis
  71-009308
 Trypanosoma platessae
  71-009262
 Trypanosomes
  71-009279
  71-009306
  71-009310
  71-009321
  71-009370
  71-009371
 Tuberculosis
  71-009063
  71-009097
  71-009151
  71-009205
 Tumors
  71-002164
  71-008983
  71-008984
  71-009058
  71-009291
  71-009414
  71-009474
  71-009493
  71-009540
  71-009568
  71-009569
  71-009577
  71-009578
  71-009588
  71-009607
  71-009664
  71-009670
  71-009671
  71-009672
  71-009710
  71-009747
  71-009790
  71-009801
  71-009827
  71-009846
  71-009856
  71-009857
  71-009861
  71-009867
  71-009868
  71-009869
  71-009870
  71-009871

...CONTINUED...
Parasites/Diseases
  Tumors
    71-009890
    71-009916
    71-009920
    71-009928
    71-009937
    71-010003
    71-010004
    71-010005
    71-010036
  Turbellarians
    71-009495
  Turgecaecum longifauces
    71-009941
  Tylodelphys clavata
    71-009548
    71-009734
  Ulcerative Dermal Necrosis
    71-009081
    71-009082
    71-009150
    71-009200
    71-009539
    71-009892
  Ulcers
    71-009145
    71-009182
  Ultraviolet Light
    71-009028
    71-009067
  Unicoelium prochilodorum
    71-009952
  Urceolariidae
    71-009369
  Urocleidus adspectus
    71-009586
  Urocleidus angularis
    71-009497
  Urocleidus ferox
    71-009666
    71-009815
  Urocleidus nactus
    71-009795
  Uronema marinum
    71-009260
  Uvulifer
    71-009505
  Vertebral Dysplasia
    71-010715
  Vibrio
    71-009067
    71-009088
    71-009098
    71-009101
    71-009125
    71-009154
    71-009157
    71-009164
    71-009182
    71-009195
  Vibrio anguillarum
    71-008936
    71-009042
    71-009047
    71-009048
    71-009049
    71-009050
    71-009062
    71-009076
    71-009077
    71-009078
    71-009079
    71-009092
    71-009095
    71-009103
    71-009108
    71-009109
    71-009110
    71-009112
    71-009121
    71-009127
    71-009128
    71-009129
    71-009141
    71-009144
    71-009145
    71-009166
    71-009167
    71-009169
    71-009170
    71-009176
    71-009183
    71-009184
    71-009190
    71-009191
    71-009192
    71-009203
    71-009207
    71-009217
  Vibrio parahaemolyticus
    71-009084
  Vibriosis
    71-009068
    71-009074
    71-009076
    71-009078
    71-009094
    71-009108
    71-009121
    71-009127
    71-009128
    71-009129
    71-009146
    71-009154
    71-009170
    71-009183
    71-009184

...CONTINUED...
Parasites/Diseases
  Vibriosis
    71-009191
    71-009217
  Viral Diseases
    71-008936
    71-008956
    71-008984
    71-009017
    71-009058
    71-009385
    71-009386
    71-009387
    71-009388
    71-009389
    71-009390
    71-009391
    71-009392
    71-009393
    71-009394
    71-009395
    71-009396
    71-009397
    71-009398
    71-009399
    71-009400
    71-009401
    71-009402
    71-009403
    71-009404
    71-009405
    71-009406
    71-009407
    71-009408
    71-009409
    71-009410
    71-009411
    71-009412
    71-009413
    71-009414
    71-009415
    71-009416
    71-009417
    71-009418
    71-009419
    71-009420
    71-009421
    71-009422
    71-009423
    71-009424
    71-009425
    71-009426
    71-009427
    71-009428
    71-009429
    71-009430
    71-009431
    71-009432
    71-009433
    71-009434
    71-009435
    71-009436
    71-009437
    71-009438
    71-009439
    71-009440
    71-009441
    71-009442
    71-009444
    71-009445
    71-009446
    71-009447
    71-009448
    71-009449
    71-009450
    71-009451
    71-009452
    71-009453
    71-009454
    71-009455
    71-009456
    71-009457
    71-009458
    71-009459
    71-009460
    71-009461
    71-009462
    71-009463
    71-009464
    71-009465
    71-009466
    71-009467
    71-009468
    71-009469
    71-009470
    71-009471
    71-011308
    71-012304
  Viral Erythrocytic Necrosis
    71-009417
    71-009433
    71-009434
  Viral Hemorrhagic Septicemia
    71-009392
    71-009407
    71-009419
    71-009442
  Wenyonia virilis
    71-009496
  Whirling Disease
    71-009270
    71-009289
    71-009292
    71-009293
    71-009297
    71-009298
    71-009299
    71-009319

...CONTINUED...
Parasites/Diseases
  Whirling Disease
    71-009328
    71-009356
    71-009357
    71-009373
    71-009376
    71-009377
    71-009378
  Winkenthughesia
    71-009765
  Yersinia ruckeri
    71-009044
    71-009064
    71-009070
  Zschokkella
    71-009345
  Zschokkella embiotocidis
    71-009339
Physiology
  Acidosis
    71-003230
  Acoustico-Lateralis System
    71-001467
    71-002266
    71-002267
    71-002285
    71-002568
    71-002569
    71-002584
    71-002603
    71-002852
    71-003515
    71-003516
    71-003748
    71-003939
    71-004312
  Actomyosins
    71-004445
  Adenosine
    71-002458
  Adrenaline
    71-002108
    71-004256
  Aestivation
    71-002169
    71-002464
  Air Breathing
    71-001627
    71-002167
    71-002195
    71-002196
    71-002345
    71-002374
    71-002512
    71-002607
    71-002678
    71-002692
    71-002693
    71-002749
    71-002845
    71-002867
    71-003003
    71-003004
    71-003005
    71-003006
    71-003007
    71-003066
    71-003067
    71-003118
    71-003158
    71-003159
    71-003160
    71-003179
    71-003300
    71-003301
    71-003302
    71-003424
    71-003454
    71-003556
    71-003685
    71-003776
    71-003801
    71-003802
    71-003857
    71-003858
    71-003933
    71-003934
    71-004033
    71-004055
    71-004114
    71-004115
    71-004176
    71-004300
    71-004301
    71-005000
  Alarm Substances
    71-003795
    71-004070
    71-005063
    71-005285
  Alimentary Tract
    71-005795
  Amino Acids
    71-000827
    71-002141
    71-002183
    71-002393
    71-002518
    71-002519
    71-002680
    71-002691
    71-002696
    71-002697
    71-002733
    71-002795
    71-002824
    71-002846

...CONTINUED...
Physiology
  Amino Acids
    71-002945
    71-003016
    71-003105
    71-003114
    71-003138
    71-003155
    71-003209
    71-003210
    71-003211
    71-003212
    71-003254
    71-003255
    71-003506
    71-003546
    71-003682
    71-003879
    71-003967
    71-004026
    71-004104
    71-004146
    71-004151
    71-004155
    71-004168
    71-004482
    71-007392
  Ammonia
    71-003573
  Ampullae of Lorenzini
    71-002126
  Ampullary System
    71-002323
    71-004164
    71-004195
  Androgen
    71-004167
  Angiotensin
    71-003458
  Anoxia
    71-002836
    71-004066
    71-004269
    71-004270
    71-004330
  Antiandrogens
    71-002885
  Antibiotics
    71-003580
  Antifreeze Production
    71-002612
    71-002613
    71-002614
    71-002709
    71-002710
    71-002714
    71-002890
    71-002920
    71-003054
    71-003055
    71-003718
    71-003789
    71-003851
    71-003855
    71-003865
    71-004071
    71-004275
  Antigens
    71-002768
    71-004043
    71-009799
  Antipyresis
    71-009180
  Ascorbic Acid
    71-000881
    71-000882
    71-002984
    71-002985
    71-004491
  ATP
    71-002061
    71-002509
    71-002658
    71-002659
    71-002660
    71-002926
    71-003169
    71-003170
    71-003224
    71-003566
    71-003760
    71-003796
    71-003799
    71-003844
    71-003920
    71-003928
    71-003953
    71-004139
    71-004217
    71-004245
    71-004378
    71-004463
    71-011362
  Auditory Senses
    71-002681
    71-002682
    71-004188
  Bile Composition
    71-002362
    71-003069
    71-003070
    71-003188
    71-003278
    71-004048
  Biochemical Composition
    71-000839
    71-000858
    71-000946

...CONTINUED...
Physiology
  Biochemical Composition
    71-002183
    71-002197
    71-002210
    71-002264
    71-002297
    71-002403
    71-002415
    71-002477
    71-002504
    71-002506
    71-002521
    71-002522
    71-002529
    71-002570
    71-002640
    71-002664
    71-002667
    71-002696
    71-002712
    71-002805
    71-002859
    71-002890
    71-002891
    71-002923
    71-002942
    71-002963
    71-002987
    71-003037
    71-003070
    71-003076
    71-003134
    71-003135
    71-003140
    71-003142
    71-003251
    71-003252
    71-003253
    71-003274
    71-003290
    71-003311
    71-003325
    71-003365
    71-003366
    71-003367
    71-003390
    71-003392
    71-003407
    71-003422
    71-003460
    71-003466
    71-003480
    71-003532
    71-003607
    71-003688
    71-003759
    71-003765
    71-003778
    71-003794
    71-003863
    71-003897
    71-003926
    71-003988
    71-003995
    71-004002
    71-004012
    71-004014
    71-004017
    71-004151
    71-004152
    71-004156
    71-004196
    71-004197
    71-004245
    71-004406
    71-004449
    71-004451
    71-004463
    71-004504
    71-004534
  Bioenergetics
    71-000880
    71-000939
    71-001985
    71-002100
    71-002263
    71-002314
    71-002424
    71-002427
    71-002436
    71-002576
    71-002747
    71-002993
    71-003206
    71-003518
    71-003554
    71-004180
    71-004339
    71-004340
    71-004367
    71-004433
    71-005791
    71-005907
    71-006283
    71-007273
    71-007328
  Bioluminescence
    71-002144
    71-002145
    71-002173
    71-002562
    71-002898
    71-002965
    71-002966
    71-003400
    71-003547

...CONTINUED...
Physiology
  Bioluminescence
    71-004342
    71-004355
    71-004496
  Biosorption
    71-004515
  Blood Chemistry
    71-002116
    71-002135
    71-002136
    71-002137
    71-002155
    71-002163
    71-002169
    71-002174
    71-002177
    71-002179
    71-002180
    71-002181
    71-002190
    71-002191
    71-002194
    71-002195
    71-002196
    71-002198
    71-002199
    71-002200
    71-002247
    71-002257
    71-002275
    71-002288
    71-002290
    71-002291
    71-002292
    71-002308
    71-002309
    71-002317
    71-002325
    71-002326
    71-002327
    71-002331
    71-002352
    71-002372
    71-002373
    71-002375
    71-002376
    71-002385
    71-002394
    71-002395
    71-002404
    71-002423
    71-002440
    71-002446
    71-002454
    71-002455
    71-002456
    71-002459
    71-002465
    71-002468
    71-002470
    71-002472
    71-002480
    71-002483
    71-002492
    71-002494
    71-002513
    71-002515
    71-002523
    71-002536
    71-002555
    71-002561
    71-002571
    71-002577
    71-002608
    71-002613
    71-002617
    71-002623
    71-002626
    71-002628
    71-002641
    71-002665
    71-002666
    71-002671
    71-002673
    71-002680
    71-002697
    71-002698
    71-002713
    71-002714
    71-002715
    71-002717
    71-002731
    71-002736
    71-002742
    71-002760
    71-002763
    71-002768
    71-002782
    71-002785
    71-002806
    71-002808
    71-002818
    71-002824
    71-002826
    71-002840
    71-002855
    71-002856
    71-002868
    71-002880
    71-002899
    71-002900
    71-002904
    71-002905
    71-002912
    71-002927
    71-002930
    71-002932

...CONTINUED...
Physiology
  Blood Chemistry
    71-002933
    71-002961
    71-002971
    71-003022
    71-003046
    71-003049
    71-003051
    71-003054
    71-003060
    71-003069
    71-003074
    71-003078
    71-003117
    71-003118
    71-003119
    71-003120
    71-003159
    71-003160
    71-003161
    71-003163
    71-003180
    71-003190
    71-003209
    71-003212
    71-003220
    71-003225
    71-003241
    71-003246
    71-003263
    71-003279
    71-003288
    71-003297
    71-003316
    71-003335
    71-003348
    71-003353
    71-003354
    71-003355
    71-003356
    71-003369
    71-003370
    71-003380
    71-003389
    71-003402
    71-003403
    71-003409
    71-003410
    71-003426
    71-003436
    71-003439
    71-003453
    71-003454
    71-003460
    71-003461
    71-003462
    71-003522
    71-003524
    71-003552
    71-003556
    71-003576
    71-003592
    71-003603
    71-003606
    71-003618
    71-003619
    71-003620
    71-003621
    71-003622
    71-003623
    71-003626
    71-003627
    71-003630
    71-003632
    71-003644
    71-003656
    71-003659
    71-003680
    71-003725
    71-003736
    71-003737
    71-003762
    71-003764
    71-003766
    71-003767
    71-003768
    71-003769
    71-003770
    71-003771
    71-003772
    71-003773
    71-003775
    71-003781
    71-003784
    71-003819
    71-003828
    71-003829
    71-003848
    71-003850
    71-003857
    71-003870
    71-003891
    71-003896
    71-003922
    71-003927
    71-003937
    71-003949
    71-003971
    71-003998
    71-003999
    71-004000
    71-004022
    71-004025
    71-004033
    71-004037
    71-004038

...CONTINUED...
Physiology
  Blood Chemistry
    71-004041
    71-004049
    71-004050
    71-004060
    71-004077
    71-004087
    71-004090
    71-004092
    71-004093
    71-004096
    71-004098
    71-004104
    71-004135
    71-004136
    71-004145
    71-004181
    71-004182
    71-004194
    71-004216
    71-004254
    71-004259
    71-004276
    71-004277
    71-004278
    71-004279
    71-004295
    71-004302
    71-004306
    71-004321
    71-004343
    71-004344
    71-004361
    71-004362
    71-004363
    71-004364
    71-004365
    71-004369
    71-004378
    71-004388
    71-004397
    71-004399
    71-004409
    71-004422
    71-004425
    71-004430
    71-004435
    71-004436
    71-004446
    71-004453
    71-004467
    71-004468
    71-004492
    71-004500
    71-004654
    71-004784
    71-004791
    71-006274
    71-006652
    71-006652
    71-008897
    71-009010
    71-009056
    71-009114
    71-009929
    71-010753
  Body Temperature
    71-002239
    71-002876
    71-003894
    71-004287
  Cadmium
    71-004403
  Calcium
    71-000830
    71-003170
    71-003586
    71-004254
  Calorific Values
    71-002478
    71-003153
    71-003528
  Carbohydrates
    71-004016
  Carbon
    71-000691
  Carbon Dioxide
    71-004485
  Cardio-Vascular System
    71-001449
    71-002176
    71-002286
    71-002287
    71-002365
    71-002377
    71-002378
    71-002379
    71-002386
    71-002417
    71-002458
    71-002664
    71-002671
    71-002676
    71-002678
    71-002679
    71-002790
    71-002799
    71-002800
    71-002814
    71-002827
    71-002964
    71-003018
    71-003023
    71-003089
    71-003225
    71-003349

...CONTINUED...
Physiology
Cardio-Vascular System
71-003412
71-003477
71-003707
71-003712
71-003713
71-003763
71-003774
71-003786
71-003839
71-003840
71-003875
71-003903
71-003908
71-003971
71-003980
71-003987
71-004056
71-004075
71-004319
71-004320
71-004370
71-004423
71-004424
71-004427
Carnosine
71-004349
Carotenoids
71-002154
71-002499
71-002500
71-002501
71-002931
71-003204
71-003359
71-003489
71-003490
71-003491
71-003492
71-003493
71-003494
71-003495
71-003496
71-003616
71-003669
Catecholamines
71-002108
71-002110
71-002111
71-002366
71-002377
71-002510
71-003123
71-003376
71-003792
71-003793
71-010618
Caudal Neurosecretory System
71-002162
71-003310
71-003473
71-003654
Cell Culture
71-002946
71-003039
71-003375
71-003414
71-004351
Cement Glands
71-002889
Cesium
71-002368
71-003154
71-003323
Chemoreception
71-002531
71-004485
Chloride Cells
71-002254
71-002552
71-003657
Chromaffin Tissue
71-002110
71-002111
Circulatory System
71-002444
Cobalt
71-002688
71-003314
71-003329
Coloration
71-001759
71-002114
71-002353
71-002461
71-002493
71-002931
71-003090
71-003214
71-003388
71-003670
71-004322
Copper
71-004455
Corpuscle of Stannius
71-002123
71-002124
71-003438
71-003541
71-003542
71-003545
Corticosteroids
71-002189
71-003416
71-004007
71-004232
71-004233
Cortisol
71-002161

...CONTINUED...
Physiology
Cortisol
71-002180
71-002515
71-003162
71-003381
71-003416
71-004007
71-004133
71-004198
71-004474
Decomposition
71-001163
71-004057
Decompression
71-004430
Diapause
71-003468
71-003487
Digestion Rates
71-000693
71-000752
71-002718
71-002728
71-002862
71-003156
71-003157
71-003519
71-003777
71-003960
71-004243
71-004408
71-006770
71-006949
71-006979
71-007283
Digestive System
71-000780
71-001908
71-001990
71-002158
71-002272
71-002273
71-002334
71-002369
71-002505
71-002861
71-003011
71-003012
71-003024
71-003025
71-003026
71-003105
71-003133
71-003256
71-003268
71-003334
71-003337
71-003501
71-003643
71-003726
71-003757
71-003901
71-003902
71-003924
71-004003
71-004118
71-004121
71-004177
71-004186
71-004353
71-004454
71-004489
71-004494
71-004495
71-005795
Digestive System/Bacterial Flora
71-002887
71-002888
71-003404
71-003418
71-003582
71-003899
71-003923
71-003931
71-003932
71-004144
71-004236
71-004237
71-004251
DNA
71-002332
71-002333
71-002343
71-002802
71-002881
71-002896
71-002986
71-003608
71-004242
71-004507
Early Development
71-002471
71-002864
71-003014
71-003386
71-003577
71-003711
71-003898
71-004015
71-004162
71-004206
71-004336
71-004337
71-006183
71-008329
Egg Size
71-007594

...CONTINUED...
Physiology
Eggs
71-002502
71-004484
Electric Organs
71-001670
71-002193
71-002216
71-002518
71-002615
71-002689
71-002801
71-003258
71-003309
71-003358
71-003536
71-003694
71-003892
71-003962
71-003963
71-003964
71-004220
71-004354
71-004356
71-004384
71-004385
71-005092
71-005745
71-010167
Electrical Fields/Skin
71-002237
71-003189
71-003475
Electrophoresis
71-002617
71-002866
71-002904
71-002916
71-002956
71-003009
71-003193
71-003352
71-003378
71-003471
71-003564
71-003612
71-003650
71-003672
71-003824
71-003883
71-003988
71-004044
71-004069
71-004184
71-004280
71-004298
71-004357
71-004492
71-004761
71-004767
71-004800
71-008795
Electrophysiology
71-002863
71-003503
71-003636
Electroreception
71-001903
71-002125
71-002208
71-002219
71-002234
71-002312
71-002313
71-002323
71-002339
71-002340
71-002341
71-002694
71-002934
71-002959
71-003668
71-003687
71-003847
71-003910
71-003966
71-004163
71-004164
71-004221
71-004289
71-004290
71-004312
71-005266
Electroshock
71-002206
71-002350
71-002496
71-003449
71-004360
71-004386
Electrotaxis
71-012599
Embryology
71-000522
71-000662
71-001792
71-001901
71-002132
71-002141
71-002151
71-002166
71-002175
71-002231
71-002235
71-002304
71-002305
71-002321
71-002332

...CONTINUED...
Physiology
Embryology
71-002429
71-002442
71-002471
71-002516
71-002527
71-002603
71-002690
71-002702
71-002719
71-002741
71-002786
71-002809
71-002839
71-002870
71-002871
71-002872
71-002873
71-002892
71-002893
71-002894
71-002895
71-002917
71-002991
71-003068
71-003146
71-003176
71-003200
71-003207
71-003228
71-003233
71-003262
71-003280
71-003291
71-003320
71-003340
71-003343
71-003363
71-003374
71-003386
71-003399
71-003408
71-003429
71-003468
71-003469
71-003487
71-003543
71-003570
71-003577
71-003645
71-003665
71-003705
71-003714
71-003750
71-003785
71-003852
71-003853
71-003887
71-003902
71-003903
71-003911
71-003912
71-003921
71-003965
71-003996
71-004191
71-004206
71-004313
71-004450
71-004466
71-004482
71-004504
71-004510
71-004919
71-006192
71-006415
71-006453
71-006574
71-010365
71-010635
71-011166
71-011226
Endocrinology
71-000076
71-000095
71-000150
71-000343
71-000759
71-000824
71-001047
71-001425
71-002101
71-002112
71-002123
71-002124
71-002140
71-002161
71-002168
71-002171
71-002176
71-002178
71-002189
71-002217
71-002224
71-002225
71-002228
71-002229
71-002236
71-002246
71-002248
71-002250
71-002253
71-002284
71-002289
71-002296
71-002310

...CONTINUED...
- Physiology
  - Endocrinology
    - 71-002336
    - 71-002344
    - 71-002347
    - 71-002348
    - 71-002358
    - 71-002361
    - 71-002382
    - 71-002390
    - 71-002410
    - 71-002412
    - 71-002413
    - 71-002414
    - 71-002415
    - 71-002423
    - 71-002437
    - 71-002467
    - 71-002469
    - 71-002479
    - 71-002481
    - 71-002484
    - 71-002487
    - 71-002488
    - 71-002489
    - 71-002490
    - 71-002491
    - 71-002492
    - 71-002537
    - 71-002542
    - 71-002545
    - 71-002546
    - 71-002547
    - 71-002551
    - 71-002556
    - 71-002558
    - 71-002560
    - 71-002574
    - 71-002577
    - 71-002578
    - 71-002579
    - 71-002589
    - 71-002590
    - 71-002591
    - 71-002592
    - 71-002596
    - 71-002611
    - 71-002619
    - 71-002620
    - 71-002634
    - 71-002645
    - 71-002646
    - 71-002647
    - 71-002650
    - 71-002665
    - 71-002674
    - 71-002685
    - 71-002701
    - 71-002707
    - 71-002708
    - 71-002709
    - 71-002722
    - 71-002723
    - 71-002751
    - 71-002752
    - 71-002754
    - 71-002755
    - 71-002756
    - 71-002757
    - 71-002758
    - 71-002759
    - 71-002761
    - 71-002762
    - 71-002764
    - 71-002765
    - 71-002772
    - 71-002773
    - 71-002810
    - 71-002811
    - 71-002816
    - 71-002830
    - 71-002832
    - 71-002847
    - 71-002848
    - 71-002849
    - 71-002851
    - 71-002882
    - 71-002884
    - 71-002900
    - 71-002948
    - 71-002961
    - 71-002970
    - 71-002975
    - 71-002976
    - 71-002977
    - 71-002978
    - 71-002992
    - 71-003030
    - 71-003031
    - 71-003032
    - 71-003033
    - 71-003034
    - 71-003041
    - 71-003043
    - 71-003071
    - 71-003072
    - 71-003073
    - 71-003077
    - 71-003080
    - 71-003083
    - 71-003085
    - 71-003088
    - 71-003097
    - 71-003098
    - 71-003102
    - 71-003103
    - 71-003104

...CONTINUED...
- Physiology
  - Endocrinology
    - 71-003106
    - 71-003112
    - 71-003115
    - 71-003132
    - 71-003144
    - 71-003152
    - 71-003162
    - 71-003181
    - 71-003195
    - 71-003196
    - 71-003197
    - 71-003205
    - 71-003218
    - 71-003221
    - 71-003222
    - 71-003223
    - 71-003234
    - 71-003242
    - 71-003244
    - 71-003245
    - 71-003247
    - 71-003248
    - 71-003261
    - 71-003275
    - 71-003282
    - 71-003283
    - 71-003284
    - 71-003285
    - 71-003286
    - 71-003304
    - 71-003322
    - 71-003346
    - 71-003347
    - 71-003357
    - 71-003368
    - 71-003383
    - 71-003384
    - 71-003385
    - 71-003387
    - 71-003388
    - 71-003433
    - 71-003456
    - 71-003457
    - 71-003465
    - 71-003467
    - 71-003479
    - 71-003482
    - 71-003520
    - 71-003521
    - 71-003523
    - 71-003531
    - 71-003540
    - 71-003545
    - 71-003549
    - 71-003553
    - 71-003591
    - 71-003596
    - 71-003597
    - 71-003611
    - 71-003626
    - 71-003631
    - 71-003640
    - 71-003641
    - 71-003642
    - 71-003651
    - 71-003655
    - 71-003669
    - 71-003673
    - 71-003675
    - 71-003676
    - 71-003679
    - 71-003689
    - 71-003692
    - 71-003693
    - 71-003695
    - 71-003696
    - 71-003700
    - 71-003701
    - 71-003702
    - 71-003704
    - 71-003716
    - 71-003717
    - 71-003728
    - 71-003732
    - 71-003733
    - 71-003735
    - 71-003741
    - 71-003744
    - 71-003779
    - 71-003780
    - 71-003790
    - 71-003813
    - 71-003820
    - 71-003821
    - 71-003827
    - 71-003859
    - 71-003869
    - 71-003890
    - 71-003900
    - 71-003902
    - 71-003917
    - 71-003951
    - 71-003957
    - 71-003975
    - 71-003976
    - 71-003977
    - 71-004009
    - 71-004031
    - 71-004032
    - 71-004034
    - 71-004042
    - 71-004061
    - 71-004064
    - 71-004073
    - 71-004085

...CONTINUED...
- Physiology
  - Endocrinology
    - 71-004094
    - 71-004095
    - 71-004106
    - 71-004120
    - 71-004147
    - 71-004174
    - 71-004193
    - 71-004200
    - 71-004205
    - 71-004214
    - 71-004232
    - 71-004234
    - 71-004240
    - 71-004246
    - 71-004248
    - 71-004255
    - 71-004257
    - 71-004271
    - 71-004272
    - 71-004292
    - 71-004303
    - 71-004304
    - 71-004305
    - 71-004313
    - 71-004329
    - 71-004368
    - 71-004372
    - 71-004381
    - 71-004382
    - 71-004383
    - 71-004390
    - 71-004391
    - 71-004401
    - 71-004402
    - 71-004431
    - 71-004435
    - 71-004438
    - 71-004448
    - 71-004461
    - 71-004462
    - 71-004464
    - 71-004465
    - 71-004474
    - 71-004475
    - 71-004493
    - 71-004505
    - 71-004514
    - 71-004516
    - 71-005372
    - 71-005963
    - 71-006498
    - 71-006531
    - 71-007512
    - 71-011031
    - 71-013329
  - Enzymes
    - 71-000845
    - 71-002102
    - 71-002103
    - 71-002104
    - 71-002114
    - 71-002158
    - 71-002186
    - 71-002230
    - 71-002242
    - 71-002303
    - 71-002329
    - 71-002369
    - 71-002411
    - 71-002439
    - 71-002472
    - 71-002473
    - 71-002497
    - 71-002505
    - 71-002509
    - 71-002511
    - 71-002573
    - 71-002582
    - 71-002601
    - 71-002663
    - 71-002692
    - 71-002693
    - 71-002721
    - 71-002736
    - 71-002739
    - 71-002744
    - 71-002782
    - 71-002798
    - 71-002805
    - 71-002850
    - 71-002865
    - 71-002866
    - 71-002867
    - 71-002876
    - 71-002877
    - 71-002916
    - 71-002945
    - 71-002947
    - 71-002956
    - 71-002998
    - 71-003002
    - 71-003003
    - 71-003006
    - 71-003009
    - 71-003011
    - 71-003025
    - 71-003035
    - 71-003113
    - 71-003124
    - 71-003125
    - 71-003136
    - 71-003141
    - 71-003147
    - 71-003149
    - 71-003166
    - 71-003168

...CONTINUED...
- Physiology
  - Enzymes
    - 71-003182
    - 71-003183
    - 71-003187
    - 71-003191
    - 71-003192
    - 71-003226
    - 71-003227
    - 71-003243
    - 71-003289
    - 71-003315
    - 71-003335
    - 71-003337
    - 71-003338
    - 71-003348
    - 71-003352
    - 71-003401
    - 71-003420
    - 71-003430
    - 71-003459
    - 71-003464
    - 71-003472
    - 71-003509
    - 71-003511
    - 71-003563
    - 71-003564
    - 71-003565
    - 71-003566
    - 71-003589
    - 71-003594
    - 71-003595
    - 71-003605
    - 71-003643
    - 71-003647
    - 71-003650
    - 71-003683
    - 71-003690
    - 71-003691
    - 71-003706
    - 71-003709
    - 71-003721
    - 71-003727
    - 71-003751
    - 71-003752
    - 71-003760
    - 71-003797
    - 71-003799
    - 71-003814
    - 71-003824
    - 71-003844
    - 71-003868
    - 71-003883
    - 71-003904
    - 71-003924
    - 71-003940
    - 71-003949
    - 71-003950
    - 71-003955
    - 71-003996
    - 71-004003
    - 71-004017
    - 71-004059
    - 71-004069
    - 71-004082
    - 71-004121
    - 71-004128
    - 71-004130
    - 71-004157
    - 71-004184
    - 71-004204
    - 71-004225
    - 71-004239
    - 71-004265
    - 71-004280
    - 71-004295
    - 71-004298
    - 71-004314
    - 71-004334
    - 71-004359
    - 71-004389
    - 71-004394
    - 71-004429
    - 71-004450
    - 71-004456
    - 71-004457
    - 71-004458
    - 71-004459
    - 71-004469
    - 71-004490
    - 71-004501
    - 71-004559
    - 71-004800
    - 71-007449
    - 71-009010
    - 71-010010
    - 71-010543
    - 71-010908
    - 71-010958
    - 71-011222
    - 71-011362
  - Epidermis
    - 71-003811
  - Estradiol
    - 71-002642
  - Excretory System
    - 71-002170
    - 71-002172
    - 71-002213
    - 71-002324
    - 71-002588
    - 71-002630
    - 71-002734
    - 71-002741
    - 71-002813
    - 71-002949
    - 71-003004

...CONTINUED...

- Physiology
  - Excretory System
    - 71-003267
    - 71-003331
    - 71-003341
    - 71-003342
    - 71-003373
    - 71-003425
    - 71-003444
    - 71-003572
    - 71-003574
    - 71-003602
    - 71-003652
    - 71-003681
    - 71-003699
    - 71-003755
    - 71-003791
    - 71-003808
    - 71-003843
    - 71-003866
    - 71-003873
    - 71-003885
    - 71-004122
    - 71-004128
    - 71-004159
    - 71-004231
    - 71-004256
    - 71-004335
    - 71-004383
    - 71-004422
    - 71-004449
    - 71-010996
  - Exercise
    - 71-001738
    - 71-002205
    - 71-002319
    - 71-002322
    - 71-002528
    - 71-002608
    - 71-003167
    - 71-003236
    - 71-003502
    - 71-003769
    - 71-004168
    - 71-004215
    - 71-004425
    - 71-004453
  - Fat Column
    - 71-003831
  - Fecundity
    - 71-003554
  - Fertilization
    - 71-002809
  - Fever
    - 71-008920
  - Food Conversion Efficiency
    - 71-000691
    - 71-000775
    - 71-000805
    - 71-000810
    - 71-000853
  - General
    - 71-002915
    - 71-003201
    - 71-005739
    - 71-011769
  - Gills
    - 71-001711
    - 71-002287
    - 71-002677
    - 71-003067
    - 71-003446
    - 71-003755
    - 71-003756
    - 71-003802
  - Growth Inhibiting Substances
    - 71-007484
  - Growth Stimulants
    - 71-000198
    - 71-000490
    - 71-002118
    - 71-002119
    - 71-002449
    - 71-002754
    - 71-002761
    - 71-002978
    - 71-002979
    - 71-003428
    - 71-003835
  - Gynogenesis
    - 71-004108
  - Healing
    - 71-002258
    - 71-002337
    - 71-003096
    - 71-003805
    - 71-008350
  - Heat Transfer
    - 71-004116
  - Heavy Metals
    - 71-000871
    - 71-002688
    - 71-002711
    - 71-003045
    - 71-003238
    - 71-003324
    - 71-003800
    - 71-004004
    - 71-004403
    - 71-004455
  - Hemoproteins
    - 71-002637
  - Hermaphroditism
    - 71-001434
    - 71-002164
    - 71-002328
    - 71-002580
    - 71-002581

...CONTINUED...

- Physiology
  - Hermaphroditism
    - 71-002598
    - 71-002878
    - 71-002886
    - 71-002936
    - 71-002980
    - 71-002982
    - 71-002994
    - 71-002995
    - 71-003143
    - 71-003151
    - 71-003568
    - 71-003888
    - 71-003973
    - 71-003985
    - 71-004166
    - 71-006264
    - 71-006265
    - 71-006342
  - Hormones
    - 71-000177
    - 71-000229
    - 71-000403
    - 71-001947
    - 71-001948
    - 71-002171
    - 71-002178
    - 71-002228
    - 71-002229
    - 71-002247
    - 71-002284
    - 71-002311
    - 71-002316
    - 71-002344
    - 71-002346
    - 71-002347
    - 71-002358
    - 71-002359
    - 71-002370
    - 71-002390
    - 71-002410
    - 71-002479
    - 71-002484
    - 71-002488
    - 71-002513
    - 71-002525
    - 71-002533
    - 71-002536
    - 71-002544
    - 71-002558
    - 71-002578
    - 71-002579
    - 71-002596
    - 71-002622
    - 71-002643
    - 71-002674
    - 71-002685
    - 71-002700
    - 71-002708
    - 71-002723
    - 71-002730
    - 71-002736
    - 71-002754
    - 71-002755
    - 71-002757
    - 71-002758
    - 71-002759
    - 71-002761
    - 71-002772
    - 71-002773
    - 71-002812
    - 71-002820
    - 71-002829
    - 71-002830
    - 71-002831
    - 71-002833
    - 71-002834
    - 71-002847
    - 71-002854
    - 71-002882
    - 71-002900
    - 71-002975
    - 71-002979
    - 71-002990
    - 71-003019
    - 71-003026
    - 71-003042
    - 71-003043
    - 71-003088
    - 71-003099
    - 71-003100
    - 71-003114
    - 71-003144
    - 71-003145
    - 71-003152
    - 71-003194
    - 71-003197
    - 71-003205
    - 71-003223
    - 71-003275
    - 71-003283
    - 71-003330
    - 71-003347
    - 71-003357
    - 71-003383
    - 71-003433
    - 71-003434
    - 71-003465
    - 71-003486
    - 71-003508
    - 71-003521
    - 71-003550
    - 71-003562
    - 71-003585
    - 71-003591
    - 71-003641
    - 71-003642

...CONTINUED...

- Physiology
  - Hormones
    - 71-003654
    - 71-003695
    - 71-003696
    - 71-003703
    - 71-003715
    - 71-003716
    - 71-003717
    - 71-003724
    - 71-003730
    - 71-003758
    - 71-003771
    - 71-003781
    - 71-003822
    - 71-003833
    - 71-003834
    - 71-003835
    - 71-003869
    - 71-003936
    - 71-003937
    - 71-003983
    - 71-004079
    - 71-004080
    - 71-004094
    - 71-004095
    - 71-004097
    - 71-004098
    - 71-004099
    - 71-004120
    - 71-004147
    - 71-004148
    - 71-004149
    - 71-004150
    - 71-004178
    - 71-004192
    - 71-004193
    - 71-004199
    - 71-004258
    - 71-004303
    - 71-004304
    - 71-004381
    - 71-004388
    - 71-004390
    - 71-004397
    - 71-004398
    - 71-004435
    - 71-004448
    - 71-004483
    - 71-004488
    - 71-005116
  - Hydrocarbons
    - 71-004112
  - Hyperoxia
    - 71-002553
  - Hypoxia
    - 71-000455
    - 71-002363
    - 71-002364
    - 71-002365
    - 71-002366
    - 71-002405
    - 71-002408
    - 71-002530
    - 71-002770
    - 71-002788
    - 71-002800
    - 71-002853
    - 71-003022
    - 71-003057
    - 71-003172
    - 71-003174
    - 71-003225
    - 71-003229
    - 71-003257
    - 71-003427
    - 71-003517
    - 71-003592
    - 71-003880
    - 71-003881
    - 71-003984
    - 71-004019
    - 71-004052
    - 71-004058
    - 71-004065
    - 71-004066
    - 71-004067
    - 71-004075
    - 71-004077
    - 71-004268
    - 71-004364
    - 71-004370
  - Ichthyootoxin
    - 71-010965
  - Immune Response
    - 71-002222
    - 71-002359
    - 71-002370
    - 71-002633
    - 71-002720
    - 71-002905
    - 71-003108
    - 71-003109
    - 71-003110
    - 71-003111
    - 71-003605
    - 71-003613
    - 71-003667
    - 71-003925
    - 71-004043
    - 71-004054
    - 71-004131
    - 71-004178
    - 71-004311
    - 71-008918
    - 71-008919
    - 71-008930
    - 71-008954

...CONTINUED...

- Physiology
  - Immune Response
    - 71-009013
    - 71-009043
    - 71-009045
    - 71-009171
    - 71-011282
  - Immunoglobulins
    - 71-004309
  - Incubation
    - 71-006340
  - Induced Maturation
    - 71-001988
    - 71-002100
    - 71-002122
    - 71-002381
    - 71-002462
    - 71-002533
    - 71-002604
    - 71-002643
    - 71-002644
    - 71-002684
    - 71-002730
    - 71-002834
    - 71-002991
    - 71-003086
    - 71-003131
    - 71-003145
    - 71-003677
    - 71-003728
    - 71-003893
    - 71-004080
    - 71-004107
    - 71-004143
    - 71-004171
    - 71-004172
    - 71-004247
    - 71-004258
    - 71-004512
  - Insulin
    - 71-003112
  - Integument
    - 71-002225
    - 71-002338
    - 71-003390
    - 71-003810
    - 71-005433
  - Iodine
    - 71-003072
  - Iron
    - 71-000871
    - 71-000873
    - 71-002120
    - 71-002688
  - Isoproterenol
    - 71-003382
  - Kidneys
    - 71-002771
  - Lactate Dehydrogenase
    - 71-002743
    - 71-002749
    - 71-002779
    - 71-003063
    - 71-003263
    - 71-003264
    - 71-003471
    - 71-003868
    - 71-003950
    - 71-004029
    - 71-004229
    - 71-004230
    - 71-004470
  - Lactate Levels
    - 71-002790
    - 71-004338
  - LAN
    - 71-002301
    - 71-002302
  - Lanthanum
    - 71-002625
  - Lectins
    - 71-004310
  - Lipid Composition
    - 71-002210
    - 71-002259
    - 71-002274
    - 71-002275
    - 71-002441
    - 71-002482
    - 71-002513
    - 71-002515
    - 71-002554
    - 71-002938
    - 71-002939
    - 71-002940
    - 71-002941
    - 71-002942
    - 71-002944
    - 71-002955
    - 71-003364
    - 71-003397
    - 71-003421
    - 71-003571
    - 71-003620
    - 71-003638
    - 71-003664
    - 71-003719
    - 71-003720
    - 71-003723
    - 71-003772
    - 71-003803
    - 71-003819
    - 71-003989
    - 71-004146
    - 71-004165
    - 71-004169
    - 71-004170
    - 71-004315
    - 71-004316

...CONTINUED...

- Physiology
  - Lipid Composition
    - 71-004317
    - 71-004498
    - 71-004534
  - Lipid Content
    - 71-003518
    - 71-003671
  - Lipid Metabolism
    - 71-000909
    - 71-000950
    - 71-002207
    - 71-002547
    - 71-002548
    - 71-002549
    - 71-002572
    - 71-002631
    - 71-002668
    - 71-002669
    - 71-002670
    - 71-002781
    - 71-002897
    - 71-002940
    - 71-002943
    - 71-002952
    - 71-002953
    - 71-003028
    - 71-003093
    - 71-003094
    - 71-003095
    - 71-003321
    - 71-003395
    - 71-003598
    - 71-003599
    - 71-003601
    - 71-003738
    - 71-003743
    - 71-003833
    - 71-003834
    - 71-004397
    - 71-004398
    - 71-004399
    - 71-006248
  - Liver
    - 71-001500
    - 71-002439
    - 71-002473
    - 71-002555
    - 71-002573
    - 71-003871
  - Locomotion
    - 71-002281
    - 71-004338
    - 71-004360
    - 71-005439
  - M-ENK
    - 71-003947
  - Magnesium
    - 71-000835
  - Malate Dehydrogenase
    - 71-002346
    - 71-004439
  - Manganese
    - 71-002688
  - Maturation
    - 71-000524
    - 71-002182
    - 71-002187
    - 71-002294
    - 71-002490
    - 71-002491
    - 71-002778
    - 71-002879
    - 71-003129
    - 71-003139
    - 71-003184
    - 71-003333
    - 71-003562
    - 71-003610
    - 71-003954
    - 71-003970
    - 71-003978
    - 71-006325
    - 71-006515
  - Melanophores
    - 71-010962
  - Melatonin
    - 71-002289
    - 71-003947
  - Memory
    - 71-005166
  - Mercury
    - 71-003238
    - 71-003324
    - 71-003800
  - Metabolic Rates
    - 71-002314
    - 71-002320
    - 71-002384
    - 71-002399
    - 71-002400
    - 71-002401
    - 71-002415
    - 71-002416
    - 71-002419
    - 71-002425
    - 71-002445
    - 71-002616
    - 71-002638
    - 71-002639
    - 71-002654
    - 71-002791
    - 71-002858
    - 71-002892
    - 71-002901
    - 71-002925
    - 71-002969

...CONTINUED...

- Physiology
  - Metabolic Rates
    - 71-003020
    - 71-003059
    - 71-003062
    - 71-003092
    - 71-003128
    - 71-003264
    - 71-003270
    - 71-003273
    - 71-003295
    - 71-003313
    - 71-003326
    - 71-003413
    - 71-003419
    - 71-003484
    - 71-003527
    - 71-003555
    - 71-003557
    - 71-003558
    - 71-003588
    - 71-003590
    - 71-003658
    - 71-003739
    - 71-003823
    - 71-003838
    - 71-003839
    - 71-003854
    - 71-003894
    - 71-003935
    - 71-004001
    - 71-004040
    - 71-004046
    - 71-004072
    - 71-004111
    - 71-004125
    - 71-004126
    - 71-004141
    - 71-004180
    - 71-004185
    - 71-004187
    - 71-004228
    - 71-004324
    - 71-004341
    - 71-004378
    - 71-004414
    - 71-004477
    - 71-005226
    - 71-005518
    - 71-005791
    - 71-006743
    - 71-006942
    - 71-007536
    - 71-007660
  - Metabolism
    - 71-000669
    - 71-000726
    - 71-000892
    - 71-002426
    - 71-002520
    - 71-002557
    - 71-002594
    - 71-002609
    - 71-002683
    - 71-002826
    - 71-002835
    - 71-002877
    - 71-003064
    - 71-003101
    - 71-003113
    - 71-003171
    - 71-003175
    - 71-003188
    - 71-003201
    - 71-003201
    - 71-003240
    - 71-003297
    - 71-003331
    - 71-003415
    - 71-003417
    - 71-003577
    - 71-003578
    - 71-003600
    - 71-003633
    - 71-003729
    - 71-004005
    - 71-004013
    - 71-004016
    - 71-004089
    - 71-004129
    - 71-004132
    - 71-004168
    - 71-004253
    - 71-004261
    - 71-004328
    - 71-004394
    - 71-004478
    - 71-004503
    - 71-005439
    - 71-007627
  - Metamorphosis
    - 71-002091
    - 71-002255
    - 71-003265
    - 71-003411
    - 71-003762
    - 71-003830
    - 71-003832
    - 71-004436
    - 71-004437
    - 71-004498
    - 71-004499
  - Mortality Factors
    - 71-002299
  - Mucous Secretion
    - 71-003476
    - 71-003560
    - 71-003812

...CONTINUED...

- Physiology
  - Mucous Secretion
    - 71-004102
    - 71-011484
  - Mucus
    - 71-002156
    - 71-002157
    - 71-002299
    - 71-002470
    - 71-002922
    - 71-003390
    - 71-003431
    - 71-003474
    - 71-004417
    - 71-004418
  - Muscle Protein Polymorphism
    - 71-004722
  - Muscle Proteins
    - 71-002795
    - 71-003815
  - Musculature
    - 71-001811
    - 71-001969
    - 71-002319
    - 71-002745
    - 71-002881
    - 71-002890
    - 71-002891
    - 71-002923
    - 71-002924
    - 71-003056
    - 71-003172
    - 71-003173
    - 71-003252
    - 71-003253
    - 71-003311
    - 71-003581
    - 71-003609
    - 71-003636
    - 71-004027
    - 71-004326
    - 71-004327
    - 71-004460
    - 71-004476
    - 71-007662
  - Nervous System
    - 71-002113
    - 71-002279
    - 71-002280
    - 71-002340
    - 71-002365
    - 71-002378
    - 71-002379
    - 71-002526
    - 71-002563
    - 71-002564
    - 71-002606
    - 71-002610
    - 71-002611
    - 71-002621
    - 71-002632
    - 71-002675
    - 71-002753
    - 71-002833
    - 71-002861
    - 71-002981
    - 71-003023
    - 71-003137
    - 71-003185
    - 71-003203
    - 71-003250
    - 71-003276
    - 71-003339
    - 71-003483
    - 71-003497
    - 71-003498
    - 71-003504
    - 71-003646
    - 71-003661
    - 71-003747
    - 71-003787
    - 71-003825
    - 71-003884
    - 71-003905
    - 71-003913
    - 71-003915
    - 71-003966
    - 71-003981
    - 71-004117
    - 71-004118
    - 71-004201
    - 71-004314
    - 71-004353
    - 71-004395
    - 71-004396
    - 71-004413
    - 71-004428
    - 71-010702
  - Nidamental Gland
    - 71-003918
  - Niobium
    - 71-004159
  - Nucleus Transplantation
    - 71-002786
  - Nuptial Tubercles
    - 71-003982
  - Nutrient Requirements
    - 71-000151
    - 71-000672
    - 71-000719
    - 71-000782
    - 71-000790
    - 71-000793
    - 71-000797
    - 71-000799
    - 71-000827
    - 71-000830
    - 71-000831

...CONTINUED...

- Physiology
  - Nutrient Requirements
    - 71-000832
    - 71-000835
    - 71-000870
    - 71-000871
    - 71-000872
    - 71-000873
    - 71-000875
    - 71-000876
    - 71-000882
    - 71-000903
    - 71-000934
    - 71-004352
  - Nutrition
    - 71-000687
    - 71-000695
    - 71-000722
    - 71-000772
    - 71-000807
    - 71-000823
    - 71-000829
    - 71-000904
    - 71-002306
    - 71-002333
    - 71-002780
    - 71-003397
    - 71-004197
    - 71-004307
    - 71-007030
  - Odor Production
    - 71-003391
  - Olfaction
    - 71-002218
    - 71-002371
    - 71-002389
    - 71-002575
    - 71-002600
    - 71-002655
    - 71-002703
    - 71-002823
    - 71-002907
    - 71-002908
    - 71-002909
    - 71-002910
    - 71-003186
    - 71-003948
    - 71-004209
    - 71-004293
    - 71-004912
    - 71-005209
    - 71-011267
  - Osmoregulation
    - 71-001499
    - 71-001546
    - 71-001947
    - 71-001948
    - 71-002121
    - 71-002124
    - 71-002146
    - 71-002147
    - 71-002148
    - 71-002159
    - 71-002160
    - 71-002200
    - 71-002202
    - 71-002203
    - 71-002204
    - 71-002209
    - 71-002213
    - 71-002220
    - 71-002221
    - 71-002232
    - 71-002238
    - 71-002242
    - 71-002260
    - 71-002261
    - 71-002262
    - 71-002268
    - 71-002271
    - 71-002272
    - 71-002293
    - 71-002307
    - 71-002316
    - 71-002373
    - 71-002374
    - 71-002392
    - 71-002398
    - 71-002418
    - 71-002419
    - 71-002430
    - 71-002447
    - 71-002448
    - 71-002451
    - 71-002466
    - 71-002507
    - 71-002508
    - 71-002509
    - 71-002524
    - 71-002534
    - 71-002535
    - 71-002552
    - 71-002567
    - 71-002588
    - 71-002602
    - 71-002624
    - 71-002625
    - 71-002645
    - 71-002646
    - 71-002648
    - 71-002651
    - 71-002652
    - 71-002653
    - 71-002656
    - 71-002657
    - 71-002672
    - 71-002701
    - 71-002704

...CONTINUED...
Physiology
Osmoregulation
71-002705
71-002706
71-002724
71-002725
71-002727
71-002732
71-002733
71-002734
71-002735
71-002762
71-002772
71-002773
71-002774
71-002807
71-002815
71-002816
71-002843
71-002859
71-002860
71-002868
71-002870
71-002911
71-002950
71-002951
71-002954
71-002988
71-002997
71-002998
71-003013
71-003017
71-003027
71-003029
71-003030
71-003035
71-003042
71-003043
71-003047
71-003049
71-003052
71-003065
71-003121
71-003122
71-003123
71-003138
71-003166
71-003199
71-003209
71-003212
71-003231
71-003239
71-003292
71-003293
71-003304
71-003305
71-003306
71-003371
71-003372
71-003373
71-003386
71-003398
71-003425
71-003432
71-003434
71-003437
71-003443
71-003450
71-003452
71-003458
71-003463
71-003474
71-003479
71-003504
71-003508
71-003509
71-003526
71-003529
71-003537
71-003542
71-003549
71-003552
71-003553
71-003566
71-003575
71-003576
71-003604
71-003611
71-003617
71-003629
71-003657
71-003660
71-003663
71-003673
71-003674
71-003675
71-003676
71-003678
71-003680
71-003684
71-003698
71-003699
71-003704
71-003724
71-003730
71-003732
71-003734
71-003753
71-003754
71-003756
71-003796
71-003798
71-003806
71-003807
71-003808
71-003809
71-003845

...CONTINUED...
Physiology
Osmoregulation
71-003862
71-003872
71-003882
71-003941
71-003953
71-003968
71-003983
71-004009
71-004010
71-004024
71-004030
71-004036
71-004047
71-004087
71-004088
71-004099
71-004109
71-004123
71-004124
71-004127
71-004133
71-004139
71-004142
71-004190
71-004211
71-004212
71-004225
71-004294
71-004302
71-004379
71-004380
71-004382
71-004402
71-004420
71-004454
71-004469
71-004497
71-004518
71-006700
71-010682
71-011438
Otoliths
71-002783
71-003584
71-003587
Pancreas
71-002650
Pancreatic Islet
71-003266
Parr-Smolt Transformation
71-002124
71-002447
71-002450
71-002491
71-002577
71-002659
71-002672
71-002725
71-002726
71-002727
71-003001
71-003952
71-003953
71-004064
71-004421
71-004501
Pentachlorophenol
71-003277
71-010996
Peptides
71-003708
pH Regulation
71-002960
Pharmacology
71-002109
71-002582
71-003382
Phenanthrene
71-004081
Pheromones
71-002138
71-002269
71-002270
71-002495
71-002765
71-003548
71-003916
71-004909
71-005386
71-006316
Phosphate
71-004132
Phosphorus
71-000823
71-000830
71-000834
71-000870
71-000933
71-000951
71-004113
Pigments
71-002120
71-002154
71-003091
71-003260
71-003303
71-003616
71-004452
Pineal Body
71-001661
71-002537
71-002556
71-002557
71-002558
71-002559
71-003164

...CONTINUED...
Physiology
Pineal Body
71-003213
71-003215
71-003216
71-003217
71-003533
71-003534
71-003535
71-004273
71-004274
71-004305
71-005125
Pituitary Cysts
71-002226
71-002227
Potassium
71-003941
Pressure Effects
71-002211
71-002265
71-002395
71-002402
71-003008
71-003044
71-003350
Propranolol
71-003382
Protein Synthesis
71-002143
71-002919
71-002921
71-003378
71-003485
71-003816
71-004063
Proteins
71-003169
71-003589
71-003653
71-003772
71-004387
Radiation
71-003250
Radionuclides
71-003323
71-003624
71-004158
71-010076
Rectal Gland
71-003341
71-004023
71-004123
Regeneration
71-002463
71-002740
71-002793
71-002794
71-003455
71-004356
71-004441
71-005064
71-011522
Reproduction
71-000312
71-001864
71-001876
71-001973
71-002100
71-002101
71-002245
71-002246
71-002247
71-002248
71-002250
71-002288
71-002289
71-002311
71-002349
71-002382
71-002412
71-002428
71-002462
71-002467
71-002468
71-002469
71-002485
71-002492
71-002541
71-002564
71-002566
71-002574
71-002583
71-002597
71-002611
71-002632
71-002700
71-002730
71-002736
71-002737
71-002797
71-002812
71-002817
71-002819
71-002831
71-002854
71-002989
71-002999
71-003000
71-003085
71-003132
71-003144
71-003194
71-003196
71-003234
71-003244
71-003296
71-003322

...CONTINUED...
Physiology
Reproduction
71-003330
71-003339
71-003347
71-003348
71-003448
71-003457
71-003640
71-003648
71-003671
71-003677
71-003731
71-003745
71-003779
71-003780
71-003790
71-003813
71-003822
71-003826
71-003859
71-003889
71-003936
71-003937
71-003981
71-003992
71-003993
71-003994
71-003997
71-004034
71-004074
71-004091
71-004106
71-004107
71-004199
71-004200
71-004248
71-004249
71-004250
71-004263
71-004264
71-004266
71-004331
71-004332
71-004366
71-004368
71-004390
71-004391
71-004392
71-004488
71-004493
71-004500
71-004513
71-004847
71-006177
71-006178
71-006274
71-006282
71-006284
71-006288
71-006289
71-006302
71-006318
71-006326
71-006353
71-006391
71-006394
71-006418
71-006428
71-006438
71-006454
71-006461
71-006506
71-006540
71-006569
71-006571
Reproductive System
71-000760
71-002017
71-002107
71-002243
71-002244
71-002251
71-002252
71-002277
71-002278
71-002367
71-002420
71-002484
71-002544
71-002565
71-002589
71-002590
71-002622
71-002686
71-002712
71-002738
71-002776
71-002821
71-002825
71-002869
71-002878
71-002983
71-002992
71-003081
71-003130
71-003150
71-003235
71-003287
71-003294
71-003319
71-003333
71-003343
71-003345
71-003649
71-003722
71-003744

...CONTINUED...
Physiology
Reproductive System
71-003746
71-003886
71-003956
71-003991
71-004008
71-004143
71-004151
71-004175
71-004183
71-004227
71-004261
71-004265
71-004267
71-004281
71-004283
71-004285
71-004308
71-004434
71-004441
71-004447
71-004487
71-004514
71-006170
71-006223
71-006479
71-006500
71-006508
71-006531
71-006570
71-011239
Respiration
71-002152
71-002167
71-002203
71-002354
71-002355
71-002364
71-002416
71-002476
71-002516
71-002593
71-002595
71-002607
71-002623
71-002628
71-002677
71-002692
71-002693
71-002749
71-002863
71-002927
71-002928
71-003003
71-003004
71-003005
71-003006
71-003007
71-003021
71-003056
71-003058
71-003059
71-003066
71-003067
71-003118
71-003159
71-003160
71-003301
71-003302
71-003326
71-003412
71-003435
71-003439
71-003451
71-003484
71-003567
71-003685
71-003739
71-003776
71-003801
71-003802
71-003846
71-003849
71-003857
71-003858
71-003864
71-003895
71-004019
71-004055
71-004114
71-004115
71-004176
71-004252
71-004284
71-004361
71-004426
71-005000
71-005442
Respiratory System
71-001711
71-002214
71-002594
71-002679
71-002929
71-003017
71-003224
71-003236
71-003360
71-003775
71-003915
RNA
71-002332
71-002333
71-002343
71-002566
71-002881
71-003082

...CONTINUED...
Physiology
RNA
71-003107
71-003607
71-003608
71-004241
71-004366
71-004507
71-004517
71-005256
Rodlet Cells
71-001716
Saccus Vasculosus
71-003148
Salinity
71-002432
71-002700
Scales
71-002299
71-002396
71-002740
71-003569
71-003583
71-003586
71-003710
71-003946
71-003972
71-004373
71-004377
71-007449
71-007570
Selenium
71-010811
Sense Organs
71-004162
Sex Determination
71-004486
Sex Reversal
71-000207
71-000208
71-001000
71-002328
71-002695
71-002750
71-002828
71-003036
71-003686
71-004153
71-004183
71-004192
71-004415
71-004513
71-006534
Silver
71-002688
Skeletal System
71-002396
71-003096
71-003585
71-003587
71-004373
71-004374
71-004375
71-004376
71-004377
Sleep
71-003198
Sodium Orthovanadate
71-003224
Specific Dynamic Action
71-000853
71-004179
71-004180
Sperm
71-002252
71-002775
71-004519
Startle Response
71-005462
Starvation
71-002297
71-002332
71-002372
71-002401
71-002514
71-002570
71-002619
71-002635
71-002901
71-002940
71-002977
71-003101
71-003208
71-003209
71-003210
71-003393
71-003447
71-003563
71-003596
71-003600
71-003666
71-003856
71-003929
71-003930
71-004005
71-004076
71-004181
71-004182
71-004208
71-004299
71-004347
71-004398
Steroids
71-000177
71-000229
71-000469
71-002462
71-002622

...CONTINUED...
Physiology
Steroids
71-002821
71-002970
71-002999
71-003000
71-003195
71-003197
71-003246
71-003247
71-003249
71-003344
71-003731
71-004204
71-004233
71-004234
71-004264
71-004266
71-004371
71-004372
71-004399
71-004400
71-004471
71-004472
71-004473
71-004475
71-004488
Stress
71-000232
71-000271
71-000654
71-000955
71-000966
71-001815
71-002149
71-002150
71-002199
71-002240
71-002303
71-002352
71-002372
71-002394
71-002438
71-002446
71-002503
71-002605
71-002760
71-002765
71-002932
71-002933
71-002939
71-002996
71-003120
71-003126
71-003379
71-003381
71-003481
71-003505
71-003522
71-003541
71-003606
71-003740
71-003783
71-003919
71-003974
71-004007
71-004035
71-004050
71-004053
71-004062
71-004076
71-004096
71-004133
71-004134
71-004135
71-004136
71-004137
71-004223
71-004338
71-004370
71-004411
71-004430
71-004442
71-004443
71-004995
71-011092
71-011347
71-011377
71-011434
Strontium
71-003323
Swimbladder
71-002179
71-002266
71-002267
71-002335
71-002599
71-002787
71-002967
71-003075
71-003265
71-003301
71-003361
71-003362
71-003579
71-003628
71-003801
71-003803
71-003804
71-003906
71-003907
71-003908
71-003909
71-004219
71-004244
71-004412
71-005082
71-005330

...CONTINUED...
Physiology
Swimbladder
71-005453
Swimming Performance
71-002319
71-002586
71-002671
71-002745
71-002746
71-002747
71-003237
71-003636
71-003894
71-004040
71-004125
71-004210
71-004324
71-004327
71-004340
71-004367
71-011506
Taste Reception
71-002388
71-002389
71-002974
71-003445
71-004282
71-004506
71-005308
Techniques/Amino Acids
71-002729
Techniques/Axenic Fish
71-003405
71-003406
Techniques/Blood Chemistry
71-002215
71-002421
71-002456
71-002618
71-003177
71-003394
71-003522
71-003551
71-004051
71-004345
71-004346
71-004350
71-004410
71-004480
71-011382
Techniques/Blood Sampling
71-004078
Techniques/Cannulation
71-002407
71-004076
Techniques/Cell Culture
71-003625
71-004358
Techniques/Digestion Rates
71-000708
71-002165
Techniques/Digestive System
71-004407
Techniques/Early Development
71-002972
Techniques/Electrophoresis
71-002784
71-004068
Techniques/Endocrinology
71-003943
Techniques/Enzymes
71-002503
Techniques/Extracellular Phase Volume
71-003048
Techniques/Gas Chromatography
71-004222
Techniques/Hormones
71-002618
71-002989
Techniques/Lipids
71-004480
71-005453
Techniques/Liver Collection
71-002962
Techniques/Metabolic Rates
71-002134
71-002903
71-003045
71-003838
71-004325
71-006942
Techniques/Misc.
71-003336
Techniques/Mucus
71-003299
Techniques/Musculature
71-004249
Techniques/Nervous System
71-002748
Techniques/Nutrition
71-000754
Techniques/Reproductive System
71-003818
Techniques/Respiration
71-002474
71-002838
71-002913
71-003259
Techniques/Respiratory Movements
71-002387
Techniques/Respirometer
71-003269
71-003837
71-004325
Techniques/Sex Determination
71-003942
Techniques/Sperm Concentration
71-002300
Techniques/Stress
71-004053

...CONTINUED...

- Physiology
  - Techniques/Subcutaneous Injection
    - 71-002360
  - Techniques/Temperature
    - 71-012357
  - Techniques/Tissue Culture
    - 71-003178
  - Techniques/Tissue Sampling
    - 71-002486
    - 71-004138
  - Temperature
    - 71-002106
    - 71-002133
    - 71-002357
    - 71-003050
    - 71-003614
    - 71-004028
    - 71-004213
    - 71-004296
    - 71-004517
    - 71-004957
  - Temperature Reception
    - 71-003116
  - Terrestrial Survival
    - 71-002837
  - Thermal Regulation
    - 71-002184
    - 71-002318
    - 71-002397
    - 71-002550
    - 71-002585
    - 71-002649
    - 71-002876
    - 71-002877
    - 71-003061
    - 71-003064
    - 71-003213
    - 71-003317
    - 71-003318
    - 71-003615
    - 71-003634
    - 71-003761
    - 71-003788
    - 71-003876
    - 71-003877
    - 71-004052
    - 71-004101
    - 71-004936
    - 71-004956
    - 71-005321
    - 71-008920
  - Thermal Shock
    - 71-001681
    - 71-002105
    - 71-002212
    - 71-002356
    - 71-002453
    - 71-002918
    - 71-003500
    - 71-004011
    - 71-006853
    - 71-010676
  - Thermoregulation
    - 71-003635
  - Thyroxine
    - 71-004031
  - Toxins
    - 71-003038
    - 71-003488
    - 71-003841
    - 71-004348
    - 71-004479
    - 71-010965
  - Trace Metals
    - 71-003530
    - 71-010819
  - Tritium
    - 71-002117
  - Ubiquinones
    - 71-002667
  - Ultimobranchial Gland
    - 71-003033
  - Vanadate
    - 71-002220
  - Vision
    - 71-001847
    - 71-002099
    - 71-002115
    - 71-002139
    - 71-002142
    - 71-002185
    - 71-002233
    - 71-002699
    - 71-002753
    - 71-002769
    - 71-002841
    - 71-002844
    - 71-002864
    - 71-002902
    - 71-002957
    - 71-003079
    - 71-003107
    - 71-003165
    - 71-003351
    - 71-003455
    - 71-003483
    - 71-003525
    - 71-003539
    - 71-003646
    - 71-003662
    - 71-003867
    - 71-003914
    - 71-003958
    - 71-003959
    - 71-003961
    - 71-003969
    - 71-003986
    - 71-004006

...CONTINUED...

- Physiology
  - Vision
    - 71-004039
    - 71-004105
    - 71-004189
    - 71-004416
    - 71-004440
    - 71-004481
    - 71-004502
    - 71-005043
    - 71-005064
  - Vitamins
    - 71-000681
    - 71-000762
    - 71-000772
    - 71-000791
    - 71-000794
    - 71-000806
    - 71-000807
    - 71-003183
    - 71-003384
    - 71-003385
    - 71-003810
  - Vitellogenin
    - 71-002380
    - 71-002383
    - 71-002906
    - 71-003085
    - 71-003087
    - 71-003347
    - 71-003377
    - 71-003940
    - 71-004262
  - Water Intake
    - 71-004174
  - Xenobiotic Biotransformations
    - 71-011227
  - Zinc
    - 71-000831
    - 71-000832
    - 71-002688
    - 71-002716
    - 71-003045
    - 71-004004
  - Zirconium
    - 71-004159
- Pollution
  - Abate
    - 71-011097
  - Acid Mine Water
    - 71-010023
    - 71-010053
    - 71-010064
    - 71-010134
    - 71-010138
    - 71-010142
    - 71-010195
    - 71-010265
    - 71-010320
    - 71-010348
    - 71-010352
    - 71-010372
    - 71-010394
    - 71-010461
    - 71-010799
    - 71-010909
    - 71-011445
  - Acid Precipitation
    - 71-001146
    - 71-010018
    - 71-010031
    - 71-010115
    - 71-010145
    - 71-010147
    - 71-010157
    - 71-010190
    - 71-010191
    - 71-010193
    - 71-010270
    - 71-010279
    - 71-010326
    - 71-010341
    - 71-010396
    - 71-010397
    - 71-010403
    - 71-010416
    - 71-010505
    - 71-011181
  - Acidification
    - 71-010213
    - 71-010398
  - Acrolein
    - 71-010135
  - Aldrin
    - 71-010204
  - Algacides
    - 71-010344
  - Alkanes
    - 71-010304
  - Aroclor
    - 71-010495
  - Aromatic Amines
    - 71-010113
  - Aromatic Hydrocarbons
    - 71-010036
    - 71-010118
    - 71-010637
    - 71-011565
  - Arsenic
    - 71-010032
    - 71-010158
    - 71-010979
  - Benzene
    - 71-010774
  - Biological Indicators
    - 71-000392
    - 71-001188
    - 71-009937

...CONTINUED...

- Pollution
  - Biological Indicators
    - 71-010146
    - 71-010201
    - 71-010207
    - 71-010259
    - 71-010361
    - 71-010450
    - 71-010453
    - 71-010497
    - 71-012037
  - Biological Monitoring
    - 71-010069
    - 71-010167
    - 71-010168
    - 71-010207
    - 71-010305
    - 71-010375
    - 71-010408
    - 71-010427
    - 71-010466
    - 71-010482
    - 71-010487
    - 71-010509
  - Biomagnification
    - 71-010129
    - 71-010473
    - 71-010477
  - Cadmium
    - 71-010228
    - 71-010252
    - 71-010290
    - 71-010315
    - 71-010479
    - 71-010492
    - 71-010793
    - 71-010820
    - 71-010975
    - 71-011483
  - Cesium
    - 71-010197
    - 71-010507
    - 71-010891
  - China Clay
    - 71-010496
  - Chlordane
    - 71-010311
  - Chlorinated Benzenes
    - 71-010214
  - Chlorinated Hydrocarbons
    - 71-005860
    - 71-010016
    - 71-010070
    - 71-010110
    - 71-010127
    - 71-010171
    - 71-010184
    - 71-010298
    - 71-010302
    - 71-010346
    - 71-010361
    - 71-010400
    - 71-010406
    - 71-010407
    - 71-010430
    - 71-010447
    - 71-010483
    - 71-010521
    - 71-011216
  - Chlorine
    - 71-010050
    - 71-010058
    - 71-010094
    - 71-010155
    - 71-010194
    - 71-010235
    - 71-010413
    - 71-010591
    - 71-010644
    - 71-010835
  - CNP
    - 71-010310
  - Coal Ash Effluents
    - 71-010081
  - Coal Conversion Effluents
    - 71-010260
  - Cobalt
    - 71-010431
  - Copper
    - 71-010245
    - 71-010252
    - 71-010269
    - 71-010278
    - 71-010476
    - 71-010492
    - 71-010798
    - 71-011536
  - Copper Sulfate
    - 71-010344
  - Coral Reefs
    - 71-010218
  - DDD
    - 71-011192
  - DDE
    - 71-000803
    - 71-010029
  - DDT
    - 71-010029
    - 71-010139
    - 71-010171
    - 71-010180
    - 71-010181
    - 71-010184
    - 71-010186
    - 71-010204
    - 71-010222
    - 71-010280
    - 71-010298

...CONTINUED...

- Pollution
  - DDT
    - 71-010302
    - 71-010423
    - 71-010430
    - 71-010474
    - 71-010483
    - 71-010510
    - 71-010511
    - 71-011370
  - Dieldrin
    - 71-010171
    - 71-010302
    - 71-011192
  - Diflubenzuron
    - 71-010711
  - Dredge Spoils
    - 71-010215
    - 71-011911
    - 71-012087
    - 71-012101
  - Electroplating Effluents
    - 71-010240
    - 71-010486
  - Energy Development
    - 71-010170
    - 71-012114
    - 71-013489
  - Eutrophication
    - 71-010210
    - 71-010236
    - 71-010359
    - 71-010374
    - 71-013091
  - Fenitrothion
    - 71-010312
  - Fenthion
    - 71-010467
  - Fish Hatchery Effluents
    - 71-000066
    - 71-000078
    - 71-000097
    - 71-000105
    - 71-000364
    - 71-000493
    - 71-000628
    - 71-010034
    - 71-010043
    - 71-010379
  - Fish Processing Effluents
    - 71-010088
    - 71-010089
    - 71-010338
  - General
    - 71-002369
    - 71-008912
    - 71-009023
    - 71-010019
    - 71-010051
    - 71-010052
    - 71-010056
    - 71-010066
    - 71-010068
    - 71-010083
    - 71-010130
    - 71-010196
    - 71-010224
    - 71-010250
    - 71-010319
    - 71-010358
    - 71-010359
    - 71-010366
    - 71-010383
    - 71-010390
    - 71-010462
    - 71-010478
    - 71-010512
    - 71-010670
    - 71-010787
    - 71-010788
    - 71-011635
  - General/Great Lakes
    - 71-012861
    - 71-012895
  - General/India
    - 71-010216
  - General/Japan
    - 71-010460
  - General/Marine
    - 71-010046
    - 71-010046
    - 71-010086
    - 71-010120
    - 71-010212
    - 71-010226
    - 71-010463
    - 71-013313
  - General/Mediterranean Sea
    - 71-010071
  - General/New Zealand
    - 71-010275
  - Geothermal Development
    - 71-010137
    - 71-010170
    - 71-011426
    - 71-011988
    - 71-012114
  - Groundwater
    - 71-010465
  - Heavy Metals
    - 71-001178
    - 71-003324
    - 71-005479
    - 71-005860
    - 71-010020
    - 71-010021
    - 71-010022
    - 71-010025

...CONTINUED...
Pollution
  Heavy Metals
    71-010032
    71-010033
    71-010035
    71-010039
    71-010040
    71-010041
    71-010053
    71-010055
    71-010073
    71-010077
    71-010078
    71-010090
    71-010103
    71-010105
    71-010107
    71-010112
    71-010122
    71-010138
    71-010143
    71-010148
    71-010149
    71-010150
    71-010158
    71-010162
    71-010164
    71-010165
    71-010172
    71-010173
    71-010174
    71-010175
    71-010178
    71-010179
    71-010187
    71-010189
    71-010198
    71-010202
    71-010209
    71-010219
    71-010225
    71-010227
    71-010228
    71-010235
    71-010237
    71-010238
    71-010239
    71-010240
    71-010241
    71-010242
    71-010245
    71-010249
    71-010251
    71-010252
    71-010253
    71-010256
    71-010266
    71-010269
    71-010274
    71-010278
    71-010290
    71-010293
    71-010299
    71-010301
    71-010307
    71-010315
    71-010329
    71-010335
    71-010340
    71-010344
    71-010345
    71-010349
    71-010350
    71-010362
    71-010363
    71-010364
    71-010369
    71-010377
    71-010380
    71-010381
    71-010382
    71-010385
    71-010386
    71-010389
    71-010392
    71-010395
    71-010412
    71-010414
    71-010417
    71-010420
    71-010424
    71-010428
    71-010431
    71-010432
    71-010444
    71-010445
    71-010458
    71-010464
    71-010468
    71-010476
    71-010477
    71-010479
    71-010486
    71-010488
    71-010492
    71-010497
    71-010498
    71-010499
    71-010508
    71-010573
    71-010754
    71-010793
    71-010798
    71-010802
    71-010809
    71-010819
    71-010820

...CONTINUED...
Pollution
  Heavy Metals
    71-010975
    71-010979
    71-011002
    71-011037
    71-011089
    71-011223
    71-011250
    71-011259
    71-011271
    71-011285
    71-011361
    71-011364
    71-011444
    71-011482
    71-011483
    71-011536
    71-011865
  Herbicides
    71-010135
    71-010166
    71-010267
    71-010306
    71-010310
    71-010435
    71-010495
  Hexachlorobenzene
    71-010322
  Hydrocarbons
    71-010038
    71-010092
    71-010774
  Industrial Wastes
    71-010008
    71-010010
    71-010035
    71-010211
    71-010241
    71-010272
    71-010281
    71-010399
    71-010501
    71-010502
    71-011467
  Insect Juvenile Hormone Analogues
    71-010711
  Insecticides
    71-010021
    71-010022
    71-010029
    71-010042
    71-010070
    71-010117
    71-010126
    71-010139
    71-010167
    71-010171
    71-010180
    71-010181
    71-010184
    71-010185
    71-010186
    71-010204
    71-010267
    71-010280
    71-010298
    71-010302
    71-010311
    71-010312
    71-010361
    71-010400
    71-010419
    71-010423
    71-010430
    71-010474
    71-010483
    71-010510
    71-010511
    71-011097
    71-011192
    71-011216
    71-011370
  Iron
    71-010143
    71-010499
  Jute Retting
    71-010399
  Kepone
    71-010042
    71-010117
    71-010400
  Land Use Practices
    71-010337
  Lead
    71-010041
    71-010055
    71-010252
    71-010290
    71-010329
    71-010417
    71-010488
    71-010492
    71-011271
  Logging Residue
    71-010106
    71-010651
  Manganese
    71-010492
    71-011482
  Mercury
    71-001178
    71-003324
    71-005479
    71-010020
    71-010033
    71-010055
    71-010073

...CONTINUED...
Pollution
  Mercury
    71-010077
    71-010078
    71-010090
    71-010103
    71-010105
    71-010107
    71-010112
    71-010122
    71-010148
    71-010149
    71-010150
    71-010162
    71-010164
    71-010165
    71-010172
    71-010173
    71-010174
    71-010178
    71-010179
    71-010187
    71-010198
    71-010225
    71-010227
    71-010235
    71-010237
    71-010242
    71-010249
    71-010251
    71-010253
    71-010274
    71-010290
    71-010293
    71-010301
    71-010335
    71-010340
    71-010349
    71-010362
    71-010363
    71-010364
    71-010380
    71-010381
    71-010382
    71-010386
    71-010392
    71-010414
    71-010420
    71-010428
    71-010432
    71-010444
    71-010445
    71-010458
    71-010464
    71-010508
    71-010573
    71-011002
    71-011259
    71-011285
    71-011361
    71-011364
    71-011444
  Mine Effluents
    71-007757
    71-007874
    71-010041
    71-010072
    71-010080
    71-010111
    71-010125
    71-010131
    71-010134
    71-010142
    71-010143
    71-010188
    71-010195
    71-010238
    71-010265
    71-010269
    71-010289
    71-010294
    71-010320
    71-010348
    71-010362
    71-010370
    71-010412
    71-010415
    71-010426
    71-010455
    71-010461
    71-010472
    71-010496
    71-010499
    71-010909
    71-011900
    71-011974
    71-012005
    71-012013
    71-012060
    71-012061
    71-012088
    71-013118
    71-013473
    71-013486
    71-013488
  Mirex
    71-011192
  Modeling
    71-010373
  M2CA
    71-010347
  Nutrient Control
    71-012855
  Nutrients
    71-010337
  Ocean Dumping
    71-010065

...CONTINUED...
Pollution
  Ocean Dumping
    71-010120
    71-010121
    71-010316
    71-010317
    71-010324
  Offshore Drilling
    71-010028
    71-010277
    71-010494
    71-011868
    71-011897
    71-011898
    71-011904
    71-011941
    71-011962
    71-012019
    71-012094
    71-012120
  Oil
    71-010026
    71-010063
    71-010084
    71-010085
    71-010087
    71-010089
    71-010091
    71-010095
    71-010099
    71-010136
    71-010152
    71-010156
    71-010159
    71-010169
    71-010177
    71-010230
    71-010246
    71-010262
    71-010268
    71-010273
    71-010282
    71-010283
    71-010288
    71-010296
    71-010304
    71-010325
    71-010331
    71-010332
    71-010333
    71-010342
    71-010351
    71-010391
    71-010401
    71-010402
    71-010433
    71-010434
    71-010437
    71-010443
    71-010454
    71-010457
    71-010469
    71-010471
    71-010482
    71-010567
    71-010568
    71-010729
    71-010774
    71-011110
    71-011178
    71-011236
    71-011292
    71-011419
    71-011427
    71-011488
    71-011565
    71-011676
    71-012099
  Oil Refinery Effluents
    71-010657
  Oil Shale Effluents
    71-007874
    71-010160
  Organochlorines
    71-009933
    71-010029
    71-010117
    71-010126
    71-010154
    71-010221
    71-010361
    71-010448
    71-010450
    71-010452
  Outboard Motor Exhausts
    71-010329
    71-010636
    71-010637
  Palm Oil Sludge
    71-010425
  Pentachlorophenol
    71-010367
    71-010390
    71-011253
  Perspectives/Canada
    71-010176
    71-010183
  Pesticides
    71-009731
    71-010093
    71-010208
    71-010209
    71-010272
    71-010303
    71-010356
    71-010467
  pH
    71-010133

...CONTINUED...
- Pollution
  - pH
    - 71-011865
  - Phthalate Acid Esters
    - 71-010955
  - Plutonium
    - 71-010507
  - Pollution Abatement
    - 71-000036
    - 71-010140
    - 71-010192
  - Pollution Avoidance
    - 71-010100
    - 71-010161
    - 71-010257
    - 71-010413
    - 71-010415
    - 71-010493
    - 71-010697
  - Pollution Detection
    - 71-010102
  - Polychlorinated Biphenyls
    - 71-000803
    - 71-004640
    - 71-010021
    - 71-010022
    - 71-010029
    - 71-010093
    - 71-010124
    - 71-010127
    - 71-010139
    - 71-010154
    - 71-010171
    - 71-010186
    - 71-010209
    - 71-010222
    - 71-010223
    - 71-010229
    - 71-010302
    - 71-010318
    - 71-010323
    - 71-010336
    - 71-010356
    - 71-010406
    - 71-010423
    - 71-010474
    - 71-010481
    - 71-010484
    - 71-010495
    - 71-010500
    - 71-010511
    - 71-011192
    - 71-011216
  - Power Plant Effluents
    - 71-006599
    - 71-008291
    - 71-010030
    - 71-010037
    - 71-010050
    - 71-010057
    - 71-010058
    - 71-010059
    - 71-010075
    - 71-010079
    - 71-010104
    - 71-010144
    - 71-010194
    - 71-010205
    - 71-010218
    - 71-010234
    - 71-010255
    - 71-010271
    - 71-010284
    - 71-010285
    - 71-010287
    - 71-010291
    - 71-010343
    - 71-010378
    - 71-010413
    - 71-010456
    - 71-010459
    - 71-010492
    - 71-010643
    - 71-010644
    - 71-010669
    - 71-010835
    - 71-011081
    - 71-011184
    - 71-012721
    - 71-012779
  - Pulp Mill Effluents
    - 71-007397
    - 71-010045
    - 71-010047
    - 71-010048
    - 71-010141
    - 71-010161
    - 71-010217
    - 71-010220
    - 71-010222
    - 71-010232
    - 71-010233
    - 71-010254
    - 71-010263
    - 71-010264
    - 71-010276
    - 71-010308
    - 71-010313
    - 71-010373
    - 71-010393
    - 71-010404
    - 71-010446
    - 71-010470
    - 71-010493
    - 71-010623
    - 71-010714
    - 71-011042
    - 71-011130

...CONTINUED...
- Pollution
  - Radiation
    - 71-010343
  - Radioactive Wastes
    - 71-010021
    - 71-010022
    - 71-010197
    - 71-010376
  - Radionuclides
    - 71-003624
    - 71-004158
    - 71-010076
    - 71-010197
    - 71-010355
  - Repopulation
    - 71-010199
  - Reservoir Release Effects
    - 71-010334
  - Runoff
    - 71-010236
  - Salt
    - 71-010101
  - Sedimentation
    - 71-001152
    - 71-008280
    - 71-010012
    - 71-010294
    - 71-010368
    - 71-010371
    - 71-011949
  - Selenium
    - 71-010032
    - 71-010104
    - 71-010158
    - 71-011364
  - Sewage Effluents
    - 71-003759
    - 71-007397
    - 71-009790
    - 71-010013
    - 71-010017
    - 71-010045
    - 71-010119
    - 71-010354
    - 71-010384
    - 71-010424
    - 71-010439
    - 71-010491
    - 71-010501
    - 71-010502
    - 71-010506
    - 71-011552
  - Silver
    - 71-010355
  - Strontium
    - 71-010507
  - Styrenes
    - 71-010248
  - Sulfur Dioxide
    - 71-010398
  - Symposia
    - 71-010462
    - 71-010480
  - Taste and Odor Problems
    - 71-010092
    - 71-010135
    - 71-010331
    - 71-010333
    - 71-010357
    - 71-010437
    - 71-013341
    - 71-013342
    - 71-013343
  - TDE
    - 71-010070
  - Techniques/Biomagnification
    - 71-010473
  - Thallium
    - 71-010290
  - Thermal
    - 71-000392
    - 71-000627
    - 71-001681
    - 71-002356
    - 71-002453
    - 71-002918
    - 71-003578
    - 71-003853
    - 71-003979
    - 71-004011
    - 71-004286
    - 71-005022
    - 71-005217
    - 71-005333
    - 71-005388
    - 71-006599
    - 71-006691
    - 71-006697
    - 71-006717
    - 71-006746
    - 71-006779
    - 71-007256
    - 71-008910
    - 71-009114
    - 71-009709
    - 71-010009
    - 71-010011
    - 71-010014
    - 71-010015
    - 71-010024
    - 71-010030
    - 71-010044
    - 71-010057
    - 71-010058
    - 71-010059
    - 71-010060
    - 71-010061
    - 71-010062

...CONTINUED...
- Pollution
  - Thermal
    - 71-010067
    - 71-010074
    - 71-010081
    - 71-010082
    - 71-010096
    - 71-010097
    - 71-010098
    - 71-010108
    - 71-010109
    - 71-010114
    - 71-010116
    - 71-010123
    - 71-010128
    - 71-010132
    - 71-010144
    - 71-010151
    - 71-010153
    - 71-010182
    - 71-010203
    - 71-010205
    - 71-010206
    - 71-010218
    - 71-010231
    - 71-010234
    - 71-010247
    - 71-010255
    - 71-010258
    - 71-010261
    - 71-010271
    - 71-010284
    - 71-010285
    - 71-010291
    - 71-010292
    - 71-010297
    - 71-010300
    - 71-010309
    - 71-010314
    - 71-010321
    - 71-010327
    - 71-010328
    - 71-010365
    - 71-010387
    - 71-010388
    - 71-010405
    - 71-010409
    - 71-010410
    - 71-010411
    - 71-010418
    - 71-010421
    - 71-010422
    - 71-010429
    - 71-010440
    - 71-010441
    - 71-010442
    - 71-010449
    - 71-010451
    - 71-010456
    - 71-010459
    - 71-010489
    - 71-010490
    - 71-010503
    - 71-010504
    - 71-010669
    - 71-010835
    - 71-011081
    - 71-012216
    - 71-012453
    - 71-012721
    - 71-012779
    - 71-013094
    - 71-013116
    - 71-013313
  - Tordon
    - 71-010306
  - Trace Materials
    - 71-010244
  - Trace Metals
    - 71-001158
    - 71-010163
    - 71-010175
    - 71-010189
    - 71-010243
    - 71-010360
    - 71-010819
  - Treatment Plant Effluents
    - 71-010027
    - 71-010050
    - 71-010054
    - 71-010094
    - 71-010286
    - 71-010295
    - 71-010653
  - Trifluralin
    - 71-010435
  - Urban Runoff
    - 71-010330
  - Vinyl Chloride
    - 71-010200
  - Water Quality Standards
    - 71-010339
    - 71-010485
  - Watershed Development
    - 71-010049
    - 71-010438
    - 71-012860
  - Zinc
    - 71-010228
    - 71-010238
    - 71-010252
    - 71-010256
    - 71-010307
    - 71-010315
    - 71-010345
    - 71-010414
    - 71-010468

...CONTINUED...
- Pollution
  - Zinc
    - 71-010798
    - 71-010802
    - 71-010809
  - 2,4-D
    - 71-010135
  - 2CA
    - 71-010347
- Sport Fishing
  - Fishing Handbooks/Guides
    - 71-013469
    - 71-013472
  - Techniques
    - 71-013470
    - 71-013471
- Statistical Methods
  - Age/Growth
    - 71-007459
    - 71-007521
    - 71-007558
    - 71-007601
    - 71-007605
    - 71-007666
    - 71-012715
    - 71-012811
  - Bioassay Techniques
    - 71-012725
  - Computer Applications
    - 71-012727
  - Computer Techniques/Programs
    - 71-012756
  - Creel Census
    - 71-012184
    - 71-012188
  - Diversity Indexes
    - 71-010259
    - 71-012766
    - 71-012771
    - 71-012806
    - 71-012821
  - Exploitation Rates
    - 71-012776
    - 71-012824
  - Feeding Experiments
    - 71-000151
  - Fish Density
    - 71-012808
  - Fish Surveys
    - 71-012756
  - General
    - 71-012716
    - 71-012785
  - Genetics
    - 71-004732
  - Harvest
    - 71-012800
    - 71-012804
  - Impingement/Entrainment
    - 71-012680
  - Length Frequencies
    - 71-012732
    - 71-012780
  - Length-Weight Relationships
    - 71-012786
  - Mortality Rates
    - 71-005986
    - 71-012714
    - 71-012776
    - 71-012788
    - 71-012814
    - 71-012816
  - Movements
    - 71-012717
  - Multivariate Analysis
    - 71-004732
  - Population Studies
    - 71-012739
    - 71-012791
    - 71-012813
    - 71-013411
  - Sampling
    - 71-001033
    - 71-012600
    - 71-012612
    - 71-012673
    - 71-012769
    - 71-012793
    - 71-012798
    - 71-012801
  - Stocking/Introductions
    - 71-012452
  - Year Class Strength
    - 71-012714
- Stocking/Introductions
  - Albino Trout
    - 71-012422
  - Aquatic Plant Control
    - 71-000044
  - Economic Values
    - 71-012403
    - 71-012437
    - 71-012473
  - Egg Stocking
    - 71-012400
    - 71-012409
  - Exotic Species
    - 71-011665
    - 71-012378
    - 71-012395
    - 71-012396
    - 71-012399
    - 71-012430
    - 71-012432
    - 71-012434
    - 71-012444
    - 71-012462
    - 71-012466

...CONTINUED...

- Stocking/Introductions
  - Exotic Species/California
    - 71-012439
  - Exotic Species/Chile
    - 71-012470
  - Exotic Species/Florida
    - 71-006024
    - 71-007802
  - Exotic Species/New Zealand
    - 71-005516
    - 71-012394
    - 71-012461
  - Exotic Species/Texas
    - 71-012455
  - Forage Introductions
    - 71-007102
    - 71-007139
    - 71-012411
    - 71-012433
    - 71-012435
    - 71-013079
  - Fry Stocking
    - 71-012400
    - 71-012417
    - 71-012442
    - 71-012448
  - General
    - 71-011892
    - 71-012395
    - 71-012414
    - 71-012419
    - 71-012446
    - 71-012472
    - 71-012479
  - General/Australia
    - 71-012476
  - General/Papua New Guinea
    - 71-012407
  - General/Texas
    - 71-012426
  - General/Turkey
    - 71-012377
  - Genetic Strains
    - 71-012408
    - 71-012415
    - 71-012436
    - 71-012445
    - 71-012450
    - 71-012454
  - Genetics
    - 71-012425
  - Hybridization
    - 71-012402
    - 71-012420
    - 71-012465
    - 71-013020
  - Management/Research--General
    - 71-012421
  - Management/Research--Lakes
    - 71-012382
    - 71-012391
    - 71-012404
    - 71-012405
    - 71-012459
    - 71-012838
    - 71-012890
  - Management/Research--Ponds
    - 71-012397
    - 71-013019
    - 71-013021
    - 71-013036
    - 71-013044
  - Management/Research--Reservoirs
    - 71-012129
    - 71-012380
    - 71-012399
    - 71-013056
    - 71-013065
    - 71-013096
    - 71-013099
    - 71-013105
  - Put-and-Take
    - 71-012403
    - 71-012412
    - 71-012423
    - 71-012424
    - 71-012427
    - 71-012437
    - 71-012454
    - 71-012754
    - 71-013065
  - Put-Grow-and-Take
    - 71-012382
    - 71-012383
    - 71-012384
    - 71-012385
    - 71-012386
    - 71-012410
    - 71-012423
    - 71-012441
    - 71-012448
    - 71-012449
    - 71-012454
    - 71-012458
    - 71-012463
    - 71-012471
  - Restoration of Anadromous Runs
    - 71-012921
    - 71-012936
  - Size at Release
    - 71-012384
    - 71-012385
    - 71-012386
  - Supplemental Stocking
    - 71-012429
    - 71-012447
    - 71-012451
    - 71-012460
    - 71-012473

...CONTINUED...

- Stocking/Introductions
  - Supplemental Stocking
    - 71-012875
    - 71-012940
  - Survival
    - 71-008445
    - 71-012128
    - 71-012382
    - 71-012384
    - 71-012385
    - 71-012386
    - 71-012443
    - 71-012452
    - 71-012456
    - 71-012471
    - 71-012474
  - Techniques
    - 71-012385
    - 71-012386
    - 71-012440
    - 71-012457
    - 71-012477
  - Two-Story Fisheries
    - 71-013049
- Techniques
  - Acoustical Methods
    - 71-001015
    - 71-001063
    - 71-001065
    - 71-001077
    - 71-006138
    - 71-007905
    - 71-012306
    - 71-012668
    - 71-013356
    - 71-013357
    - 71-013359
    - 71-013360
    - 71-013361
    - 71-013363
    - 71-013369
    - 71-013372
    - 71-013373
    - 71-013376
    - 71-013377
    - 71-013379
    - 71-013386
    - 71-013387
    - 71-013388
    - 71-013389
    - 71-013391
    - 71-013394
    - 71-013400
    - 71-013401
    - 71-013402
    - 71-013403
    - 71-013404
    - 71-013405
    - 71-013410
    - 71-013411
    - 71-013413
    - 71-013416
    - 71-013417
    - 71-013418
    - 71-013419
    - 71-013420
    - 71-013421
    - 71-013424
  - Age/Growth
    - 71-007364
    - 71-007367
    - 71-007370
    - 71-007372
    - 71-007374
    - 71-007379
    - 71-007380
    - 71-007385
    - 71-007394
    - 71-007395
    - 71-007400
    - 71-007401
    - 71-007409
    - 71-007412
    - 71-007425
    - 71-007427
    - 71-007436
    - 71-007445
    - 71-007449
    - 71-007467
    - 71-007475
    - 71-007478
    - 71-007481
    - 71-007485
    - 71-007489
    - 71-007502
    - 71-007517
    - 71-007518
    - 71-007521
    - 71-007541
    - 71-007544
    - 71-007556
    - 71-007557
    - 71-007563
    - 71-007570
    - 71-007571
    - 71-007572
    - 71-007573
    - 71-007585
    - 71-007587
    - 71-007605
    - 71-007608
    - 71-007609
    - 71-007611
    - 71-007623
    - 71-007628
    - 71-007631
    - 71-007641
    - 71-007643

...CONTINUED...

- Techniques
  - Age/Growth
    - 71-007666
    - 71-007675
    - 71-012715
  - Artificial Fish Eggs
    - 71-013415
  - Artificial Streams
    - 71-013428
  - Bioassay Techniques
    - 71-011038
  - Condition Factors
    - 71-013380
  - Creel Census
    - 71-012157
    - 71-012170
    - 71-012175
    - 71-012184
    - 71-012185
    - 71-012188
    - 71-012193
  - Data Storage/Retrieval
    - 71-013383
    - 71-013426
  - Digestion Rates
    - 71-007186
  - Distribution/Seasonal
    - 71-006735
    - 71-006744
  - Egg Collection
    - 71-012486
    - 71-012610
    - 71-013406
  - Fecundity
    - 71-013382
  - Fish Identification
    - 71-013390
  - Fish Measurements
    - 71-013385
  - Fish Preservation
    - 71-007586
    - 71-013354
    - 71-013378
    - 71-013395
    - 71-013409
    - 71-013430
  - Fisherman Surveys
    - 71-011650
    - 71-012228
  - Fishing Pressure
    - 71-012200
  - Flow Regimes
    - 71-011886
    - 71-011886
    - 71-011887
    - 71-011887
    - 71-012924
    - 71-012925
  - Foods/Feeding
    - 71-000787
    - 71-006776
    - 71-006886
    - 71-006890
    - 71-006902
    - 71-006909
    - 71-006915
    - 71-006922
    - 71-007050
    - 71-007108
    - 71-007117
    - 71-007142
    - 71-007160
    - 71-007179
    - 71-007215
    - 71-007237
    - 71-013380
  - Foods/Feeding/Selectivity
    - 71-007165
    - 71-007268
  - Graduated Cylinders
    - 71-013414
  - Habitat Evaluation
    - 71-013366
  - Ichthyoplankton
    - 71-001317
  - Imprinting
    - 71-005370
  - Information Systems
    - 71-013367
    - 71-013393
    - 71-013396
  - Infrared Mapping
    - 71-000037
  - Invertebrate Cages
    - 71-010939
  - Isoelectric Focusing
    - 71-013390
  - Larval Fish Sorting
    - 71-013397
  - Laser Beams
    - 71-005157
  - Light Meters
    - 71-013371
  - Mapping Techniques
    - 71-013366
    - 71-013375
  - Marking/Tagging/Biological
    - 71-004759
    - 71-008952
    - 71-009736
    - 71-012324
    - 71-012341
  - Marking/Tagging/Branding
    - 71-012311
    - 71-012312
    - 71-012314
    - 71-012322
    - 71-012325
    - 71-012331

...CONTINUED...

- Techniques
  - Marking/Tagging/Branding
    - 71-012334
  - Marking/Tagging/Dyes
    - 71-012308
    - 71-012310
    - 71-012359
    - 71-012361
    - 71-012368
  - Marking/Tagging/Fin Clipping
    - 71-012322
    - 71-012346
    - 71-012347
    - 71-012348
    - 71-012356
  - Marking/Tagging/Fin Pulling
    - 71-012336
  - Marking/Tagging/Fluorescent Pigmen
    - 71-012316
    - 71-012323
    - 71-012344
    - 71-012359
    - 71-012371
  - Marking/Tagging/General
    - 71-012321
    - 71-012332
    - 71-012337
    - 71-012357
    - 71-012358
    - 71-012369
    - 71-012370
    - 71-012600
  - Marking/Tagging/Internal Tags
    - 71-012350
  - Marking/Tagging/Magnetic
    - 71-012372
    - 71-012373
  - Marking/Tagging/Misc. Tags
    - 71-012307
    - 71-012309
    - 71-012315
    - 71-012326
    - 71-012327
    - 71-012328
    - 71-012333
    - 71-012338
    - 71-012339
    - 71-012342
    - 71-012343
    - 71-012354
    - 71-012355
    - 71-012360
    - 71-012363
    - 71-012364
    - 71-012374
  - Marking/Tagging/Radionuclides
    - 71-012318
    - 71-012330
    - 71-012375
  - Marking/Tagging/Telemetry
    - 71-012313
    - 71-012317
    - 71-012319
    - 71-012320
    - 71-012329
    - 71-012329
    - 71-012335
    - 71-012340
    - 71-012345
    - 71-012349
    - 71-012352
    - 71-012353
    - 71-012362
    - 71-012365
    - 71-012366
    - 71-012367
  - Marking/Tagging/Wire
    - 71-012351
    - 71-012376
  - Misc. Equipment
    - 71-013353
  - Misc. Equipment/Buoys
    - 71-013398
  - Misc. Equipment/Measuring Boards
    - 71-013368
  - Morphology
    - 71-013380
  - Nektonic Subsamplers
    - 71-013370
  - Otolith Removal
    - 71-007374
  - Otolith Storage
    - 71-013374
  - Photography
    - 71-013355
    - 71-013364
    - 71-013365
  - Population Studies
    - 71-005931
    - 71-005937
    - 71-005957
    - 71-005959
    - 71-005987
    - 71-006003
    - 71-006090
    - 71-006141
    - 71-006161
    - 71-012530
    - 71-012791
    - 71-012973
    - 71-013053
    - 71-013053
    - 71-013352
    - 71-013365
    - 71-013379
    - 71-013411
    - 71-013418

...CONTINUED...
Techniques
  Population Studies
   71-013427
  Predator/Prey Relationships
   71-007179
   71-012318
  Remote Sensing
   71-013423
  Samplers/Flounders
   71-013425
  Satellite Imagery
   71-013381
   71-013423
  Screens
   71-012704
  Scuba
   71-012628
   71-013427
  Sex Determination
   71-003942
   71-013392
   71-013399
  Sound Barriers
   71-012298
  Spawning Grounds Evaluations
   71-013412
  Surgical Apparatus
   71-002822
  Television
   71-005053
  Temperature Control
   71-013351
   71-013358
   71-013384
   71-013408
   71-013429
  Trophic Relationships
   71-007059
  Water Analysis Kits
   71-001135
  Water Volume Determinations
   71-013407
  Weight Estimation
   71-013355
   71-013362
Toxicology
  Abate
   71-000533
   71-010551
   71-010956
   71-011097
  Acetone
   71-011076
  Acetylcholine
   71-010619
  Acid Mine Water
   71-011228
   71-011445
  Acidification
   71-011054
  Acids
   71-010575
   71-011099
   71-011363
  Acrolein
   71-010135
   71-010804
   71-011071
  Aflatoxins
   71-010632
   71-010886
   71-011052
   71-011064
   71-011091
   71-011428
  Alcohols
   71-011099
  Aldehydes
   71-011099
  Aldrin
   71-010544
   71-010665
   71-010695
   71-011463
   71-011515
  Algal Assays
   71-011429
  Alkaloids
   71-010702
  Alkylhydroxamic Acid
   71-010726
  Altosid
   71-011120
  Ammonia
   71-004045
   71-004119
   71-007348
   71-008944
   71-010558
   71-010560
   71-010581
   71-010639
   71-010652
   71-010664
   71-010709
   71-010710
   71-010792
   71-010875
   71-010894
   71-011272
   71-011273
   71-011286
   71-011289
   71-011291
   71-011380
   71-011407
   71-011456
   71-011460

...CONTINUED...
Toxicology
  Ammonia
   71-011462
  Ammonium Chloride
   71-010877
  Ammonium Ethyl Carbamoylphosphonate
   71-010859
  Anesthetics
   71-000958
   71-002530
   71-010612
   71-010620
   71-010735
   71-010755
   71-010797
   71-010869
   71-010893
   71-010896
   71-010918
   71-011095
   71-011173
   71-011206
   71-011258
   71-011295
   71-011383
   71-011384
   71-011385
   71-011397
   71-011434
   71-011442
   71-011571
  Anhydrous Ammonia
   71-011606
  Antibiotics
   71-011012
   71-011329
  Antimycin
   71-010662
   71-010895
   71-011086
   71-011572
   71-011583
   71-011585
   71-011588
   71-011596
   71-011612
   71-012287
   71-012291
  Antiseptics
   71-010725
  APT
   71-010927
  Aqua-Kleen
   71-010756
  Aroclor
   71-010543
   71-010602
   71-010678
   71-010745
   71-010851
   71-010863
   71-010892
   71-010929
   71-010930
   71-011030
   71-011100
   71-011105
   71-011106
   71-011375
   71-011396
  Aromatic Hydrocarbons
   71-010637
   71-010943
   71-011136
   71-011296
   71-011344
   71-011398
   71-011422
   71-011491
   71-011565
  Arsenic
   71-010712
   71-010812
   71-010979
   71-011221
   71-011305
   71-011404
   71-011405
   71-011406
   71-011410
   71-011415
   71-011451
  Atrazine
   71-010989
  Avian Frightening Agents
   71-011334
  Azodrin
   71-010982
  Bactericides
   71-011237
  Bark Extracts
   71-010651
   71-011240
  Bayer 2353
   71-011589
   71-011608
  Bayer 73
   71-010601
   71-010822
   71-011575
   71-011577
   71-011586
   71-011607
   71-011608
   71-011611
  BCM
   71-010681
  Benomyl
   71-010681

...CONTINUED...
Toxicology
  Benzene
   71-010774
   71-010775
   71-010776
   71-010825
   71-011003
   71-011004
   71-011135
   71-011157
   71-011297
   71-011435
  Benzocaine
   71-010735
   71-011295
   71-011295
  Benzocaine Hydrochloride
   71-010797
  Benzylidene Malononitriles
   71-010536
  Beryllium Sulfate
   71-010684
  BHC
   71-011093
   71-011340
  Bioassay Techniques
   71-000978
   71-001001
   71-003980
   71-010305
   71-010546
   71-010548
   71-010561
   71-010581
   71-010657
   71-010659
   71-010662
   71-010668
   71-010673
   71-010747
   71-010749
   71-010761
   71-010787
   71-010788
   71-010818
   71-010828
   71-010834
   71-010840
   71-010856
   71-010860
   71-010884
   71-010900
   71-010908
   71-010939
   71-010994
   71-011034
   71-011049
   71-011051
   71-011053
   71-011065
   71-011073
   71-011078
   71-011079
   71-011080
   71-011115
   71-011122
   71-011129
   71-011134
   71-011187
   71-011201
   71-011229
   71-011304
   71-011336
   71-011338
   71-011342
   71-011348
   71-011377
   71-011379
   71-011386
   71-011416
   71-011457
   71-011466
   71-011498
   71-011499
   71-012725
   71-013384
   71-013408
  Biocides
   71-011046
  Biological Monitoring
   71-010069
  Biomagnification
   71-010626
  Biopsy Techniques
   71-011168
  Biphenyl Ethers
   71-011154
   71-011155
  Botulism
   71-010850
  BPMO
   71-011020
  Bromate
   71-010719
  Brominated Hydrocarbons
   71-011567
  Bromine Chloride
   71-010666
  Butanol
   71-010893
  Cadmium
   71-004403
   71-009864
   71-010228
   71-010570
   71-010590
   71-010595
   71-010615

...CONTINUED...
Toxicology
  Cadmium
   71-010645
   71-010648
   71-010677
   71-010687
   71-010692
   71-010694
   71-010700
   71-010703
   71-010704
   71-010712
   71-010734
   71-010762
   71-010766
   71-010767
   71-010769
   71-010777
   71-010793
   71-010814
   71-010820
   71-010830
   71-010873
   71-010887
   71-010922
   71-010928
   71-010940
   71-010941
   71-010950
   71-010971
   71-010975
   71-010988
   71-011007
   71-011008
   71-011009
   71-011010
   71-011017
   71-011021
   71-011062
   71-011063
   71-011072
   71-011088
   71-011107
   71-011113
   71-011114
   71-011143
   71-011179
   71-011189
   71-011190
   71-011219
   71-011220
   71-011230
   71-011251
   71-011274
   71-011288
   71-011306
   71-011309
   71-011330
   71-011347
   71-011355
   71-011387
   71-011399
   71-011408
   71-011409
   71-011411
   71-011431
   71-011440
   71-011441
   71-011481
   71-011483
   71-011489
   71-011500
   71-011501
   71-011523
   71-011524
   71-011530
   71-011533
  Calcium
   71-011556
  Carbaryl
   71-010574
   71-010688
   71-011066
   71-011400
  Carbofuran
   71-010649
   71-010989
  Carbon Tetrachloride
   71-010898
   71-011243
   71-011244
   71-011245
   71-011423
  Carbonic Acid
   71-011258
  Carcinogens
   71-010764
   71-011000
  Catecholamines
   71-010619
  Cesium
   71-010582
   71-010780
   71-010891
   71-010926
  Chemicals/Registration
   71-011602
  Chloramines
   71-010791
  Chloramphenicol
   71-011012
  Chlordane
   71-010559
   71-010584
   71-010585
   71-010683
   71-010763

...CONTINUED...
Toxicology
  Chlordane
    71-010794
    71-011160
    71-011268
    71-011284
    71-011492
    71-011493
    71-011494
  Chlorinated Benzenes
    71-011135
  Chlorinated Biphenyls
    71-010892
  Chlorinated Hydrocarbons
    71-010541
    71-010751
    71-011119
    71-011400
    71-011513
    71-011567
  Chlorinated Parrafins
    71-011443
  Chlorine
    71-010017
    71-010037
    71-010050
    71-010057
    71-010058
    71-010094
    71-010587
    71-010588
    71-010589
    71-010591
    71-010616
    71-010617
    71-010643
    71-010644
    71-010653
    71-010654
    71-010655
    71-010668
    71-010669
    71-010697
    71-010698
    71-010701
    71-010748
    71-010786
    71-010790
    71-010791
    71-010792
    71-010834
    71-010835
    71-010847
    71-010875
    71-010876
    71-010954
    71-011024
    71-011025
    71-011026
    71-011028
    71-011045
    71-011046
    71-011047
    71-011048
    71-011081
    71-011083
    71-011084
    71-011086
    71-011090
    71-011140
    71-011146
    71-011147
    71-011162
    71-011163
    71-011184
    71-011290
    71-011291
    71-011351
    71-011414
    71-011453
    71-011464
    71-011471
    71-011511
    71-011554
    71-011559
  Chlorophenols
    71-010998
  Chlorophos
    71-011558
  Chlorpyrifos
    71-010956
    71-011170
    71-011171
  Chromium
    71-010548
    71-010549
    71-010639
    71-010656
    71-010777
    71-010922
    71-011015
    71-011063
    71-011179
    71-011252
    71-011330
    71-011394
    71-011437
    71-011438
    71-011439
  Ciguatoxin
    71-011549
    71-011550
  Clophen A50
    71-010593
    71-010783
  CNP
    71-010967
    71-011544

...CONTINUED...
Toxicology
  Coal Conversion Effluents
    71-011217
    71-011350
  Cobalt
    71-003329
    71-010431
    71-010844
    71-010926
    71-011417
  Copper
    71-009183
    71-009424
    71-010570
    71-010613
    71-010645
    71-010648
    71-010682
    71-010692
    71-010694
    71-010731
    71-010742
    71-010770
    71-010798
    71-010799
    71-010815
    71-010865
    71-010917
    71-010919
    71-010958
    71-011001
    71-011039
    71-011043
    71-011058
    71-011059
    71-011060
    71-011062
    71-011063
    71-011082
    71-011124
    71-011208
    71-011209
    71-011211
    71-011278
    71-011280
    71-011282
    71-011283
    71-011330
    71-011331
    71-011347
    71-011355
    71-011394
    71-011430
    71-011452
    71-011455
    71-011471
    71-011472
    71-011487
    71-011504
    71-011505
    71-011506
    71-011533
    71-011535
    71-011536
    71-011545
    71-011546
    71-011556
    71-011560
  Copper Sulfate
    71-010803
    71-010895
    71-011476
    71-011478
  Cottonseed
    71-010885
  Cresols
    71-010870
  CS Gas
    71-010536
  Cuprous Carbonate
    71-011560
  Cutrine
    71-011369
  Cyanide
    71-003592
    71-010638
    71-010639
    71-010759
    71-010986
    71-011033
    71-011300
    71-011389
    71-011394
  Cypermethrin
    71-010705
  Cythion
    71-011371
    71-011372
  DAAB
    71-010825
  Dalapon
    71-010641
    71-010642
    71-010804
  DDE
    71-010858
  DDT
    71-010475
    71-010510
    71-010539
    71-010541
    71-010544
    71-010545
    71-010576
    71-010706
    71-010744
    71-010778
    71-010935

...CONTINUED...
Toxicology
  DDT
    71-010936
    71-010945
    71-010946
    71-010992
    71-011066
    71-011093
    71-011118
    71-011119
    71-011148
    71-011152
    71-011199
    71-011215
    71-011222
    71-011256
    71-011257
    71-011262
    71-011268
    71-011277
    71-011400
    71-011424
    71-011425
    71-011503
    71-011512
    71-011513
    71-011514
    71-011521
    71-011547
  Decamethrin
    71-011569
  Defoliants
    71-010995
  Dehydroabietic Acid
    71-010810
  Detergents
    71-010532
    71-010533
    71-010618
    71-010619
    71-010640
    71-010663
    71-010864
    71-010938
    71-011123
    71-011275
    71-011471
    71-011495
  Di-2-ethylhexyl Phthalate
    71-011104
  Diazinon
    71-010564
    71-010571
    71-010572
    71-010765
    71-010826
    71-010968
    71-010982
    71-011161
    71-011310
  Dichlobenil
    71-010804
  Dichlorvos
    71-011352
  Dieldrin
    71-010661
    71-010695
    71-010886
    71-010980
    71-011057
    71-011066
    71-011093
    71-011248
    71-011277
    71-011358
    71-011436
    71-011513
    71-011515
    71-011547
  Diflubenzuron
    71-010711
    71-011075
    71-011333
  Dimecron
    71-011323
  Dimethoate
    71-010571
    71-010572
  Dimethyl Sulfate
    71-010983
  Dimilin
    71-011120
  Dimilin-G1
    71-010831
  Dinitramine
    71-011204
  Dinitroanilines
    71-010974
  Dinoseb
    71-011541
  Diquat
    71-000002
    71-010599
    71-010605
    71-010804
    71-010895
    71-011369
  Dodecyl Sodium Sulfate
    71-010803
  Drugs
    71-010962
  Dylox
    71-010895
  Ekalaux
    71-011493
  Ekatin
    71-011493
  Endosulfan
    71-011071

...CONTINUED...
Toxicology
  Endosulfan
    71-011269
  Endothall
    71-000002
    71-010599
    71-010804
    71-011353
    71-011354
  Endrin
    71-010695
    71-010784
    71-010785
    71-010832
    71-010861
    71-010888
    71-010923
    71-010937
    71-010947
    71-011093
    71-011215
    71-011257
    71-011316
    71-011320
    71-011321
    71-011324
    71-011339
    71-011359
    71-011360
    71-011468
    71-011538
  Epontol
    71-011206
  Ethanol
    71-011076
    71-011201
  Ether
    71-010727
  Feed Additives
    71-010680
  Fenitrothion
    71-010970
    71-011006
    71-011337
    71-011352
    71-011449
    71-011534
    71-011551
    71-011561
  Fenpropanate
    71-010705
  Fenthion
    71-010948
    71-010956
  Fenvalerate
    71-010705
  Filming Amine
    71-011111
  Flame Retardants
    71-010556
    71-010611
    71-010848
    71-011108
    71-011373
  Fluorescent Whitening Agents
    71-010663
  Fluoride
    71-011542
  Formalin
    71-010604
    71-010895
    71-011368
    71-011414
    71-011543
  Fungicides
    71-010681
    71-011218
  Furanace
    71-010895
    71-011087
    71-011095
    71-011153
    71-011191
  Fyrol FR-2
    71-010556
  GD-174
    71-011590
  General
    71-010019
    71-010052
    71-010130
    71-010224
    71-010366
    71-010462
    71-010670
    71-010673
    71-010675
    71-010724
    71-010813
    71-010993
    71-011020
    71-011122
    71-011134
    71-011145
    71-011294
    71-011475
  General/Registration
    71-011145
    71-011345
    71-011346
  Geothermal Development
    71-011426
  Glyphosate
    71-010806
  Guthion
    71-010547
    71-010548
    71-010549
    71-010550

...CONTINUED...
Toxicology
Halogens
71-010748
Hardness
71-011506
Heavy Metals
71-003329
71-003592
71-004403
71-007740
71-009183
71-009424
71-009864
71-010105
71-010164
71-010165
71-010202
71-010219
71-010228
71-010299
71-010362
71-010382
71-010386
71-010417
71-010428
71-010431
71-010468
71-010520
71-010531
71-010534
71-010535
71-010549
71-010552
71-010553
71-010554
71-010555
71-010557
71-010570
71-010590
71-010594
71-010595
71-010597
71-010598
71-010613
71-010614
71-010615
71-010621
71-010622
71-010624
71-010626
71-010627
71-010629
71-010630
71-010631
71-010633
71-010634
71-010635
71-010639
71-010645
71-010646
71-010647
71-010648
71-010656
71-010660
71-010674
71-010677
71-010682
71-010687
71-010691
71-010692
71-010693
71-010694
71-010696
71-010700
71-010703
71-010704
71-010712
71-010722
71-010728
71-010730
71-010731
71-010734
71-010741
71-010742
71-010754
71-010757
71-010760
71-010762
71-010766
71-010767
71-010769
71-010770
71-010772
71-010777
71-010793
71-010798
71-010799
71-010802
71-010809
71-010811
71-010812
71-010814
71-010815
71-010819
71-010820
71-010829
71-010830
71-010844
71-010849
71-010852
71-010853
71-010857
71-010865
71-010867
71-010873
71-010874
71-010879
71-010880

...CONTINUED...
Toxicology
Heavy Metals
71-010883
71-010887
71-010901
71-010902
71-010904
71-010905
71-010906
71-010907
71-010908
71-010912
71-010913
71-010914
71-010917
71-010919
71-010920
71-010921
71-010922
71-010928
71-010940
71-010941
71-010950
71-010951
71-010958
71-010960
71-010964
71-010971
71-010975
71-010977
71-010978
71-010979
71-010981
71-010985
71-010988
71-010991
71-011001
71-011002
71-011007
71-011008
71-011009
71-011010
71-011011
71-011015
71-011017
71-011018
71-011019
71-011021
71-011022
71-011023
71-011036
71-011037
71-011039
71-011043
71-011044
71-011048
71-011058
71-011059
71-011060
71-011062
71-011063
71-011072
71-011080
71-011082
71-011088
71-011089
71-011094
71-011098
71-011107
71-011113
71-011114
71-011124
71-011125
71-011126
71-011141
71-011142
71-011143
71-011149
71-011151
71-011159
71-011179
71-011189
71-011190
71-011193
71-011195
71-011196
71-011202
71-011203
71-011207
71-011208
71-011209
71-011210
71-011211
71-011212
71-011213
71-011214
71-011219
71-011220
71-011221
71-011222
71-011223
71-011230
71-011231
71-011232
71-011233
71-011234
71-011235
71-011242
71-011249
71-011250
71-011251
71-011259
71-011271
71-011274
71-011278
71-011280
71-011282

...CONTINUED...
Toxicology
Heavy Metals
71-011283
71-011288
71-011305
71-011306
71-011308
71-011309
71-011311
71-011312
71-011313
71-011314
71-011315
71-011317
71-011318
71-011319
71-011322
71-011325
71-011326
71-011327
71-011328
71-011330
71-011331
71-011332
71-011347
71-011355
71-011357
71-011361
71-011362
71-011364
71-011365
71-011366
71-011387
71-011388
71-011394
71-011399
71-011401
71-011402
71-011403
71-011404
71-011405
71-011406
71-011408
71-011409
71-011411
71-011413
71-011415
71-011418
71-011430
71-011431
71-011437
71-011438
71-011439
71-011440
71-011441
71-011444
71-011450
71-011451
71-011452
71-011455
71-011472
71-011474
71-011480
71-011481
71-011482
71-011483
71-011486
71-011487
71-011489
71-011490
71-011500
71-011501
71-011504
71-011505
71-011516
71-011517
71-011518
71-011522
71-011523
71-011524
71-011528
71-011530
71-011533
71-011535
71-011536
71-011539
71-011545
71-011546
71-011556
71-011560
71-011562
Heavy Metals/Techniques
71-011080
Heptachlor
71-010795
71-010827
71-011071
71-011463
Heptachloronorbornene
71-011412
Herbicides
71-000002
71-010135
71-010267
71-010306
71-010565
71-010599
71-010605
71-010609
71-010641
71-010642
71-010688
71-010689
71-010715
71-010756
71-010804
71-010805

...CONTINUED...
Toxicology
Herbicides
71-010806
71-010842
71-010854
71-010859
71-010871
71-010872
71-010927
71-010967
71-010973
71-010974
71-010989
71-011005
71-011061
71-011071
71-011101
71-011112
71-011150
71-011154
71-011155
71-011183
71-011204
71-011242
71-011270
71-011353
71-011354
71-011367
71-011369
71-011465
71-011476
71-011478
71-011502
71-011507
71-011508
71-011510
71-011540
71-011541
71-011544
71-011553
Hexachlorane
71-011557
71-011558
Hexachlorobenzene
71-011185
71-011218
Hexachlorocyclopentadiene
71-011412
Hexachloronobornadiene
71-011412
Hexadrin
71-011371
71-011372
Hydraulic fluids
71-011182
Hydrazine
71-010800
Hydrocarbons
71-004112
71-010774
71-010816
71-011099
71-011297
71-011563
Hydrogen Cyanide
71-010986
71-011389
71-011390
Hydrogen Sulfide
71-010839
71-011391
71-011392
71-011393
Ichthyootoxin
71-010965
Imidan
71-010961
Industrial Wastes
71-011467
Insect Juvenile Hormone Analogues
71-010711
71-010831
71-011075
71-011120
71-011120
Insect Toxins
71-011165
Insecticides
71-000306
71-000307
71-000533
71-002411
71-006898
71-007740
71-010042
71-010267
71-010475
71-010510
71-010523
71-010539
71-010541
71-010543
71-010544
71-010545
71-010547
71-010548
71-010550
71-010551
71-010559
71-010564
71-010571
71-010572
71-010576
71-010578
71-010580
71-010584
71-010585
71-010592

...CONTINUED...
Toxicology
Insecticides
71-010628
71-010649
71-010650
71-010661
71-010665
71-010683
71-010688
71-010695
71-010705
71-010706
71-010708
71-010713
71-010716
71-010720
71-010723
71-010743
71-010744
71-010745
71-010758
71-010763
71-010765
71-010771
71-010778
71-010784
71-010785
71-010789
71-010795
71-010823
71-010826
71-010827
71-010832
71-010851
71-010858
71-010861
71-010862
71-010886
71-010888
71-010890
71-010899
71-010923
71-010925
71-010929
71-010930
71-010935
71-010936
71-010937
71-010945
71-010946
71-010947
71-010948
71-010956
71-010961
71-010968
71-010968
71-010969
71-010970
71-010980
71-010982
71-010989
71-010992
71-010999
71-011029
71-011030
71-011035
71-011055
71-011057
71-011066
71-011069
71-011071
71-011085
71-011093
71-011097
71-011100
71-011102
71-011118
71-011119
71-011139
71-011144
71-011148
71-011152
71-011160
71-011161
71-011170
71-011171
71-011199
71-011215
71-011222
71-011248
71-011256
71-011257
71-011261
71-011262
71-011264
71-011265
71-011266
71-011267
71-011268
71-011276
71-011277
71-011284
71-011302
71-011303
71-011310
71-011316
71-011320
71-011321
71-011323
71-011324
71-011333
71-011337
71-011339
71-011340
71-011341
71-011352
71-011358

...CONTINUED...
Toxicology
Insecticides
71-011359
71-011360
71-011371
71-011372
71-011375
71-011396
71-011400
71-011412
71-011420
71-011424
71-011425
71-011436
71-011447
71-011449
71-011454
71-011463
71-011468
71-011492
71-011493
71-011494
71-011497
71-011503
71-011512
71-011513
71-011514
71-011515
71-011521
71-011525
71-011526
71-011534
71-011538
71-011547
71-011548
71-011551
71-011557
71-011558
71-011561
71-011564
71-011569
71-011573
71-011609
71-012294
71-012494
71-013348
Iron
71-010633
71-010634
71-010635
71-010645
Iron Hydroxide
71-010633
71-011388
Kepone
71-010042
71-010580
71-010716
71-010723
71-010862
71-010899
71-011341
Kerosene
71-011205
Ketones
71-011099
Krenite
71-010859
LAS
71-010916
71-011198
Lathyrogens
71-011555
Lead
71-010417
71-010624
71-010648
71-010700
71-010901
71-010904
71-010905
71-010905
71-010906
71-010907
71-010908
71-010914
71-010951
71-011107
71-011142
71-011159
71-011207
71-011208
71-011210
71-011211
71-011271
71-011314
71-011315
71-011318
71-011326
71-011330
71-011401
71-011402
71-011418
71-011489
71-011490
71-011523
71-011524
71-011533
Lead Chloride
71-010684
Lead Nitrate
71-011314
71-011315
Lindane
71-010858
71-010890
71-011093
71-011268

...CONTINUED...
Toxicology
Lindane
71-011340
Logging Residue
71-010106
Malachite Green
71-002996
71-010600
71-010603
71-010838
71-010895
71-011543
Malaoxon
71-010713
Malathion
71-010571
71-010592
71-010628
71-010713
71-010758
71-010888
71-010956
71-011215
71-011302
71-011303
71-011400
71-011521
71-011526
Manganese
71-010520
71-010531
71-010645
71-011043
71-011044
71-011149
71-011231
71-011480
71-011482
71-011533
71-011556
Masoten
71-011117
MCPA
71-010870
71-010871
Mercaptobenzothiazole
71-010868
Mercuric Chloride
71-011317
71-011319
Mercury
71-007740
71-010105
71-010164
71-010165
71-010362
71-010382
71-010386
71-010428
71-010534
71-010535
71-010557
71-010626
71-010627
71-010629
71-010645
71-010646
71-010648
71-010677
71-010691
71-010700
71-010722
71-010728
71-010734
71-010741
71-010757
71-010760
71-010772
71-010811
71-010857
71-010865
71-010867
71-010874
71-010879
71-010880
71-010920
71-010940
71-010941
71-010977
71-010978
71-010985
71-010991
71-011002
71-011011
71-011018
71-011019
71-011022
71-011023
71-011063
71-011094
71-011125
71-011141
71-011190
71-011193
71-011195
71-011196
71-011202
71-011203
71-011212
71-011213
71-011214
71-011232
71-011233
71-011234
71-011235
71-011249
71-011259
71-011282

...CONTINUED...
Toxicology
Mercury
71-011283
71-011311
71-011312
71-011313
71-011317
71-011319
71-011322
71-011325
71-011327
71-011328
71-011332
71-011355
71-011361
71-011364
71-011365
71-011366
71-011403
71-011444
71-011450
71-011474
71-011522
71-011523
71-011524
Methallibure
71-011027
Methanol
71-010717
Methoprene
71-011075
Methoxychlor
71-010743
71-010771
71-011035
71-011055
71-011144
Methylene Chloride
71-010563
Mexacarbate
71-011102
Mine Effluents
71-010111
71-010362
71-010849
71-010853
71-010949
71-011044
71-012884
Mirex
71-010649
71-010720
71-010999
71-011029
71-011030
71-011031
71-011035
71-011447
Molinate
71-010688
71-010973
Molluscicides
71-010699
71-011096
Molybdenum
71-010530
Monochloramines
71-010779
Monocrotophos
71-011547
Morpholine
71-011111
Mosquito Control
71-013449
MS-222
71-000958
71-000958
71-002530
71-010797
71-010869
71-010896
71-010918
71-011095
71-011173
71-011383
71-011384
71-011385
71-011397
71-011434
MSMA
71-010565
N-tritylmorpholine
71-011096
71-011096
Naled
71-010743
Naphthalene
71-010707
71-010752
71-011041
71-011491
Neuroamines
71-005041
Nickel
71-010555
71-010614
71-010922
71-011063
Nifurpirinol
71-011191
NIP
71-011544
Nitrate
71-010987
Nitrite
71-004224
71-010718
71-011131
71-011238

...CONTINUED...
Toxicology
 Nitrite
  71-011456
  71-011459
  71-011461
  71-011519
 Nitrosamines
  71-010796
 Oil
  71-009098
  71-010246
  71-010283
  71-010333
  71-010351
  71-010567
  71-010568
  71-010583
  71-010586
  71-010596
  71-010606
  71-010679
  71-010690
  71-010729
  71-010752
  71-010774
  71-010775
  71-010776
  71-010781
  71-010782
  71-010801
  71-010807
  71-010816
  71-010878
  71-010915
  71-010984
  71-011003
  71-011004
  71-011034
  71-011040
  71-011056
  71-011109
  71-011110
  71-011121
  71-011156
  71-011157
  71-011164
  71-011178
  71-011225
  71-011236
  71-011263
  71-011292
  71-011296
  71-011335
  71-011344
  71-011395
  71-011419
  71-011427
  71-011435
  71-011488
  71-011509
  71-011565
 Oil Dispersants
  71-010586
  71-010610
  71-011121
  71-011194
 Oil Refinery Effluents
  71-010657
  71-011034
 Oil Shale Effluents
  71-010111
  71-010566
  71-011032
 Organochlorines
  71-002411
  71-010695
  71-010925
  71-011029
  71-011564
 Organophosphates
  71-010551
  71-010572
  71-010650
  71-010817
  71-010826
  71-010956
  71-011006
  71-011302
  71-011303
  71-011310
  71-011323
  71-011371
  71-011372
  71-011400
  71-011454
  71-011497
  71-012294
 Outboard Motor Exhausts
  71-010636
  71-010637
 Oxytetracycline
  71-011012
 Ozone
  71-010617
  71-010617
  71-011279
  71-011293
  71-011520
 Parasiticides
  71-010821
  71-011117
  71-011117
 Parathion
  71-006898
  71-010571
  71-010572
  71-010578
  71-010785

...CONTINUED...
Toxicology
 Parathion
  71-010789
  71-010956
  71-010982
  71-011118
  71-011119
  71-011215
  71-011262
  71-011265
  71-011266
  71-011267
  71-011400
 PCN
  71-010783
 PCP
  71-010927
 Penicillamine
  71-011555
 Pentachloroanisole
  71-010824
 Pentachlorophenate
  71-010931
  71-010932
 Pentachlorophenol
  71-003277
  71-010367
  71-010548
  71-010549
  71-010824
  71-010854
  71-010996
  71-010997
  71-011253
  71-011264
  71-011448
 Pentron D-90
  71-010667
 Peptides
  71-003708
 Perchloroethylene
  71-010563
 Permethrin
  71-010705
  71-010823
  71-011261
  71-011569
 Perspectives/Canada
  71-010176
 Pesticides
  71-010208
  71-010660
  71-010751
  71-010817
  71-010976
  71-010993
  71-011006
  71-011014
  71-011242
  71-011269
  71-011531
 Pesticides/Degradation
  71-011197
 Pesticides/Registration
  71-011145
 Pesticides/Techniques
  71-011014
 pH
  71-003500
  71-003526
  71-004119
  71-006338
  71-010133
  71-010326
  71-010686
  71-010736
  71-010737
  71-010738
  71-010739
  71-010740
  71-010753
  71-010866
  71-010942
  71-010952
  71-010959
  71-011049
  71-011049
  71-011169
  71-011180
  71-011181
  71-011241
  71-011287
  71-011298
  71-011299
  71-011301
  71-011363
  71-011445
  71-011469
  71-011470
  71-011484
  71-011485
  71-011505
  71-011506
  71-011537
 Phenanthrene
  71-011398
 Phenobarbital
  71-010783
 Phenoclor DP6
  71-011176
  71-011177
 Phenols
  71-005398
  71-010561
  71-010561
  71-010569
  71-010658
  71-010746

...CONTINUED...
Toxicology
 Phenols
  71-010803
  71-010972
  71-011099
  71-011148
  71-011174
  71-011200
  71-011378
  71-011446
  71-011496
  71-011570
 Phosphamidon
  71-011352
  71-011454
 Phosphate
  71-011433
 Phosphate Esters
  71-011182
  71-011373
  71-011373
 Phosvel
  71-012294
  71-012294
 Phthalate Acid Esters
  71-010955
  71-011105
  71-011132
  71-011246
  71-011247
 Picloram
  71-010803
  71-011541
 Piperonyl Butoxide
  71-011139
  71-011276
 Piscicides
  71-010525
  71-010578
  71-010601
  71-010662
  71-010676
  71-010827
  71-010882
  71-010895
  71-011086
  71-011133
  71-011377
  71-011571
  71-011572
  71-011573
  71-011574
  71-011575
  71-011577
  71-011578
  71-011579
  71-011580
  71-011581
  71-011582
  71-011583
  71-011584
  71-011585
  71-011586
  71-011587
  71-011588
  71-011589
  71-011590
  71-011591
  71-011592
  71-011593
  71-011594
  71-011595
  71-011596
  71-011597
  71-011598
  71-011599
  71-011600
  71-011601
  71-011603
  71-011604
  71-011605
  71-011606
  71-011606
  71-011607
  71-011608
  71-011609
  71-011610
  71-011611
  71-011612
  71-011613
  71-011614
  71-011615
  71-011616
  71-011617
  71-011618
  71-012287
  71-012289
  71-012291
  71-012300
  71-012494
  71-012495
 Piscicides/Detoxification
  71-011576
 Piscicides/Registration
  71-011602
 Plasticizers
  71-011246
  71-011247
 Plutonium
  71-011458
 Polybrominated Biphenyls
  71-011566
 Polychlorinated Biphenyls
  71-008960
  71-010223
  71-010475
  71-010481
  71-010540

...CONTINUED...
Toxicology
 Polychlorinated Biphenyls
  71-010542
  71-010543
  71-010593
  71-010602
  71-010678
  71-010773
  71-010783
  71-010808
  71-010841
  71-010843
  71-010845
  71-010846
  71-010851
  71-010863
  71-010897
  71-010929
  71-010930
  71-010944
  71-010990
  71-011029
  71-011030
  71-011031
  71-011050
  71-011100
  71-011106
  71-011138
  71-011148
  71-011152
  71-011175
  71-011176
  71-011177
  71-011193
  71-011221
  71-011222
  71-011374
  71-011375
  71-011376
  71-011396
  71-011424
  71-011425
  71-011564
 Polychlorinated Terphenyls
  71-010944
 Polychlorpinene
  71-011092
 Polyvinyl Chloride
  71-011479
 Potassium
  71-010750
 Potassium Permanganate
  71-010895
  71-011477
 Pounce
  71-011261
  71-011261
 Power Plant Effluents
  71-010058
  71-010587
  71-010587
  71-010667
  71-010667
  71-010669
  71-010697
  71-010786
  71-010791
  71-010834
  71-011025
  71-011045
  71-011046
  71-011047
  71-011081
  71-011090
  71-011111
  71-011146
  71-011162
  71-011163
  71-011453
  71-011554
 Propanil
  71-010688
 Propoxur
  71-010708
 Propylene Glycol
  71-011076
 Pulp Mill Effluents
  71-003522
  71-010161
  71-010254
  71-010263
  71-010623
  71-010714
  71-010732
  71-010810
  71-010828
  71-010833
  71-010836
  71-010924
  71-010934
  71-011013
  71-011042
  71-011115
  71-011127
  71-011128
  71-011129
  71-011130
  71-011281
  71-011356
  71-011498
  71-011527
  71-011532
 Puromycin
  71-011329
 Pyrethroids
  71-010705
  71-011568
  71-011569

...CONTINUED...
Toxicology
Quinaldine
71-010612
71-010755
71-011095
71-011571
71-011587
Radiation
71-003250
71-004131
71-004429
71-004516
71-010768
71-010889
71-011239
71-011458
71-013453
Radioactive Wastes
71-010537
71-010889
71-013453
71-013453
Radionuclides
71-010355
71-010926
71-011016
71-011166
71-011172
71-011226
71-011381
71-011432
71-013453
Randia dumetorum
71-011603
71-011603
Research Test Fish
71-001880
71-010548
71-010953
71-011254
71-011338
Revivon
71-011206
Rotenone
71-010525
71-010882
71-010895
71-011377
71-011580
71-011585
71-011597
71-011605
71-011613
Rotenone/Detoxification
71-011579
71-011581
Saffan
71-011206
Salinity
71-010733
Salt
71-010895
Saponins
71-011074
Sediment Bioassays
71-010910
71-010911
71-011260
71-011473
Selenium
71-010104
71-010538
71-010607
71-010608
71-010629
71-010684
71-010855
71-010879
71-010903
71-010963
71-011186
71-011364
71-011450
Sevin
71-011521
71-011525
Sewage Effluents
71-010562
71-010701
71-010790
71-010792
71-011511
71-011552
Silver
71-010355
71-010677
71-010730
71-010829
Simazine
71-011101
71-011112
71-011476
71-011478
Sodium Arsenite
71-010684
Sodium Bicarbonate
71-010620
Sodium Chloride
71-010548
71-010548
71-010549
71-011173
Sodium Cyanide
71-010684
Sodium Lauryl Sulfate
71-010532
71-010640
71-010864

...CONTINUED...
Toxicology
Sodium Lauryl Sulfate
71-011255
71-011495
Sodium Pentachlorophenate
71-010684
71-010803
71-010933
Solvents
71-010751
Squoxin
71-011582
Stress
71-011294
Strontium
71-010582
71-010582
71-011016
71-011188
Sumithion
71-011006
71-011493
Surfactants
71-011068
71-011070
71-011074
71-011077
71-011078
71-011078
71-011198
Swascol 1P
71-011495
Symposia
71-010462
71-011475
TBM
71-011343
TBTO
71-010699
TCDD
71-010872
71-010881
71-011150
71-011507
71-011510
Techniques/Blood Analysis
71-010721
Temephos
71-000533
71-011170
71-011171
71-011551
Temperature
71-010671
71-010672
71-010675
Testosterone
71-000179
Tetracycline Hydrochloride
71-011349
TFM
71-010601
71-010676
71-011571
71-011577
71-011578
71-011586
71-011587
71-011592
71-011593
71-011594
71-011595
71-011604
71-011607
71-011615
71-012300
Thanite
71-011573
71-012494
71-012495
Thidiazuron
71-010995
Thiodan
71-011269
Thiophanata-methyl
71-010681
Tissue Lipids
71-002430
Titanium-Dioxide Effluents
71-011036
71-011036
Tobramycin
71-011343
Toluene
71-011004
Tordon
71-010306
Toxaphene
71-010578
71-010688
71-010688
71-010827
71-010827
71-010982
71-011105
71-011133
71-011257
71-011584
71-011591
71-011598
71-011599
71-011600
71-011601
71-011609
71-011610
71-011616
71-011617
71-011618

...CONTINUED...
Toxicology
Toxic Algae
71-010579
71-010966
71-011529
71-011549
71-011550
Toxins
71-010965
Trace Materials/Techniques
71-011067
Trace Metals
71-001158
71-010819
71-010855
71-010964
71-011224
71-011252
71-011539
Treatment Plant Effluents
71-010094
71-010577
71-010654
71-010655
71-010748
71-011146
71-011471
Trichlorfon
71-011352
Trichlorobenzene
71-011137
Trichloroethylene
71-010563
Trifluralin
71-010715
71-011071
71-011553
Tritium
71-010537
71-011432
Uranium
71-011458
Urea
71-003459
71-010837
Valium
71-011173
71-011173
Vanadium
71-011307
Vinyl Chloride
71-011479
Wood Leachates
71-011240
X-Rays
71-011158
Xenobiotics
71-011421
71-011422
71-011422
Xylene
71-011508
Xylocaine
71-011206
Yalan
71-011502
Yttrium
71-011016
Zectran
71-011102
Zinc
71-010228
71-010468
71-010531
71-010552
71-010553
71-010554
71-010570
71-010594
71-010597
71-010598
71-010630
71-010631
71-010639
71-010645
71-010648
71-010674
71-010692
71-010693
71-010694
71-010694
71-010777
71-010798
71-010799
71-010802
71-010802
71-010809
71-010887
71-010902
71-010912
71-010913
71-010921
71-010960
71-010981
71-011043
71-011058
71-011059
71-011062
71-011063
71-011098
71-011126
71-011151
71-011179
71-011209
71-011231
71-011308
71-011357
71-011394

...CONTINUED...
Toxicology
Zinc
71-011399
71-011408
71-011409
71-011411
71-011413
71-011452
71-011455
71-011486
71-011516
71-011517
71-011518
71-011522
71-011533
71-011556
71-011562
1,1,1-Trichloroethane
71-010563
1,2,4-TCB
71-011135
2-amino-4-phenylthiazole
71-011442
2,4-D
71-010135
71-010609
71-010641
71-010642
71-010689
71-010756
71-010842
71-011005
71-011105
71-011367
71-011420
71-011540
2,4,5-T
71-010842
71-011367
71-011510
3-MC
71-010783
4-aminopyridine
71-011334
Utilization of Fishery Products
Archaeological Sites
71-013335
71-013337
71-013337
71-013344
71-013347
Eviscerating Machines
71-013345
Fish as Food
71-000117
71-000117
71-000854
71-000854
71-013331
71-013331
71-013333
71-013334
71-013346
71-013348
Fish Flavoring
71-013342
71-013343
Live Weight/Dressed Weight
71-007578
71-007578
N-nitrosamines
71-013336
Taste and Odor Problems
71-013341
Water Use/Conservation
Energy Development
71-001049
71-010455
71-011868
71-011868
71-011897
71-011897
71-011898
71-011904
71-011904
71-011941
71-011941
71-011962
71-012019
71-012019
71-012094
71-012094
71-012120
71-013118
71-013118
71-013119
71-013119
71-013473
71-013478
71-013483
71-013486
71-013487
71-013489
71-013492
71-013498
71-013499
Irrigation Projects
71-011990
71-011990
Land Use Effects
71-013475
71-013477
71-013488
Pumped Storage
71-001084
71-001321
71-001321
71-005639

...CONTINUED...

- Water Use/Conservation
  - Pumped Storage
    - 71-011901
    - 71-011945
    - 71-011946
    - 71-011980
    - 71-012006
    - 71-012043
    - 71-012043
    - 71-012705
    - 71-013082
    - 71-013484
    - 71-013491
    - 71-013493
    - 71-013494
    - 71-013495
  - River Basin Commissions
    - 71-011809
  - Water Allocations
    - 71-012081
    - 71-012931
    - 71-012932
    - 71-013481
    - 71-013482
    - 71-013490
    - 71-013496
    - 71-013500
  - Water Flow
    - 71-013490
  - Water Law
    - 71-012931
    - 71-012931
    - 71-012932
    - 71-012932
    - 71-013479
    - 71-013480
    - 71-013480
    - 71-013490
    - 71-013497
  - Watershed Councils
    - 71-013485
  - Watershed Management
    - 71-011760
    - 71-011760
    - 71-013475
    - 71-013476

☆ U.S. Government Printing Office 1982 - 676-333/1 Reg. 8

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

March 3, 1849

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
EDITORIAL OFFICE
AYLESWORTH HALL, CSU
FORT COLLINS, COLORADO 80523